

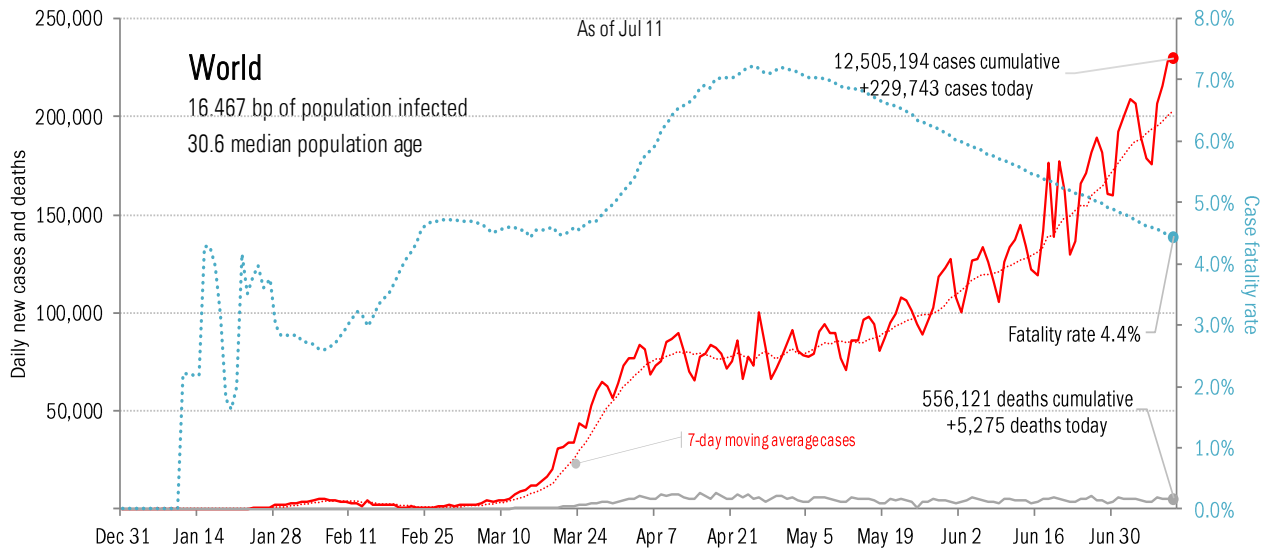
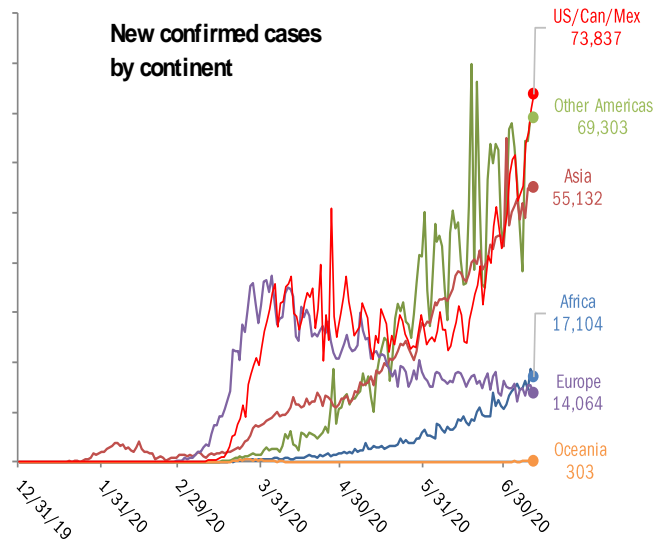
Data Insights: Covid-2019 Monitor

Saturday, July 11, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+66,625	Brazil	+1,214
Brazil	+45,048	US	+806
India	+27,114	Mexico	+665
South_Africa	+12,348	India	+519
Mexico	+6,891	Colombia	+211
Colombia	+6,803	Peru	+186
Russia	+6,635	Russia	+174
Argentina	+3,367	Iran	+142
Peru	+3,198	South_Africa	+140
Saudi	+3,159	Chile	+99
+181,188		+4,156	
World +229,743		World +5,275	
Top ten 79%		Top ten 79%	



Source: [ECDC](#), TrendMacro calculations

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The US scorecard

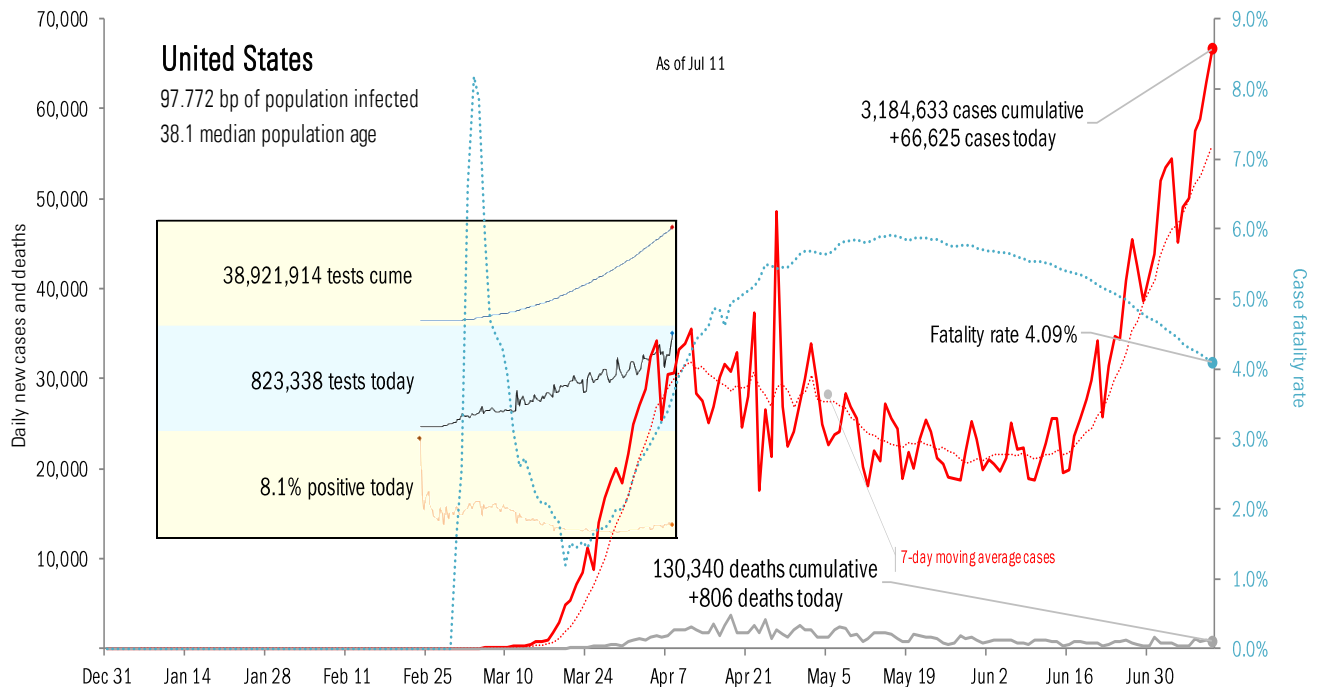
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
FL	+11,433	CA	+140	FL	+437	NY	400,299	NY	24,968	NY	89,995
TX	+9,765	TX	+95	GA	+331	CA	304,297	NJ	15,479	NJ	20,567
CA	+7,798	FL	+92	SC	+308	FL	244,151	MA	8,296	FL	17,916
GA	+4,484	AZ	+44	VA	+174	TX	240,111	IL	7,345	GA	12,937
AZ	+4,221	CO	+37	AZ	+133	NJ	174,628	PA	6,880	MA	11,582
LA	+2,642	AL	+36	CH	+131	IL	152,899	CA	6,851	MD	11,300
NC	+1,982	GA	+35	MD	+79	AZ	116,892	MI	6,285	CT	10,552
TN	+1,955	PA	+32	IN	+72	GA	111,211	CT	4,348	VA	10,195
SC	+1,728	NJ	+31	NJ	+62	MA	111,110	FL	4,203	CH	8,701
CH	+1,525	MA	+28	TN	+58	PA	93,876	LA	3,380	IN	7,458
+47,533		+570		+1,785		1,949,474		88,035		201,203	
All states	+66,645	All states	+854	All states	+2,318	All states	3,167,984	All states	126,444	All states	257,571
Top ten	71%	Top ten	67%	Top ten	77%	Top ten	62%	Top ten	70%	Top ten	78%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
AL	-878	AZ	-31	CT	-141	TX	+4,670
MO	-795	FL	-28	CO	-68	SC	+1,775
AR	-789	TN	-12	OK	-33	CH	+1,324
MD	-123	VA	-11	MA	-19	TN	+1,131
OR	-105	NV	-10	NJ	-17	PA	+777



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

Recommended reading

[The Hunger Virus: How COVID-19 Is Fueling Hunger In A Hungry World](#)

Oxfam

July 8, 2020

[Anthony Fauci: 'We are living in the perfect storm'](#)

Hannah Kuchler

Financial Times

July 10, 2020

[Horowitz: Texas border counties hospitalization rate is 5 times the national average](#)

Daniel Horowitz

Conservative Review

July 9, 2020

[China Points to Shrimp as Virus Carrier After Salmon Debacle](#)

Bloomberg

July 10, 2020







[Next COVID relief package should require health price transparency. Everyone would benefit.](#)

