

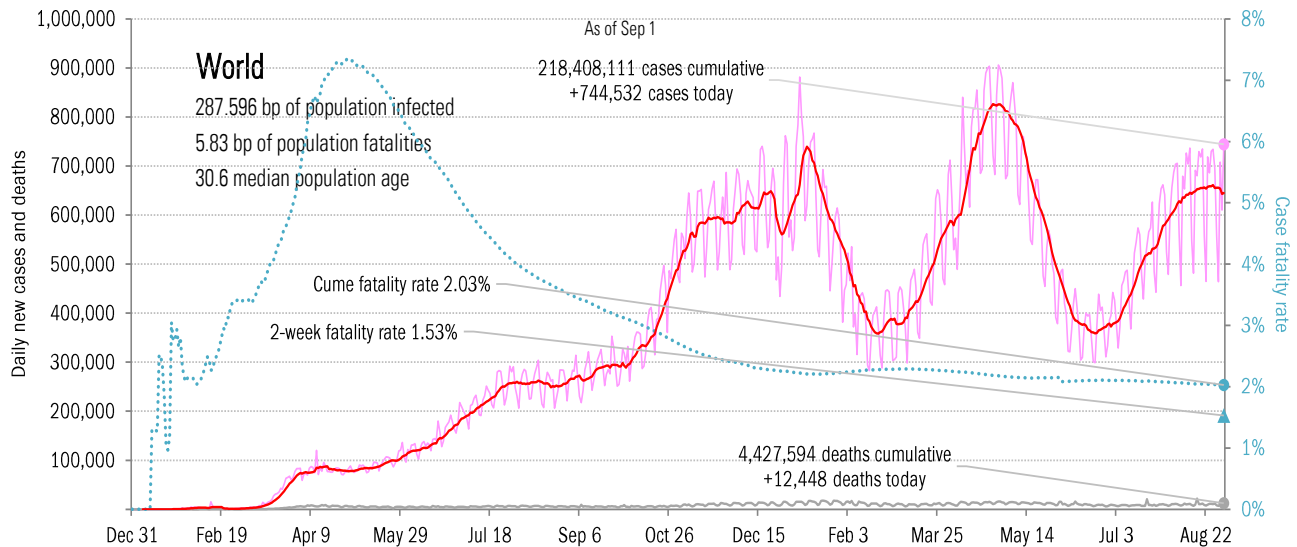
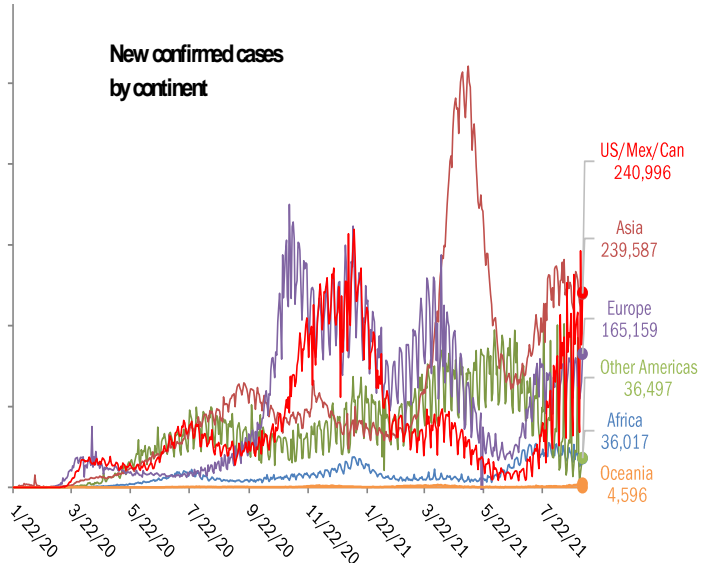
Data Insights: Covid-2019 Monitor

Thursday, September 2, 2021

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	+219,705	United States	+1,973
India	+47,092	Mexico	+1,177
United Kingdom	+35,577	Kazakhstan	+1,077
Iran	+33,170	Vietnam	+804
France	+33,129	Russia	+772
Brazil	+27,345	Brazil	+737
Turkey	+23,946	Indonesia	+653
Japan	+20,008	Iran	+599
Malaysia	+18,762	India	+509
Russia	+17,955	Turkey	+290
+476,689		+8,591	
World +744,532		World +12,448	
Top ten 64%		Top ten 69%	