Steve Forbes, Arthur B. Laffer and Larry Van Horn

USA Today

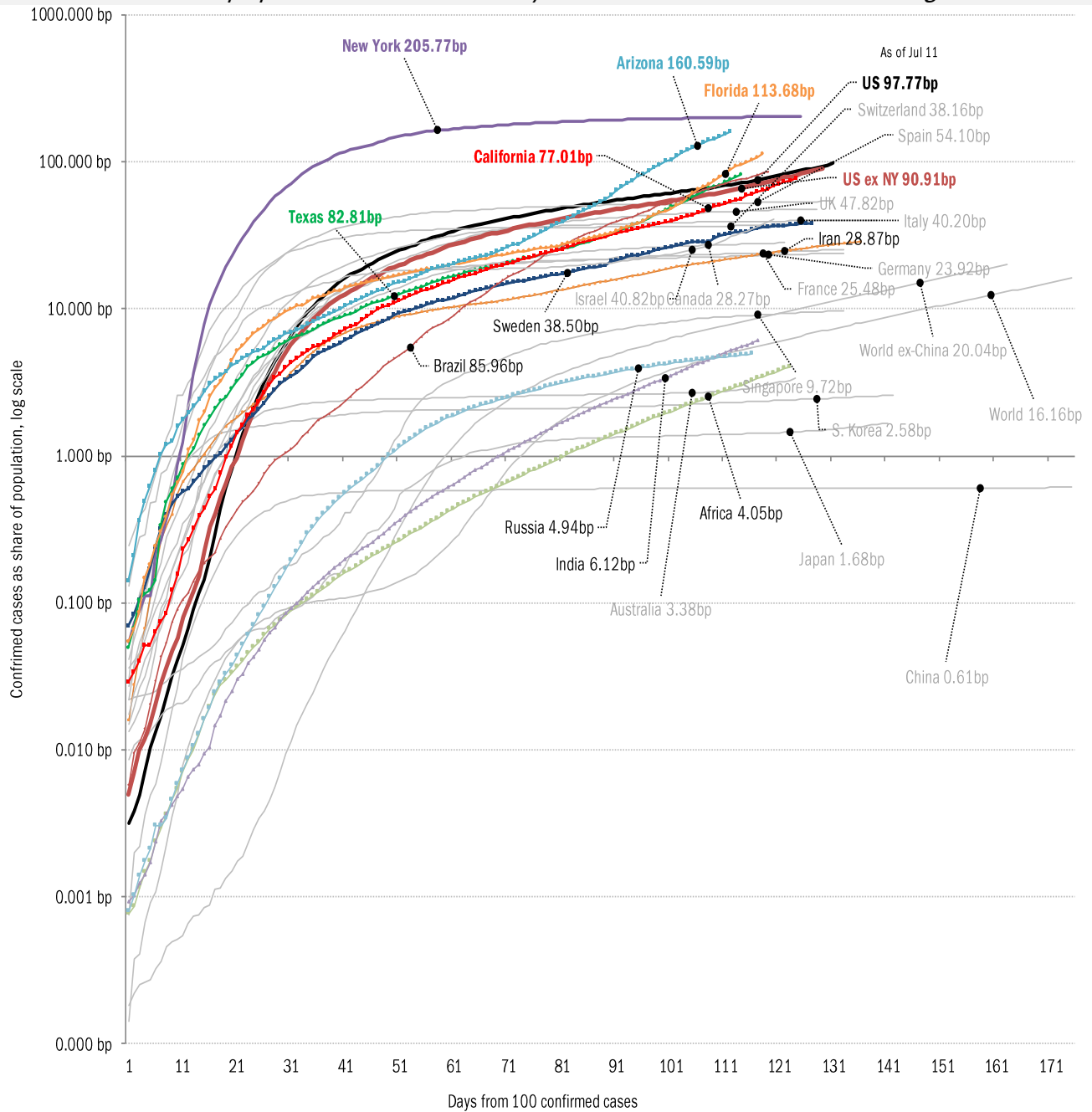
July 9, 2020

Meme of the day

Annual Streaming Price	
	\$108
	\$72
	\$120
	\$132
	\$84
	\$50,420

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

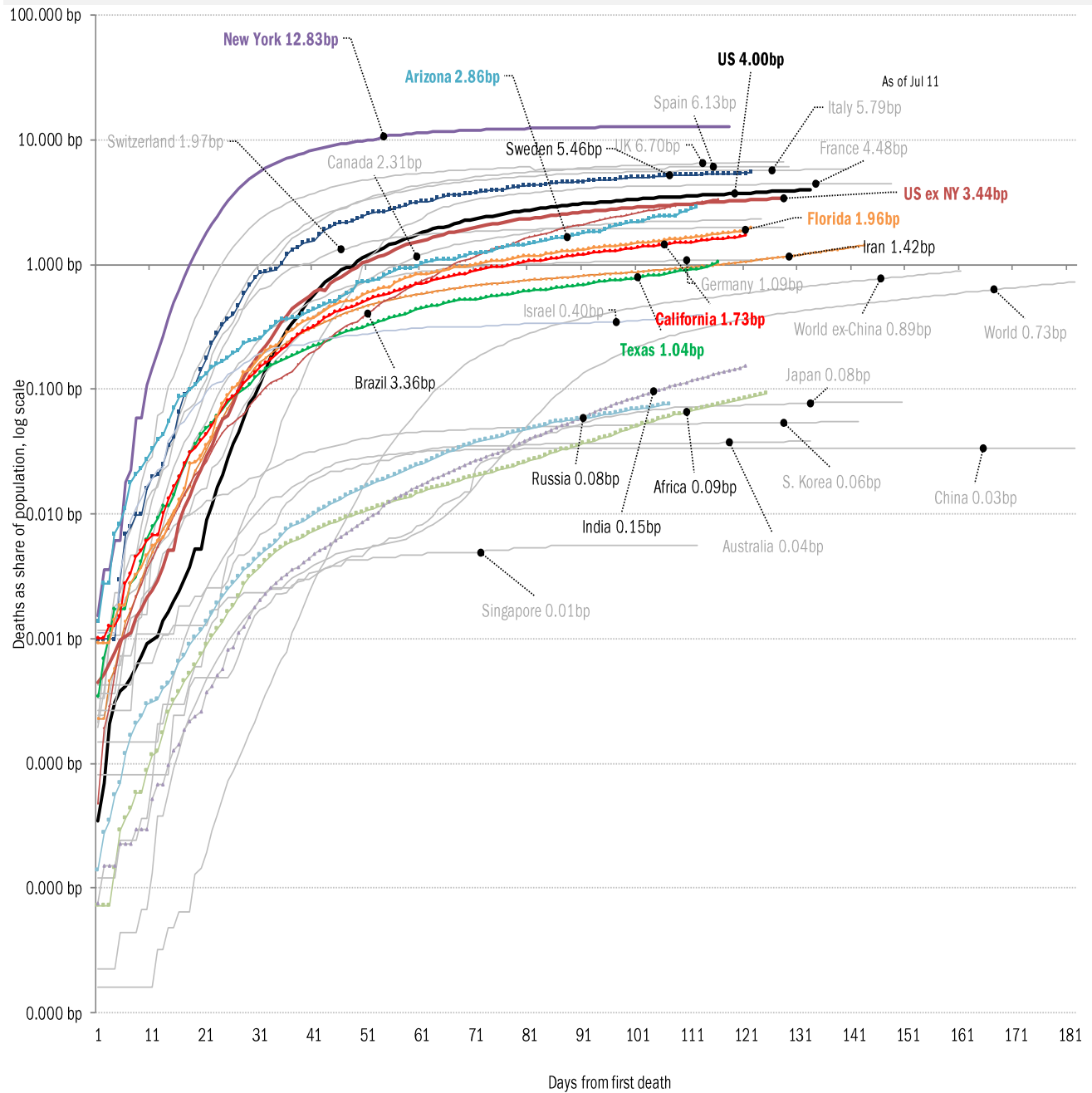
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

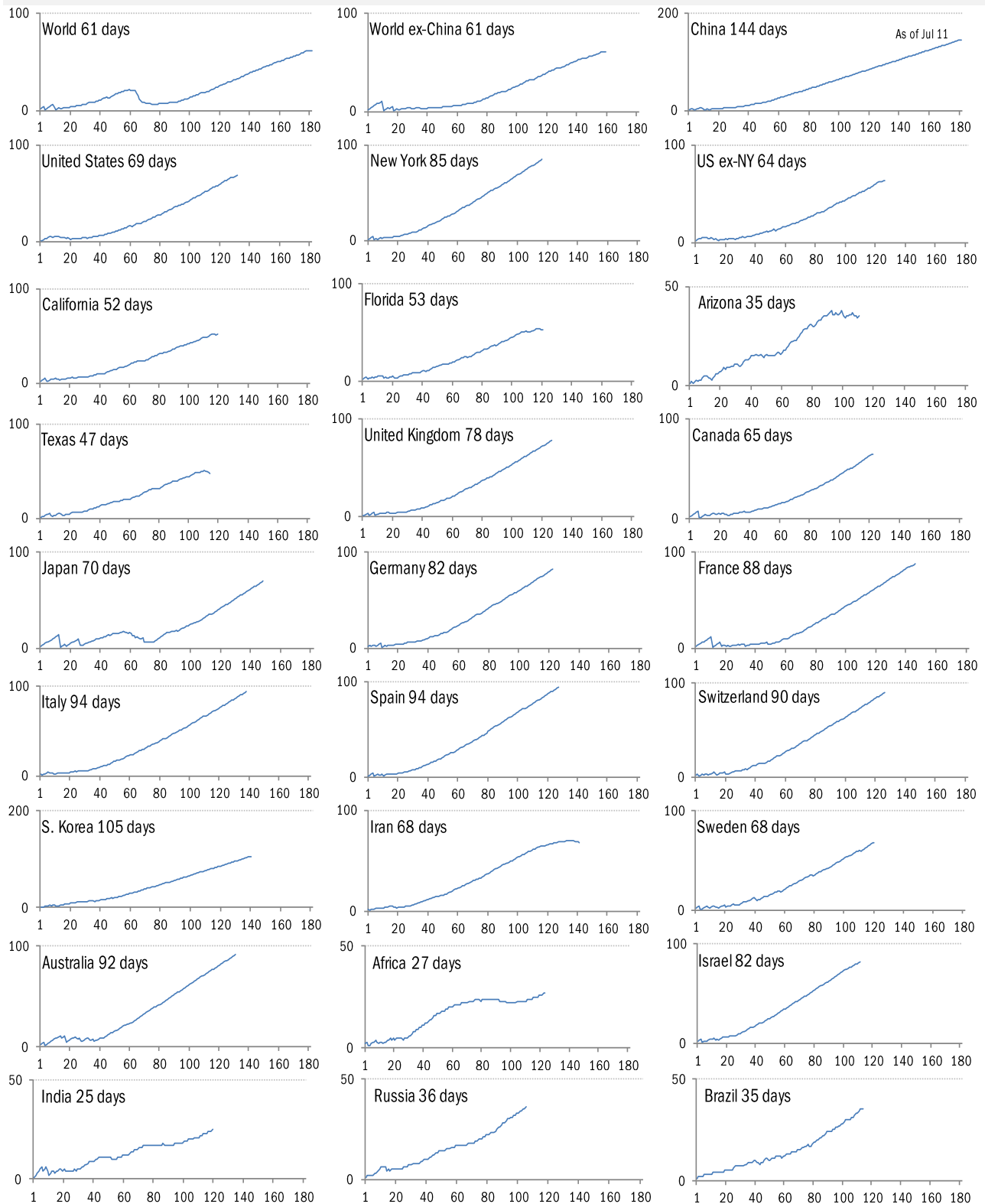
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