Source: [Johns Hopkins](#), TrendMacro calculations

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

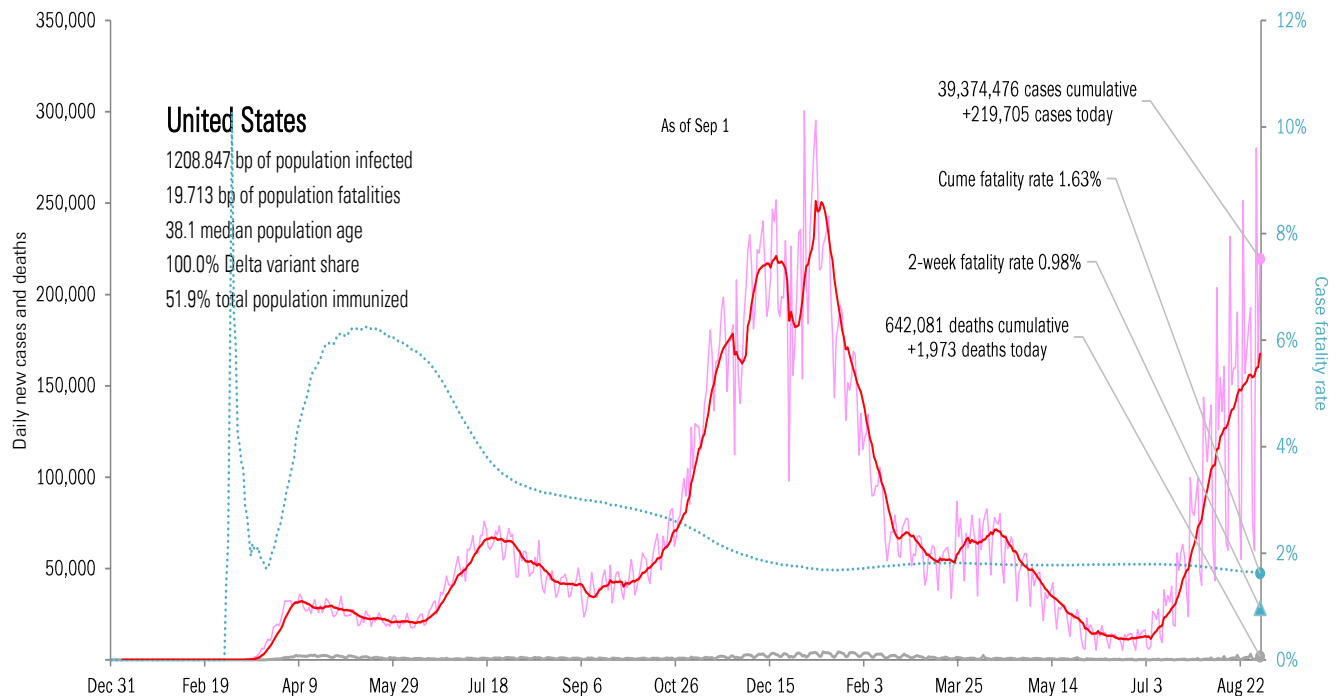
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+27,413		TX	+337		WI	+81		CA	4,383,152		CA	66,036		TX	321,791		GA	91%	AL	104%
CA	+22,363		FL	+236		AZ	+73		TX	3,639,659		TX	57,381		CA	279,516		RI	87%	GA	96%
FL	+21,680		LA	+223		OH	+73		FL	3,201,569		NY	54,282		FL	278,543		FL	86%	TX	95%
LA	+12,380		CK	+189		TN	+59		NY	2,282,836		FL	44,215		NY	147,091		MA	84%	FL	93%
GA	+9,702		CA	+163		CO	+53		IL	1,528,120		PA	28,235		GA	136,336		MD	84%	AR	92%
TN	+9,419		GA	+130		IN	+53		GA	1,413,284		NJ	26,902		PA	98,416		PA	83%	CK	92%
IA	+8,308		SC	+86		NJ	+43		PA	1,303,699		IL	26,412		CH	97,941		SC	83%	KY	89%
NC	+7,248		MS	+81		ID	+29		CH	1,228,002		GA	22,870		KY	94,377		TX	82%	ID	89%
CH	+7,102		MI	+69		WV	+27		NC	1,220,902		MI	21,616		IL	92,886		MO	82%	MS	88%
SC	+5,347		AZ	+67		TX	+26		NJ	1,094,249		CH	20,866		MI	78,056		AL	80%	LA	88%
+130,962			+1,581			+517			21,295,472			368,815			1,624,953						
All states	+219,705		+2,209			+64			All states	39,374,476		642,081			2,875,558			All states	70%	67%	
Top ten	60%		72%			808%			Top ten	54%		57%			57%			Median	76%	79%	

Some states not reporting

Five most improved US states

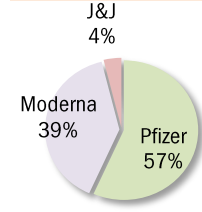
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
MN	-2,446	MO	-93	GA	-294	GA	+70 bp
NE	-1,756	CH	-67	CR	-68	MS	+70 bp
GA	-819	AL	-53	AL	-61	AR	+30 bp
AL	-515	IN	-43	KY	-61	UT	+30 bp
SD	-442	ID	-24	SC	-41	CT	+20 bp