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

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

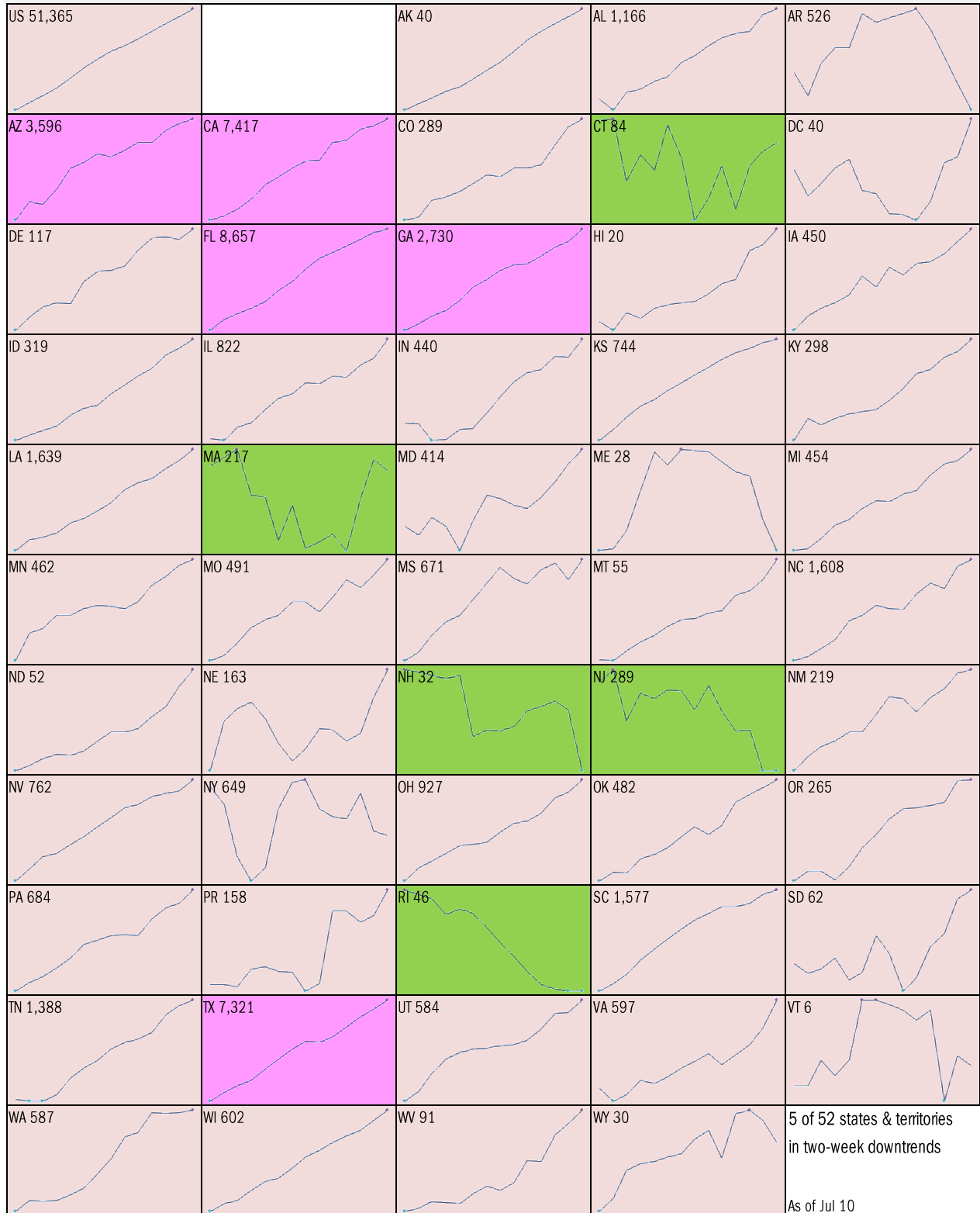


Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): 14-day "downward trajectory" in new cases

14-day moving average, last 14 days *Most recent value displayed* ● 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



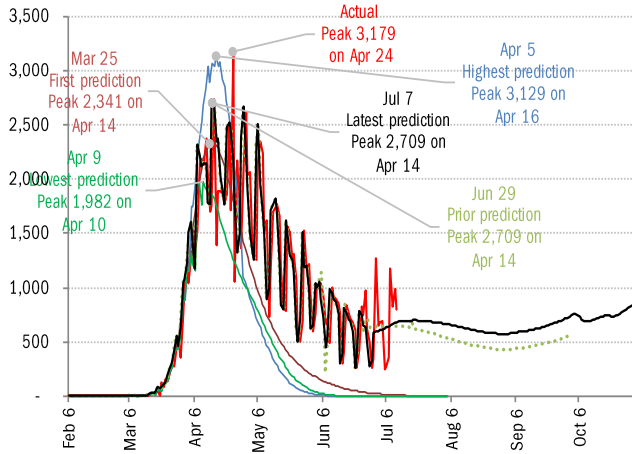
Source: [Covid Tracking Project](#), TrendMacro calculations

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

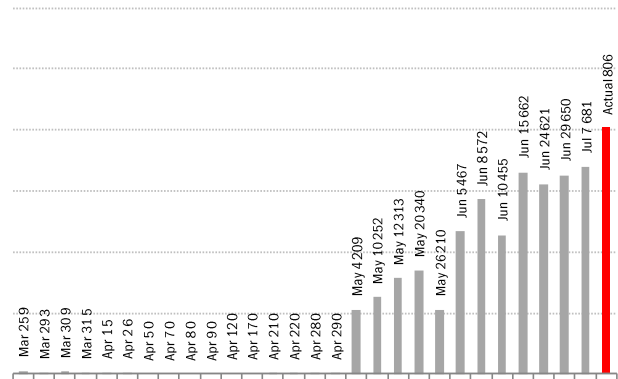
New daily fatalities

As of Jul 11

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

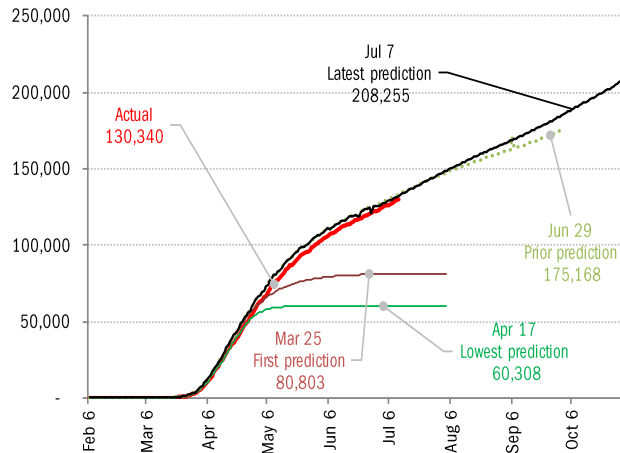


For this day, versus all model mean predictions

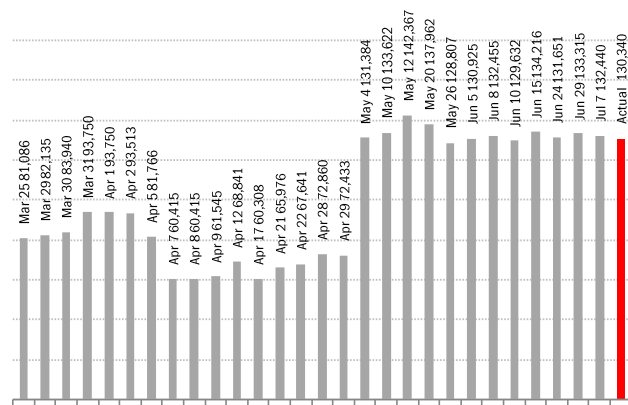


Cumulative fatalities

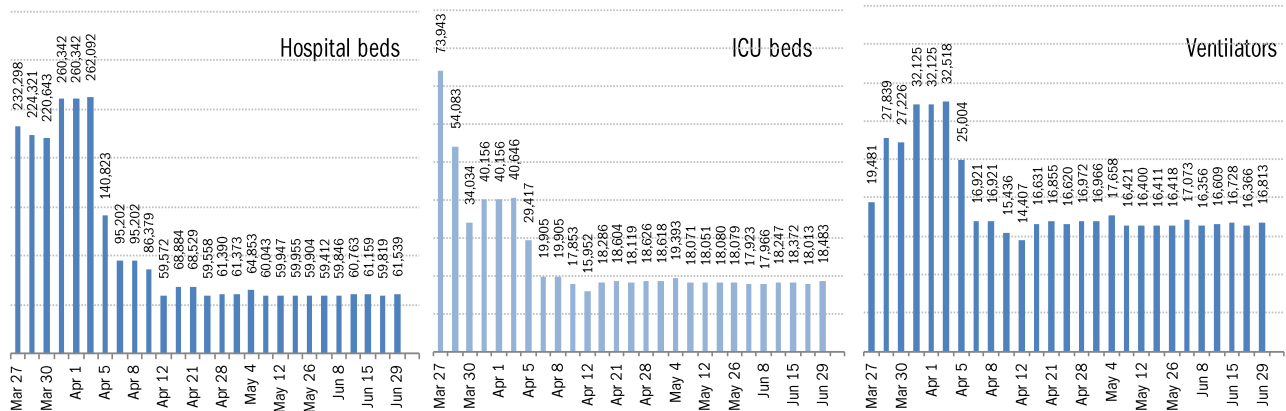
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