Source: [Johns Hopkins](#), [Dept. of Health and Human Services](#), [CDC](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	One dose	% Pop	Immune	% pop	New immune today			
	381,669,134				+1.095 million	US	51.9%	61.1%
Total population	210,484,557	63%	179,048,655	54%	+0.486 million	UK	62.9%	70.5%
Age 12 to 17	12,578,787	53%	9,583,470	40%	+0.088 million	France	59.8%	71.8%
Age 18 to 64	144,876,833	71%	122,346,557	60%	+0.348 million	Spain	71.4%	78.2%
Age 65 and over	52,008,477	95%	46,285,148	85%	+0.048 million	Germany	60.1%	64.7%
						Italy	61.0%	70.8%
						Australia	28.4%	48.0%
						Israel	62.5%	68.2%
						Canada	66.9%	73.5%
						Japan	46.9%	57.9%
						Africa	2.8%	5.1%
						India	10.9%	36.6%
						Brazil	29.7%	63.8%
						China	61.6%	74.3%



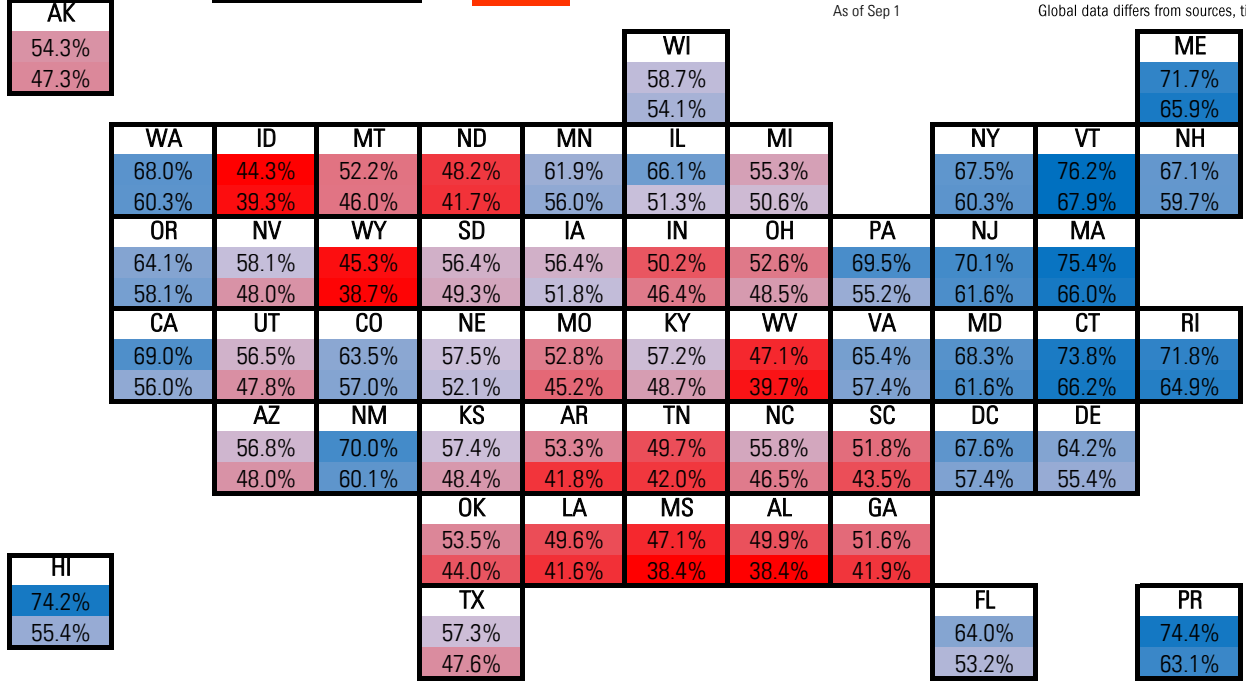
State
At least partial immunity as % population
Full immunity as % population



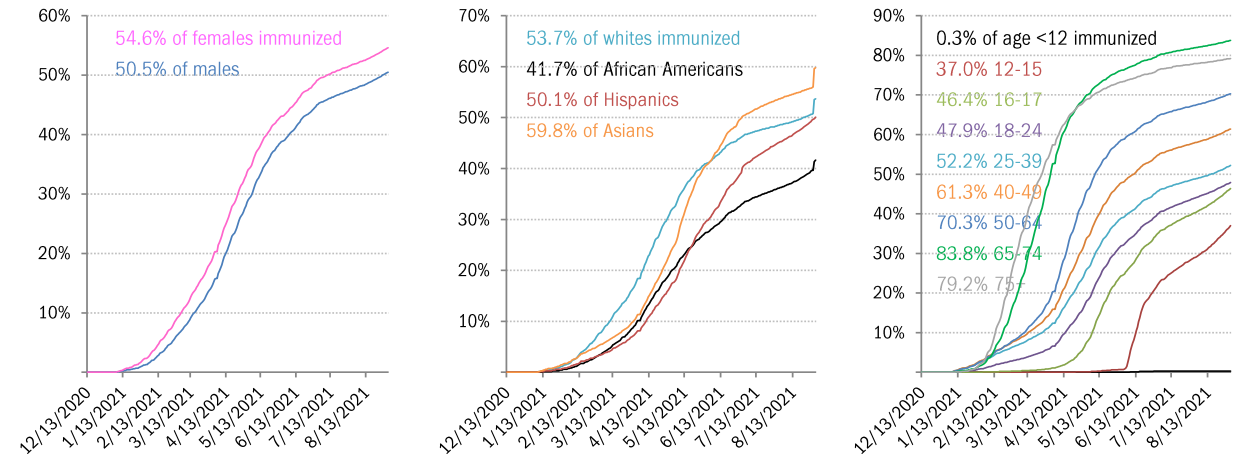
Every American >18 immune in **97 days** by Dec 7, 2021
 65.3% of population >18 immunized
 13.4% previously tested positive
78.7% vs 60% adult herd immunity