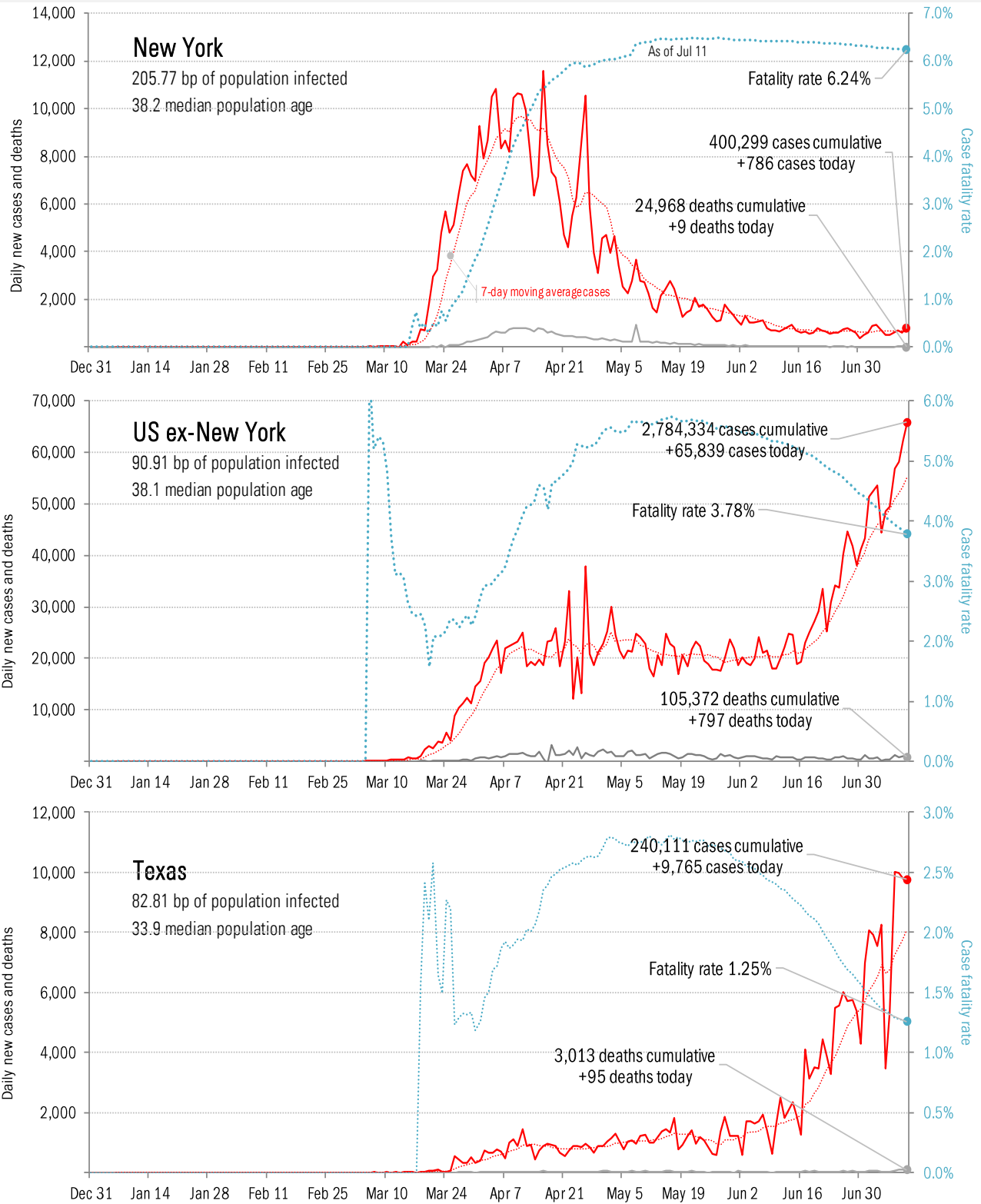


Healthcare system stress, peak estimated at each model revision



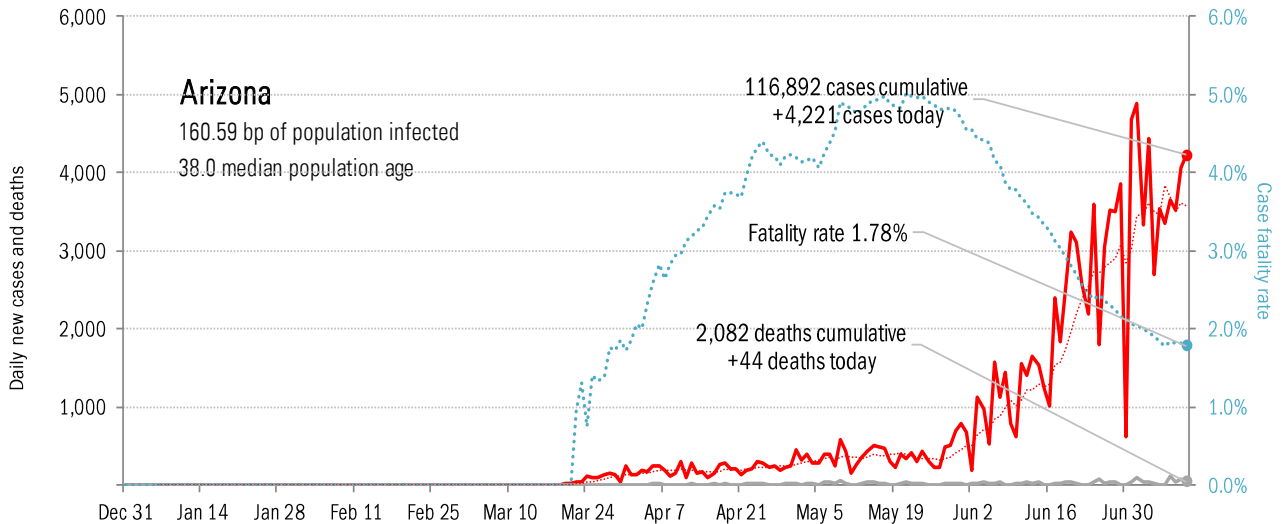
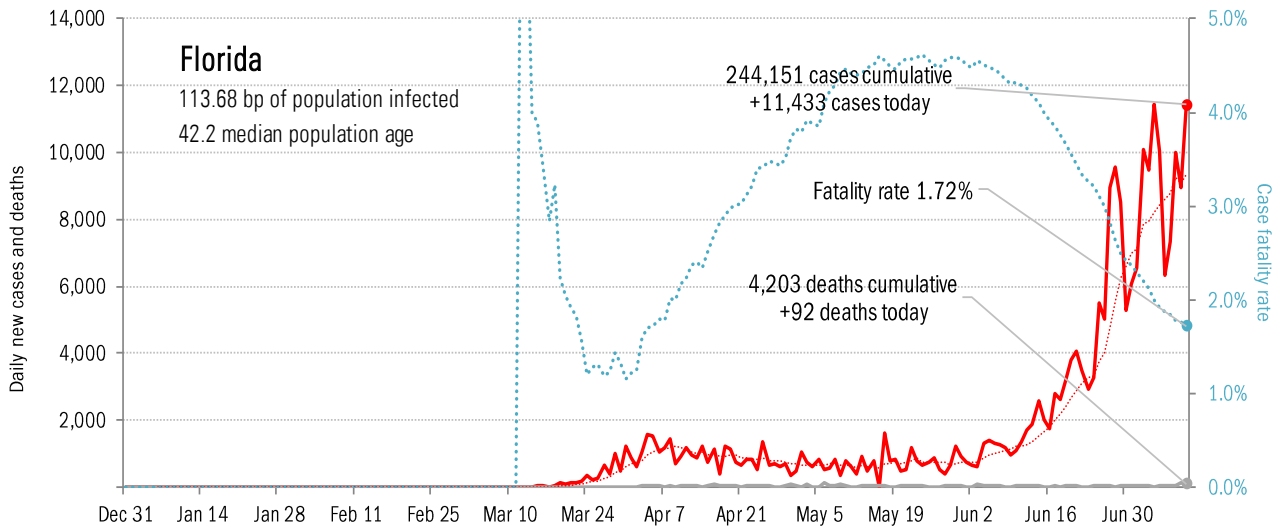
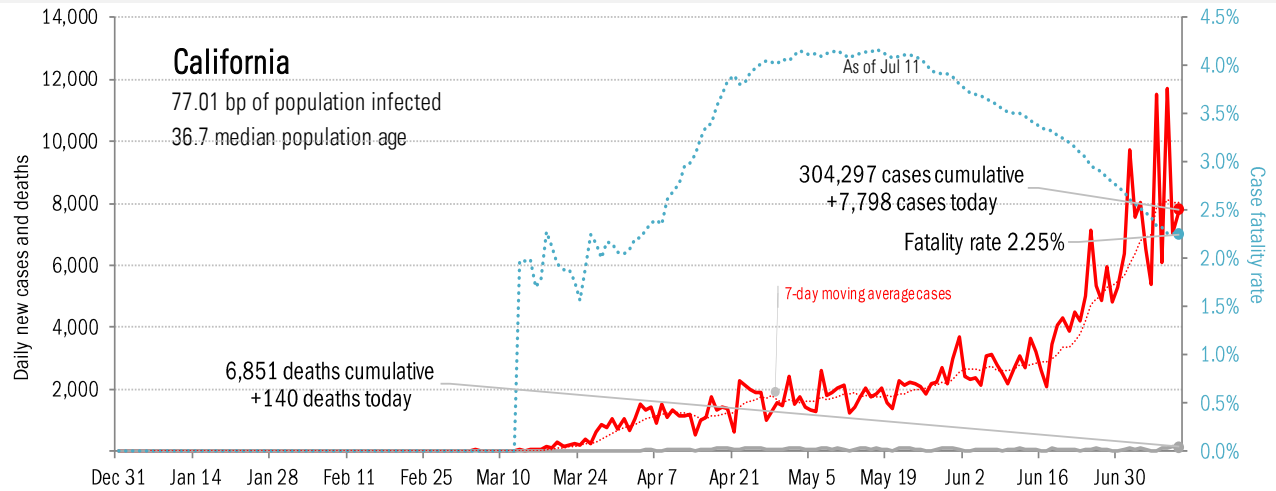
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



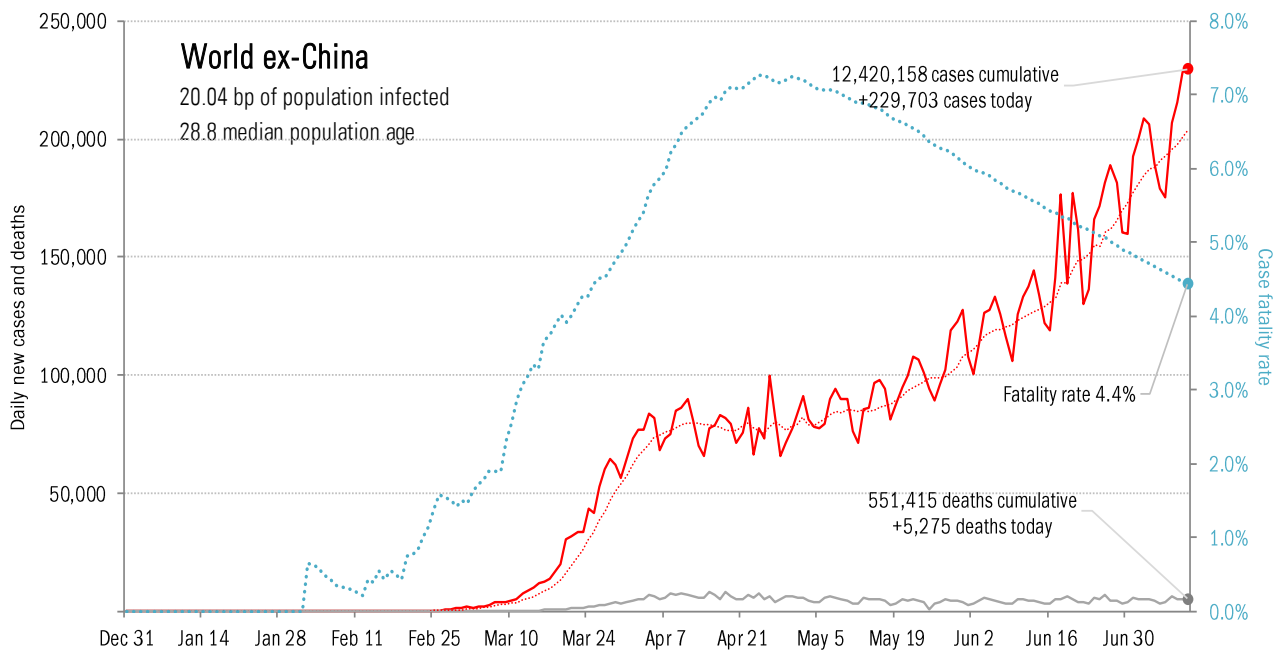
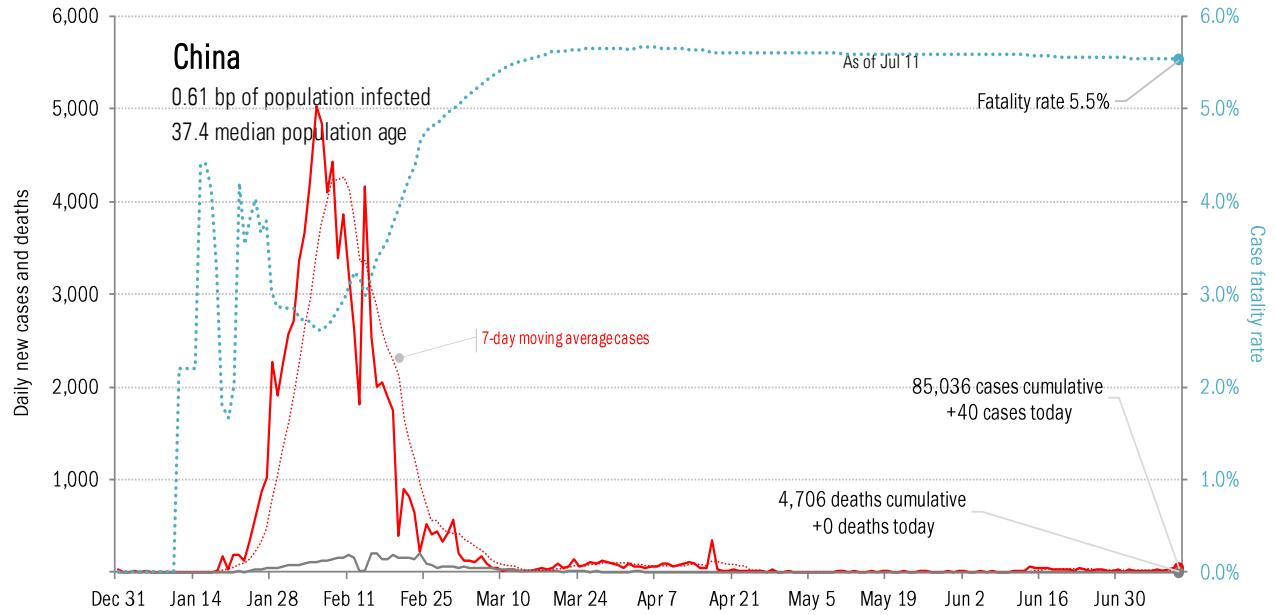
Source: [ECDC](#), TrendMacro calculations

The "second wave" states (other than Texas)



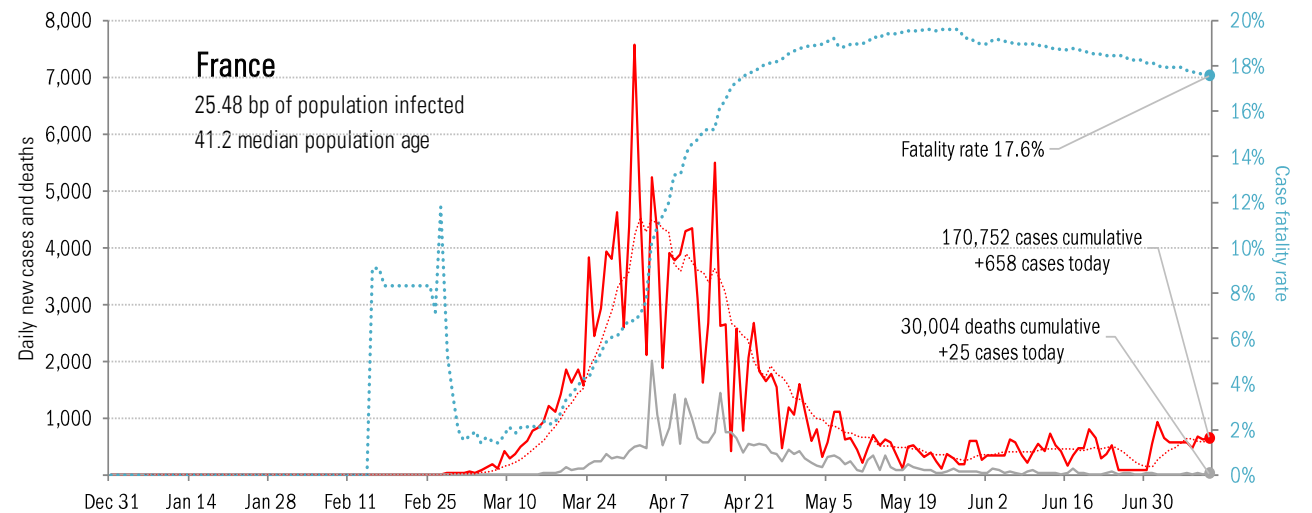
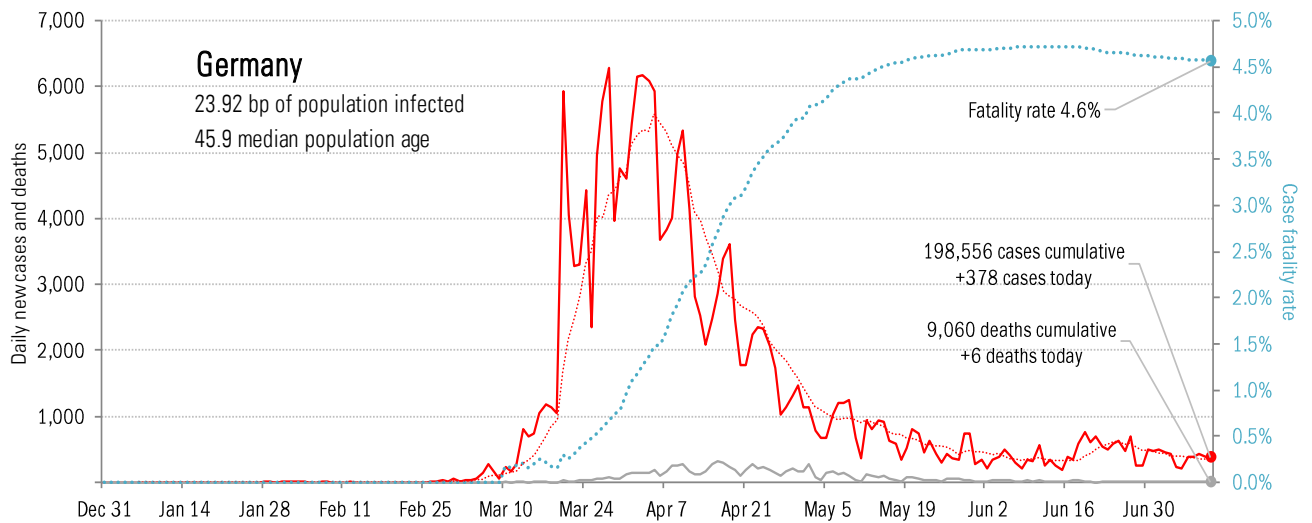
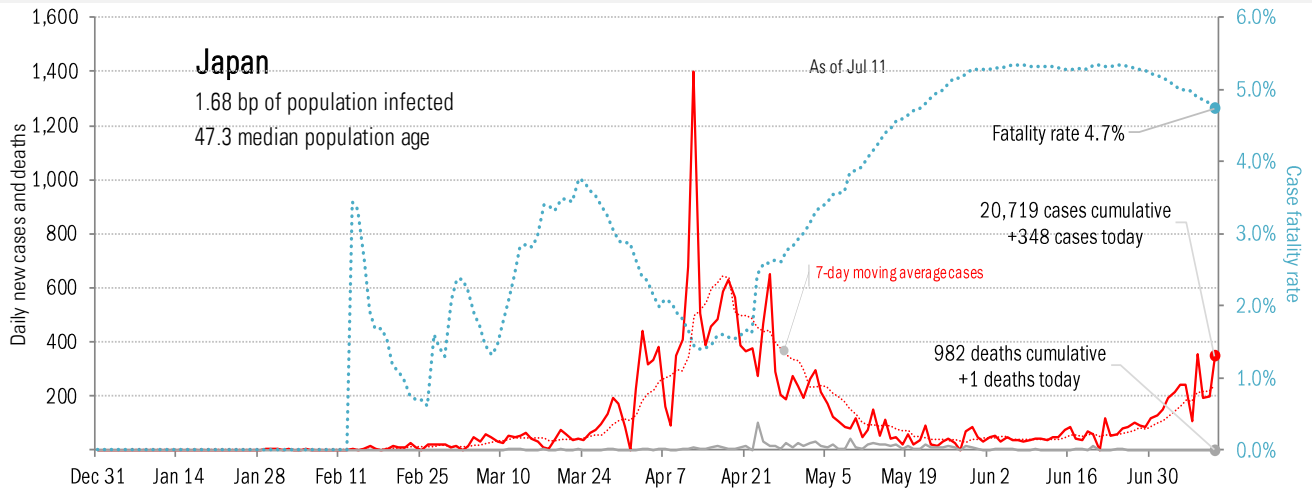
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