As of Sep 1

Global data differs from sources, timing



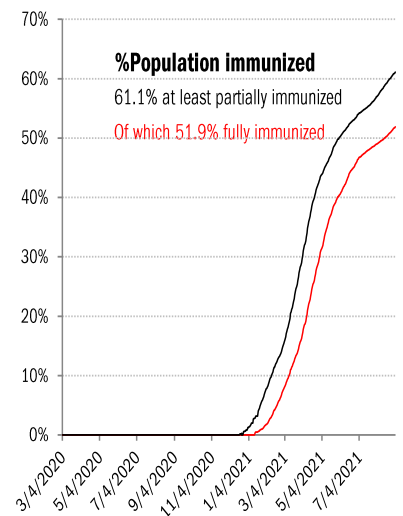
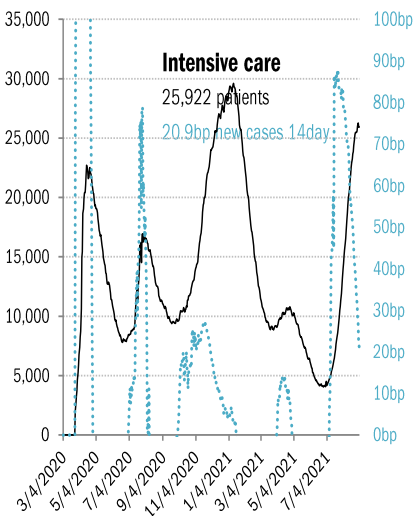
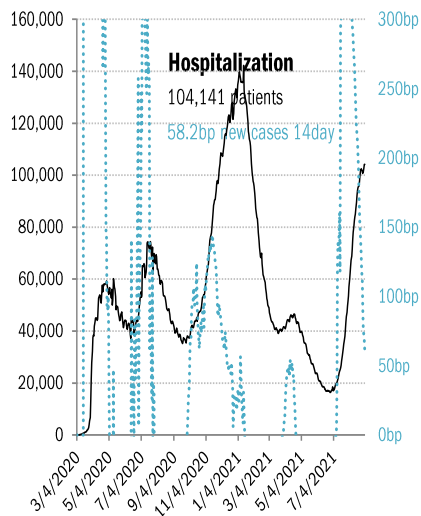
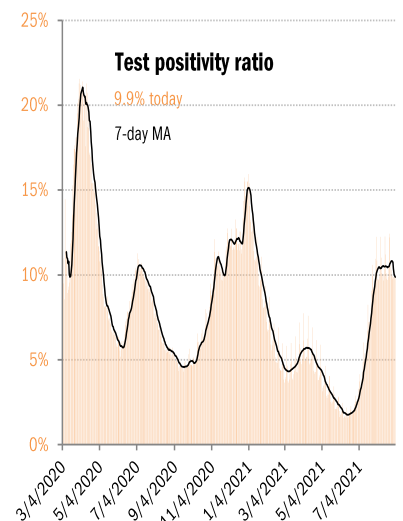
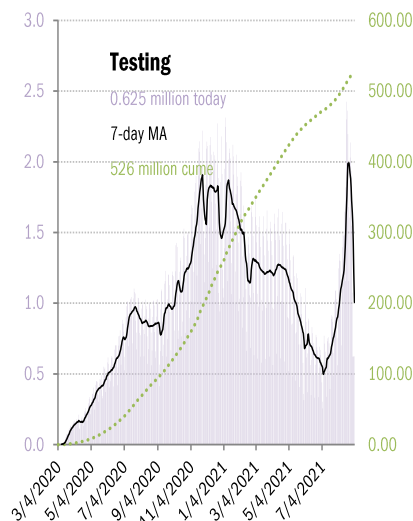
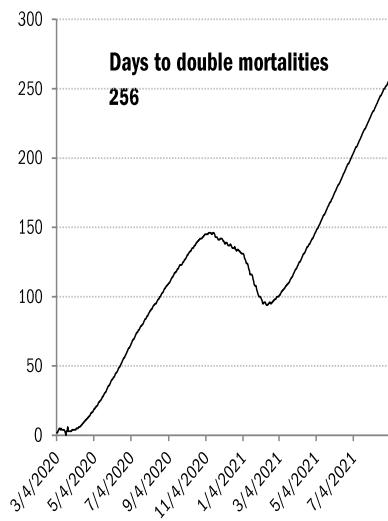
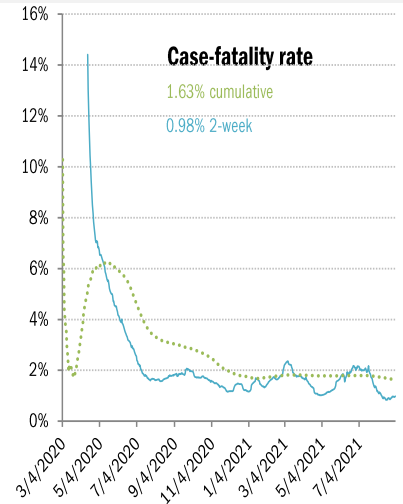
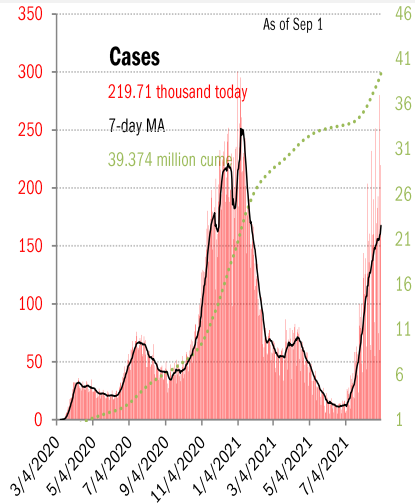
The demographics of US vaccination