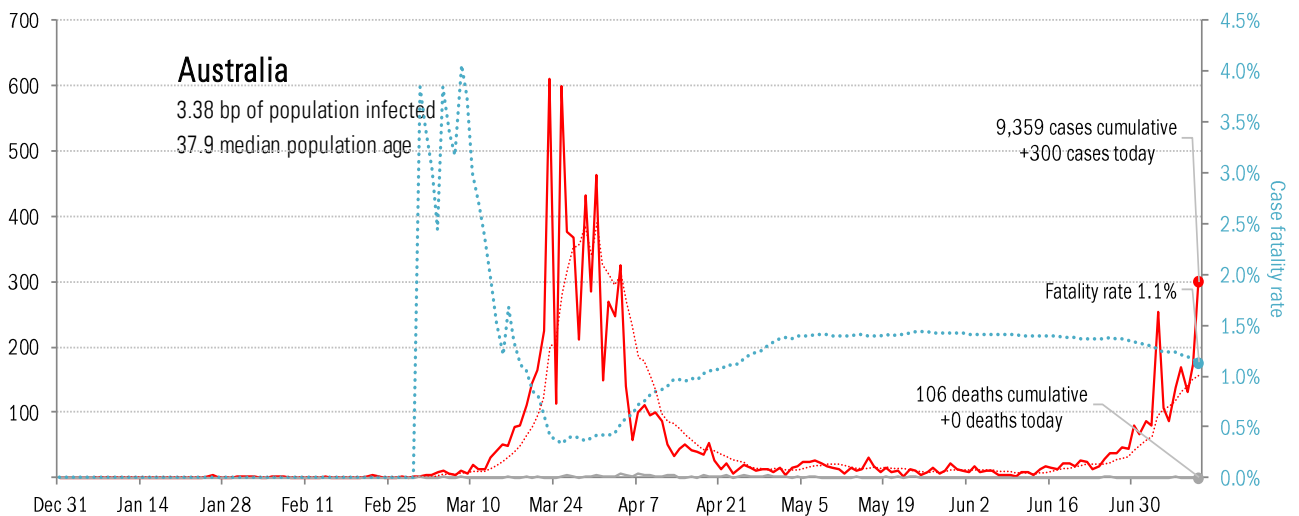
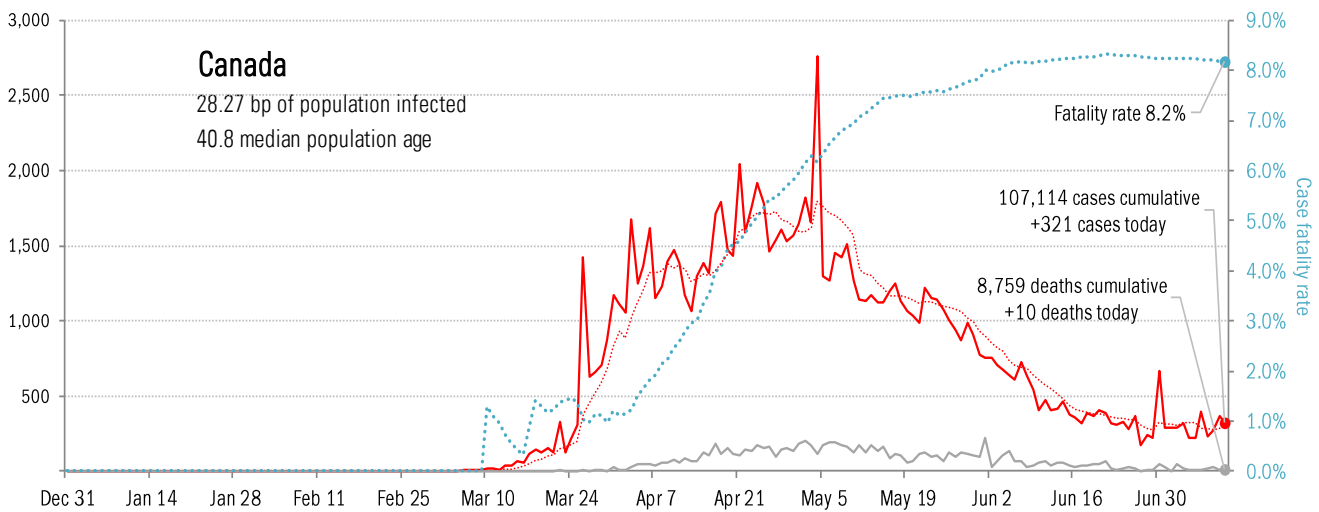
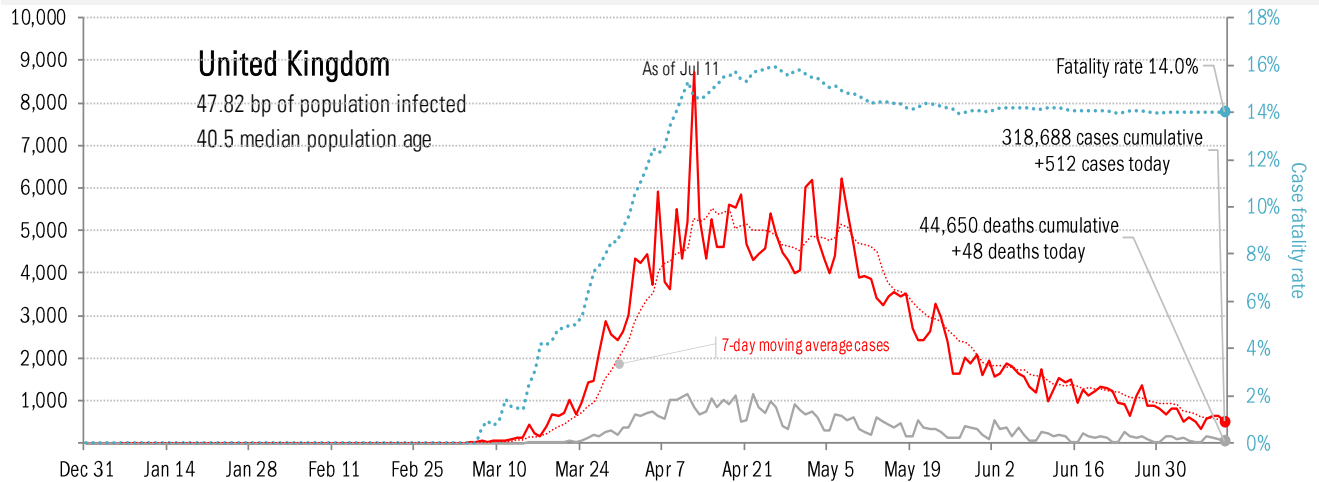
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