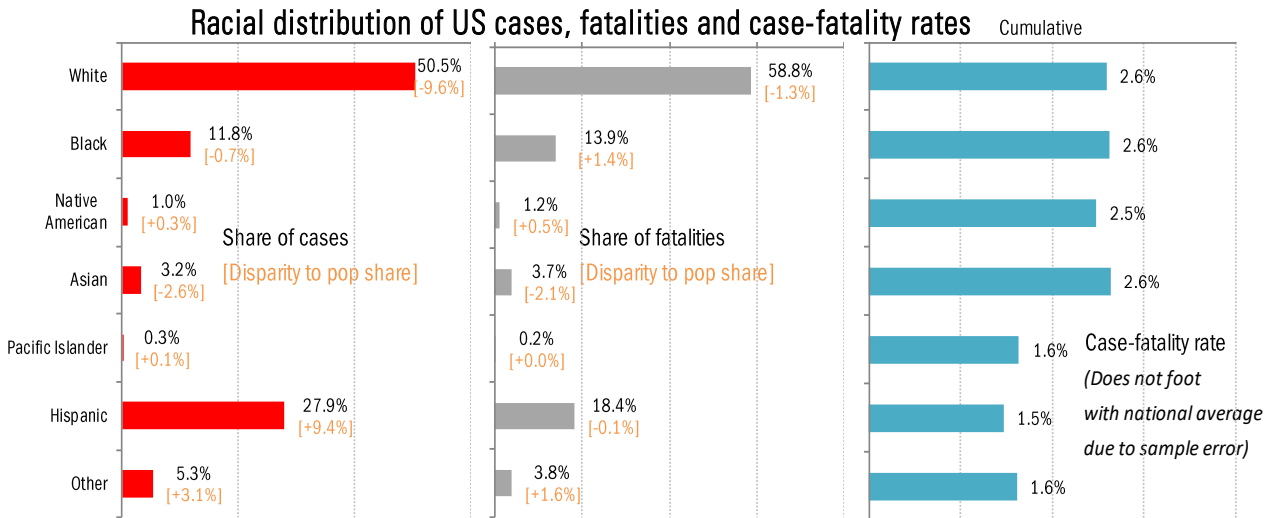
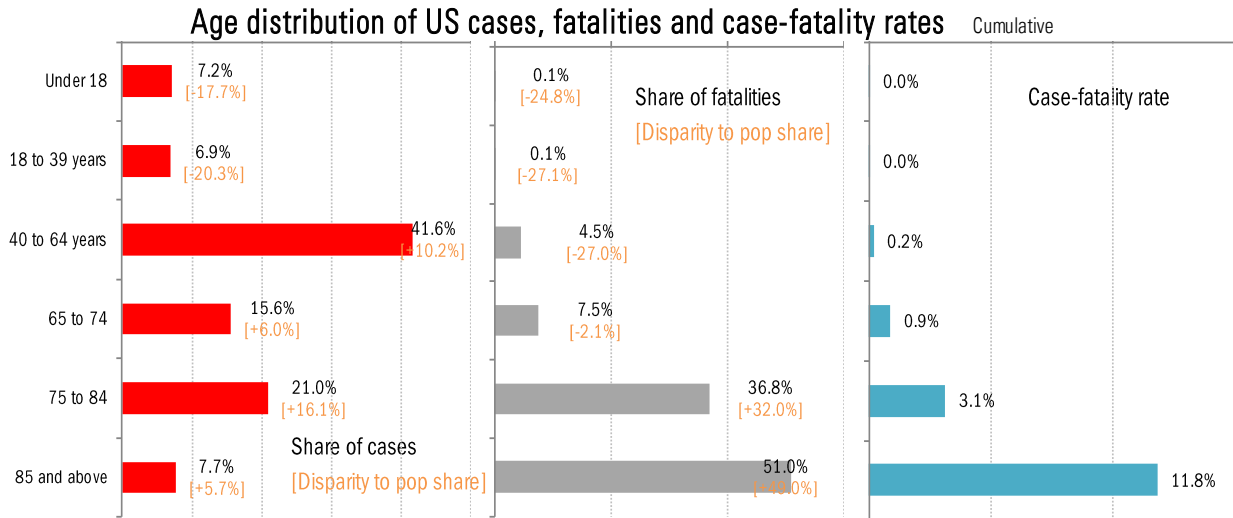
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

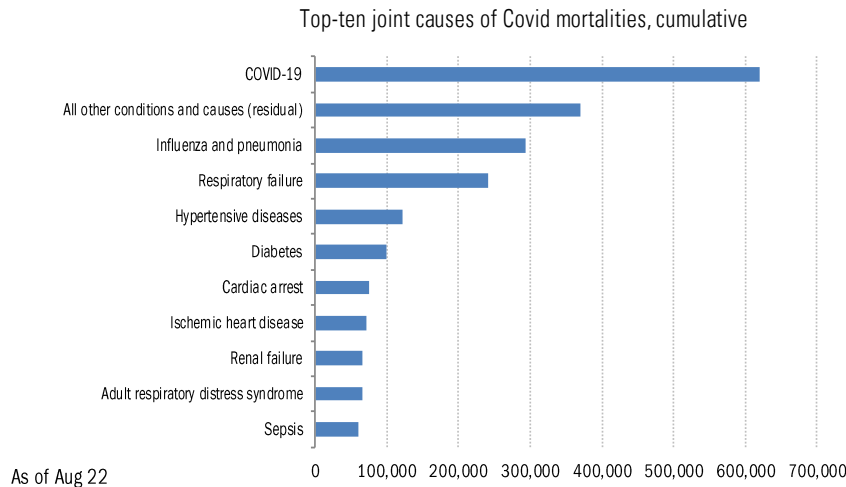
National and state-by-state data do not line up because of different sources



Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities



For over 5% of these deaths, COVID-19 was the only cause mentioned on the death certificate. For deaths with conditions or causes in addition to COVID-19, on average, there were 4.0 additional conditions or causes per death.

Recommended reading

[COVID-19-associated hospitalizations among vaccinated and unvaccinated adults ≥18 years – COVID-NET, 13 states, January 1 – July 24, 2021](#)

Fiona P. Havers et al.
medRxiv
August 29, 2021

[Media Melts Down After Joe Rogan Says He Recovered From Covid in 3 Days After Taking Ivermectin, Z-Pak](#)

Cristina Laila
Gateway Pundit
September 1, 2021

[Biden's top-down booster plan sparks anger at FDA](#)

Sarah Oweremohle
Politico
August 31, 2021

[There's No Mystery in Florida's Covid Reporting](#)

Phil Kerpen
Wall Street Journal
September 1, 2021

[CDC vaccine panel: Let regulators lead on Covid-19 booster shots](#)

Lauren Gardner
Politico
August 30, 2021

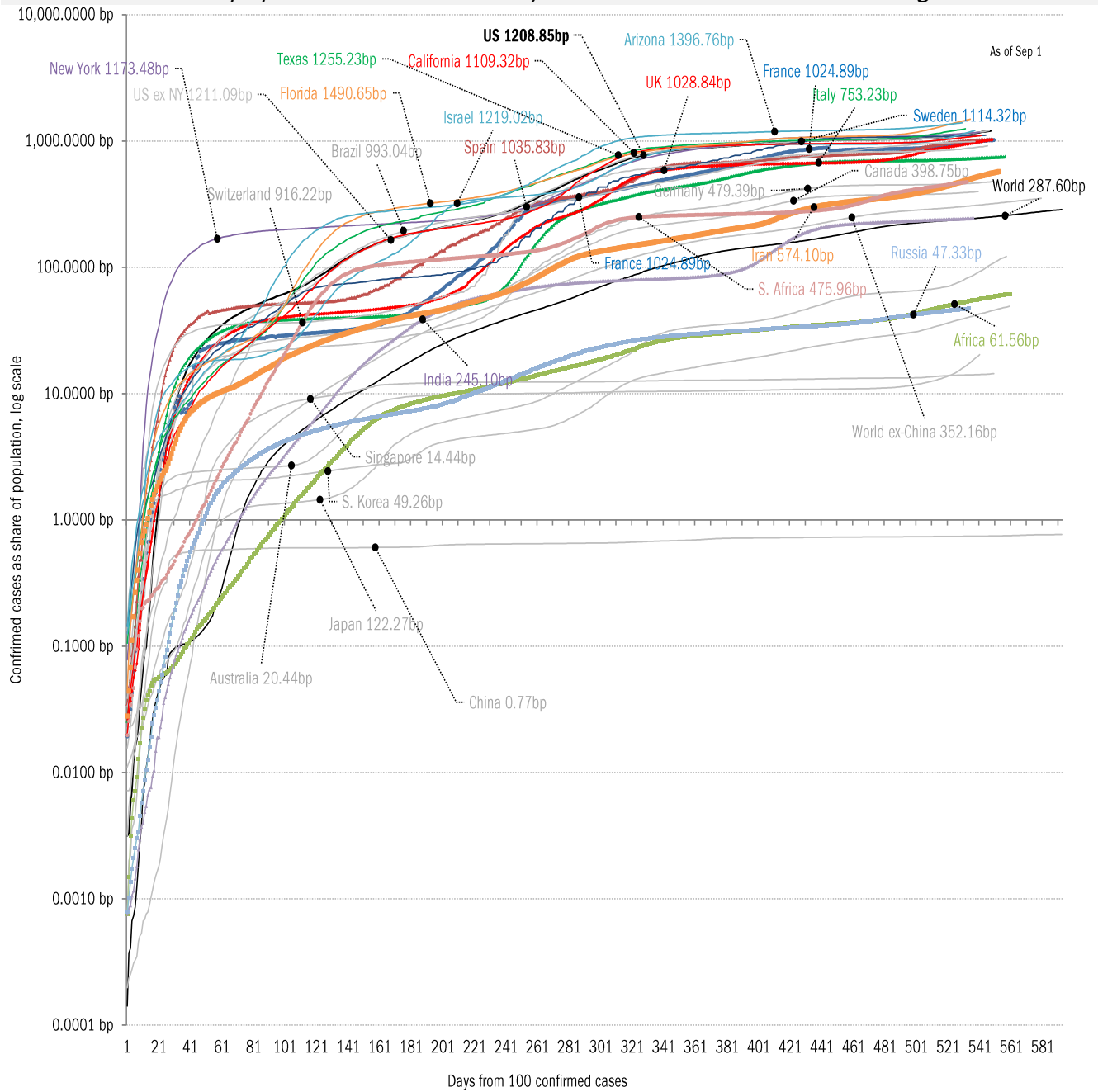
Meme of the day



Biden Deploys Military Back To Afghanistan After Realizing They Left Behind Millions Of Masks

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

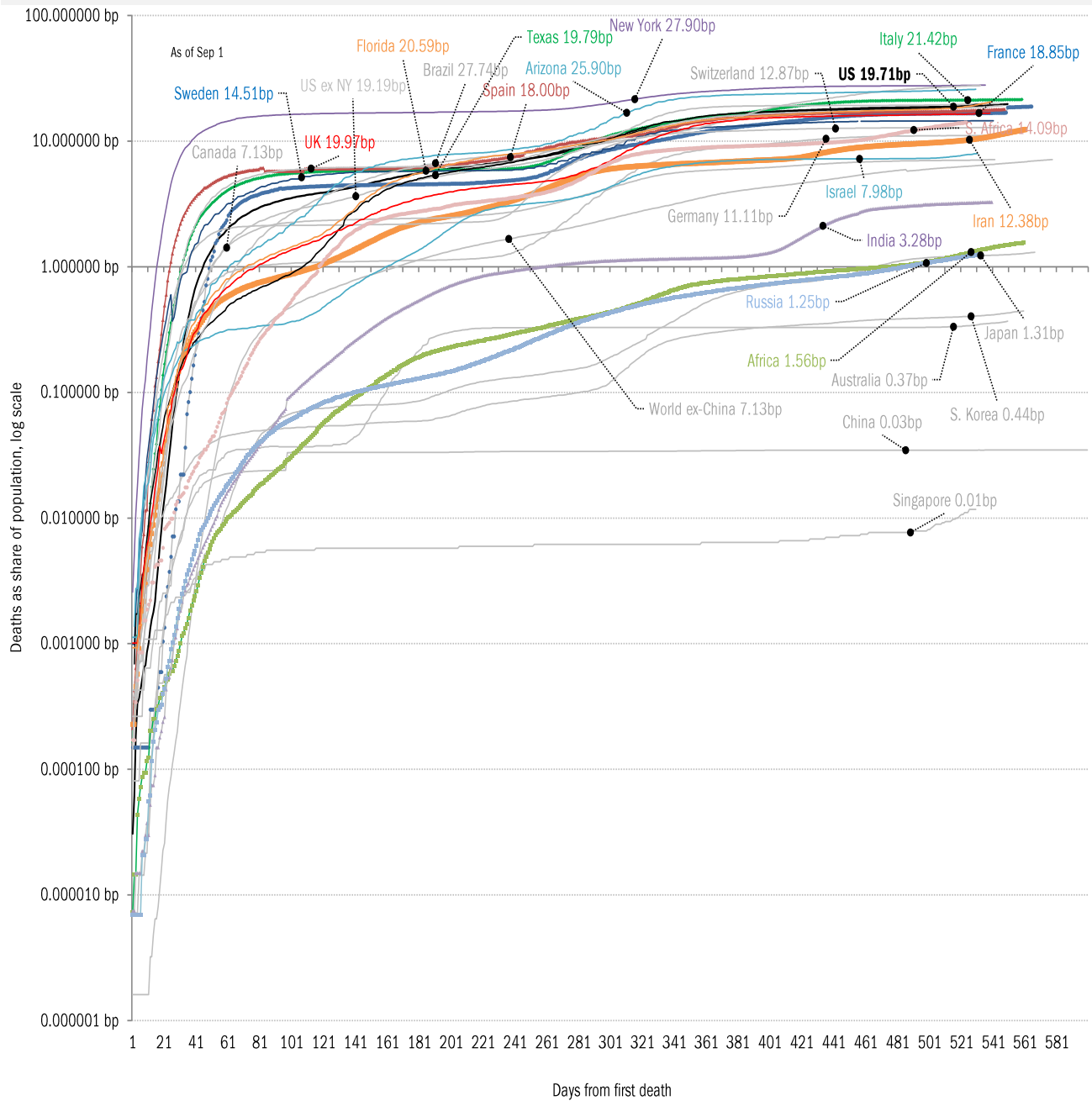
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [Johns Hopkins](#), TrendMacro calculations

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

Share of deceased population from day of first fatality, log scale

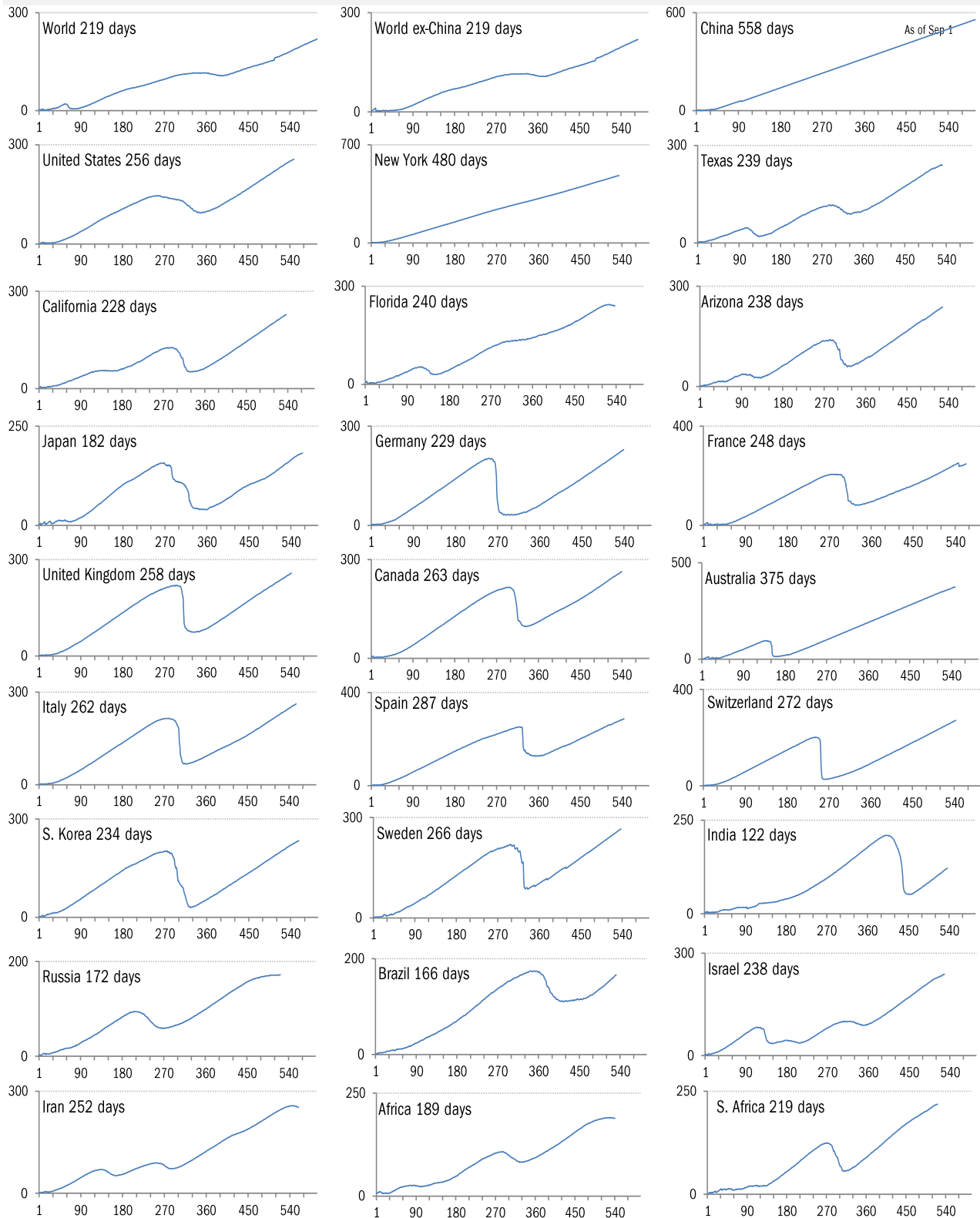


Source: [Johns Hopkins](#), TrendMacro calculations

"Exponential"? Our most reliable evidence of the rate of spread of Covid-19

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

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