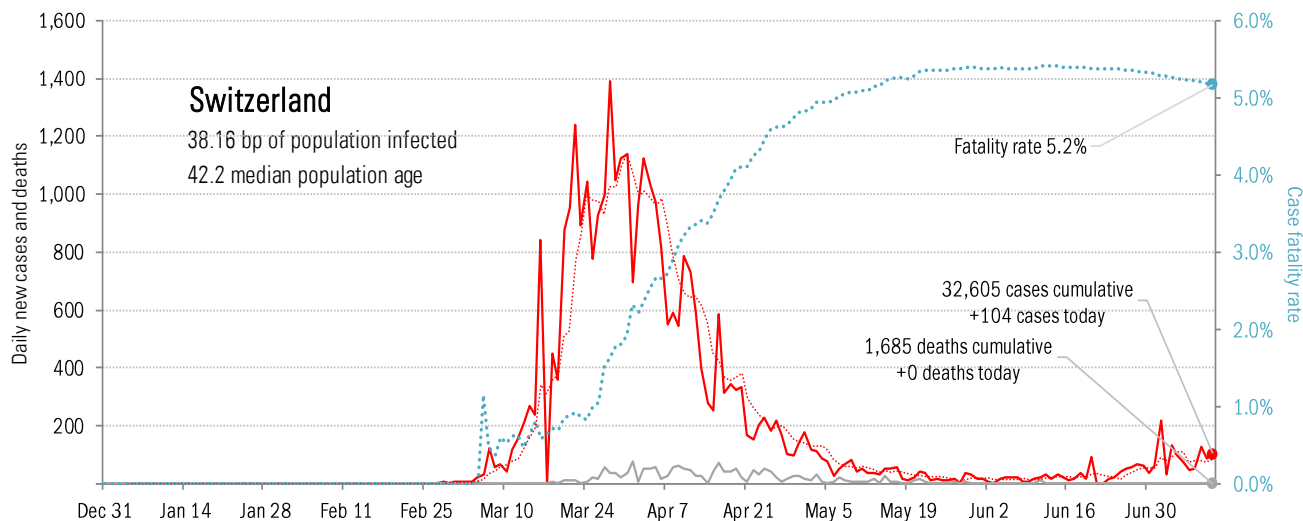
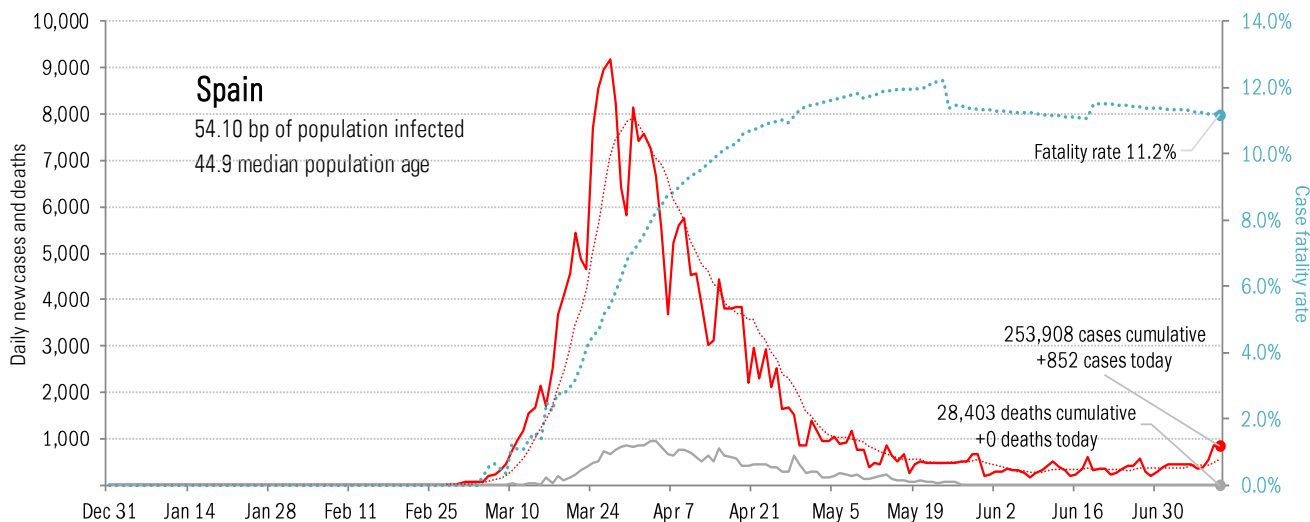
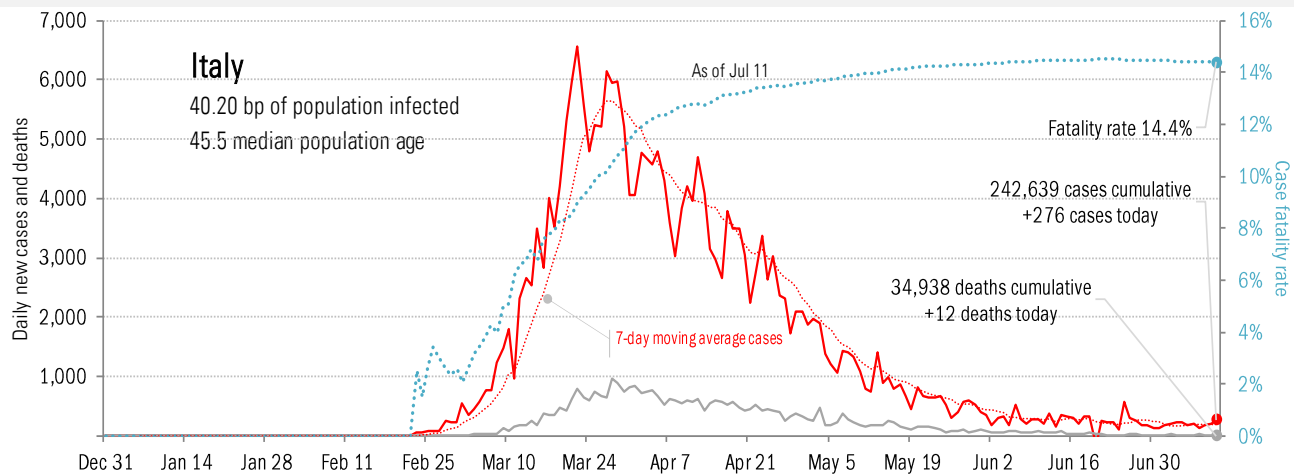
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



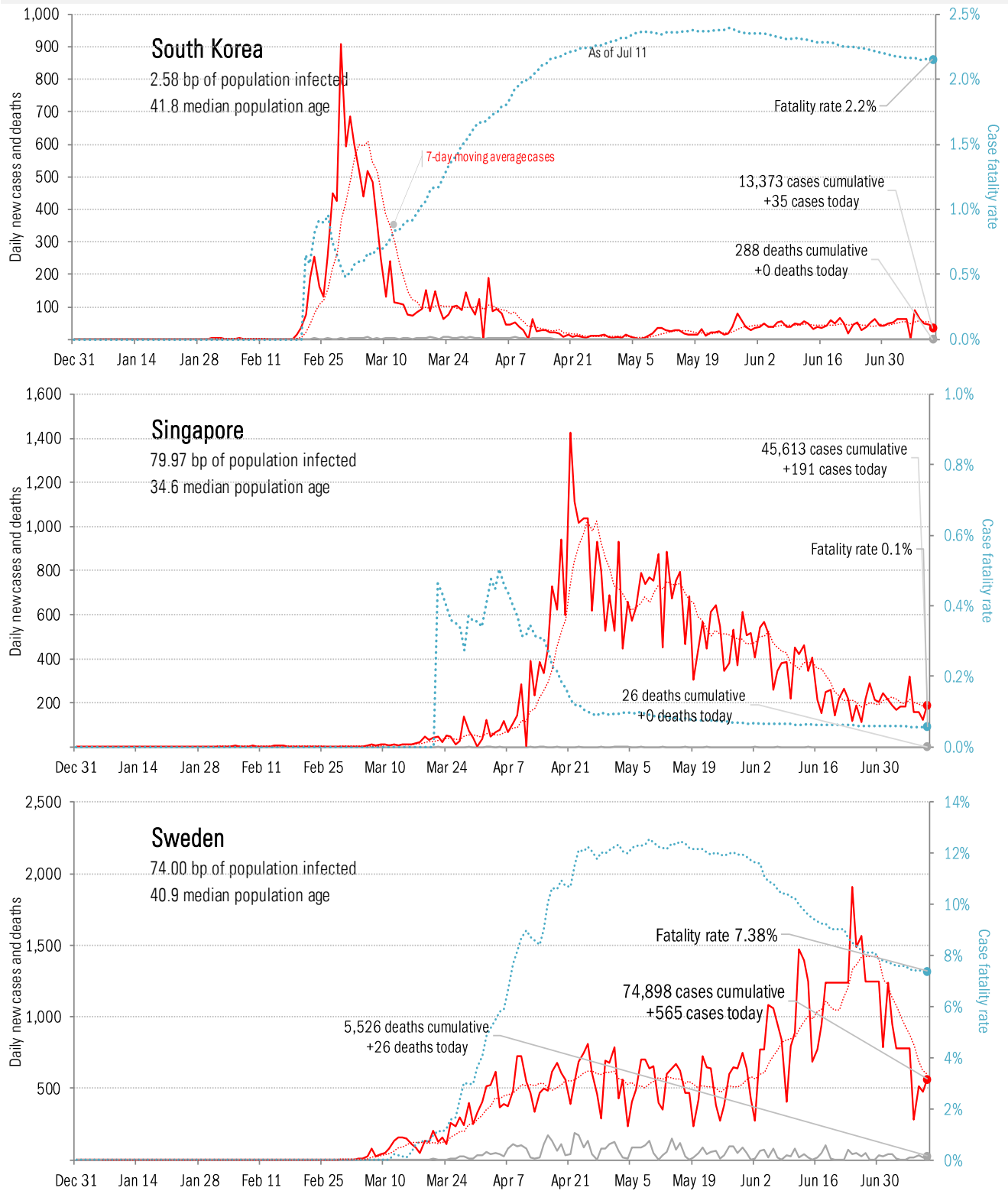
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



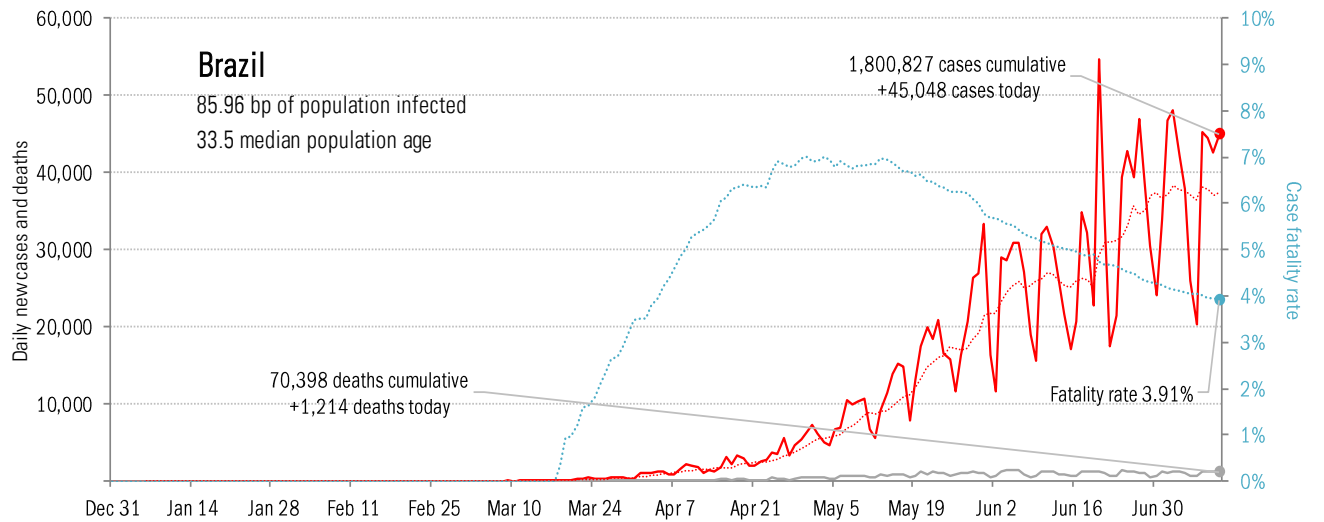
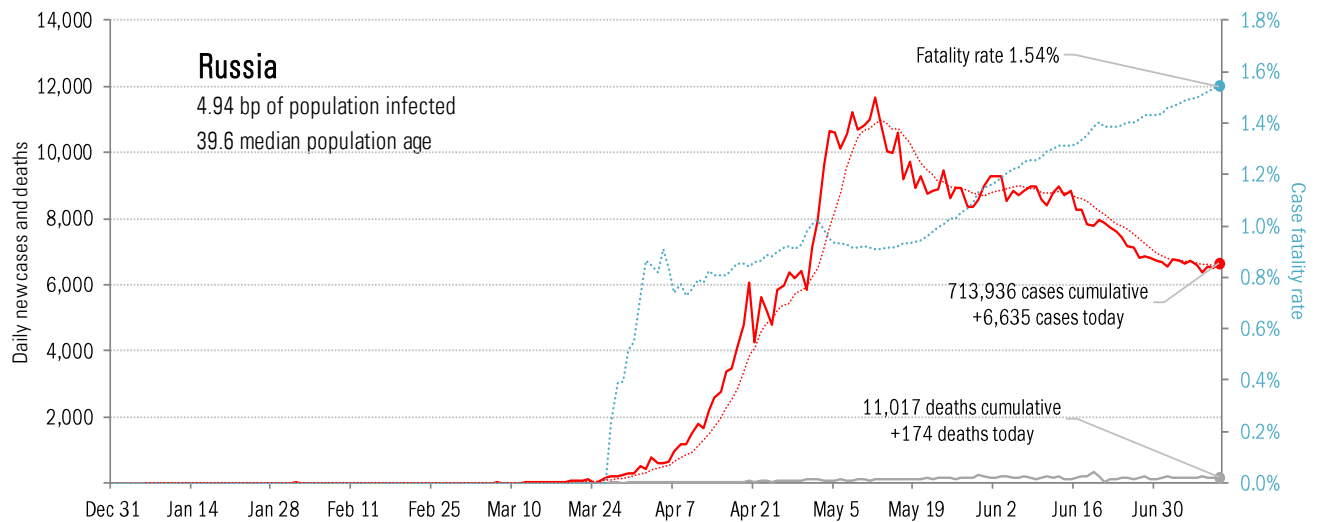
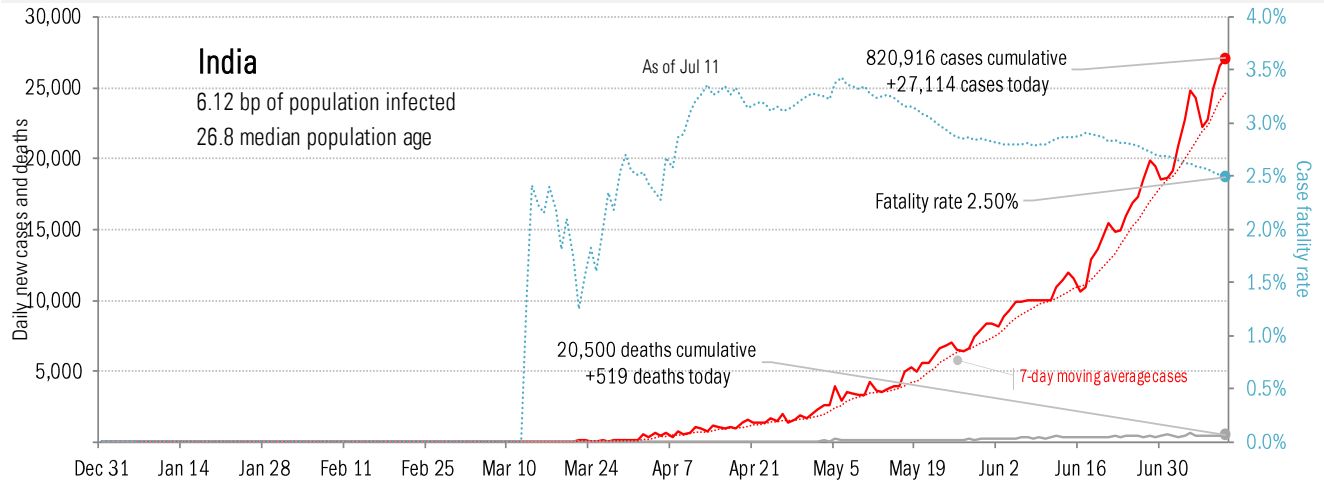
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



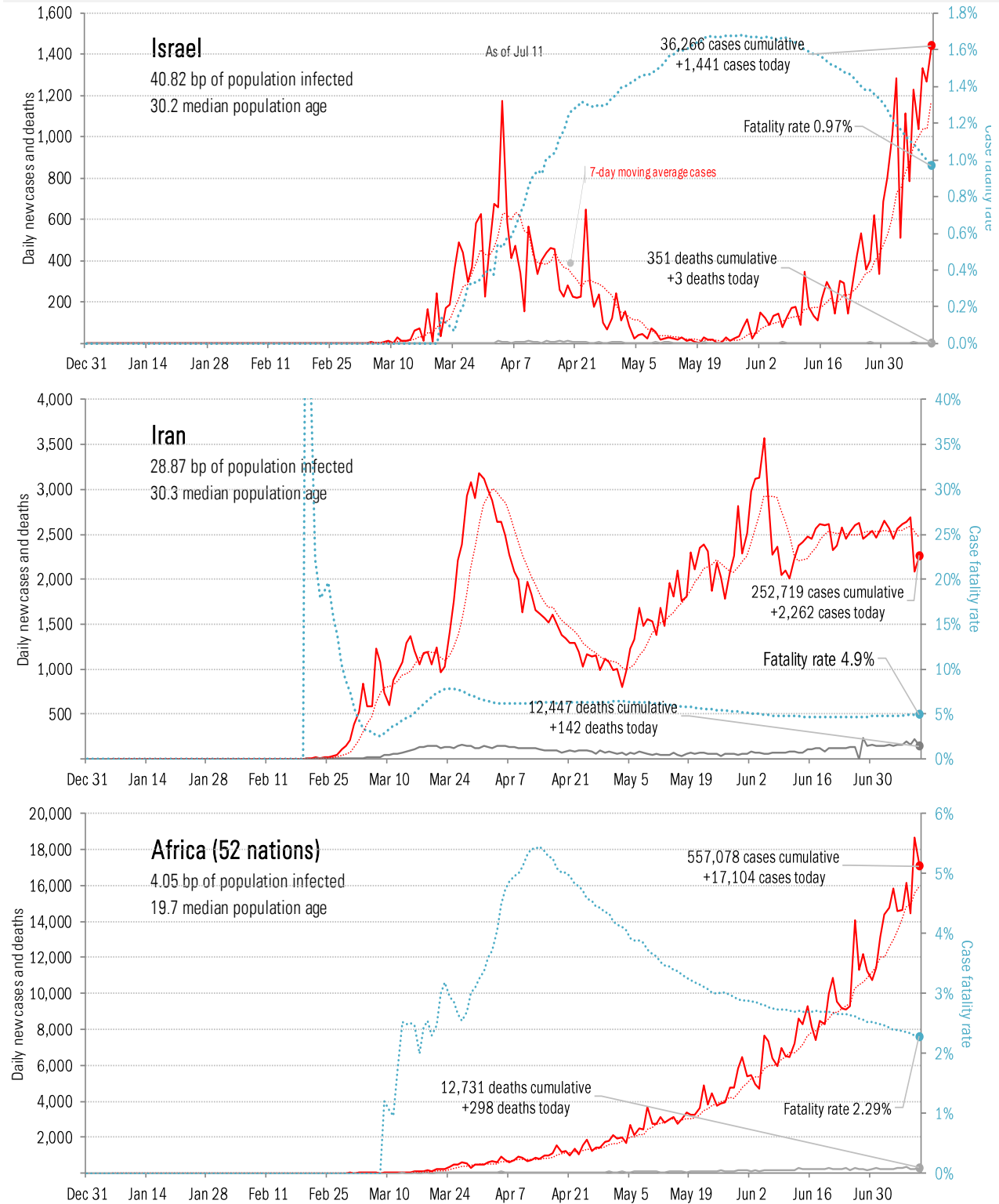
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations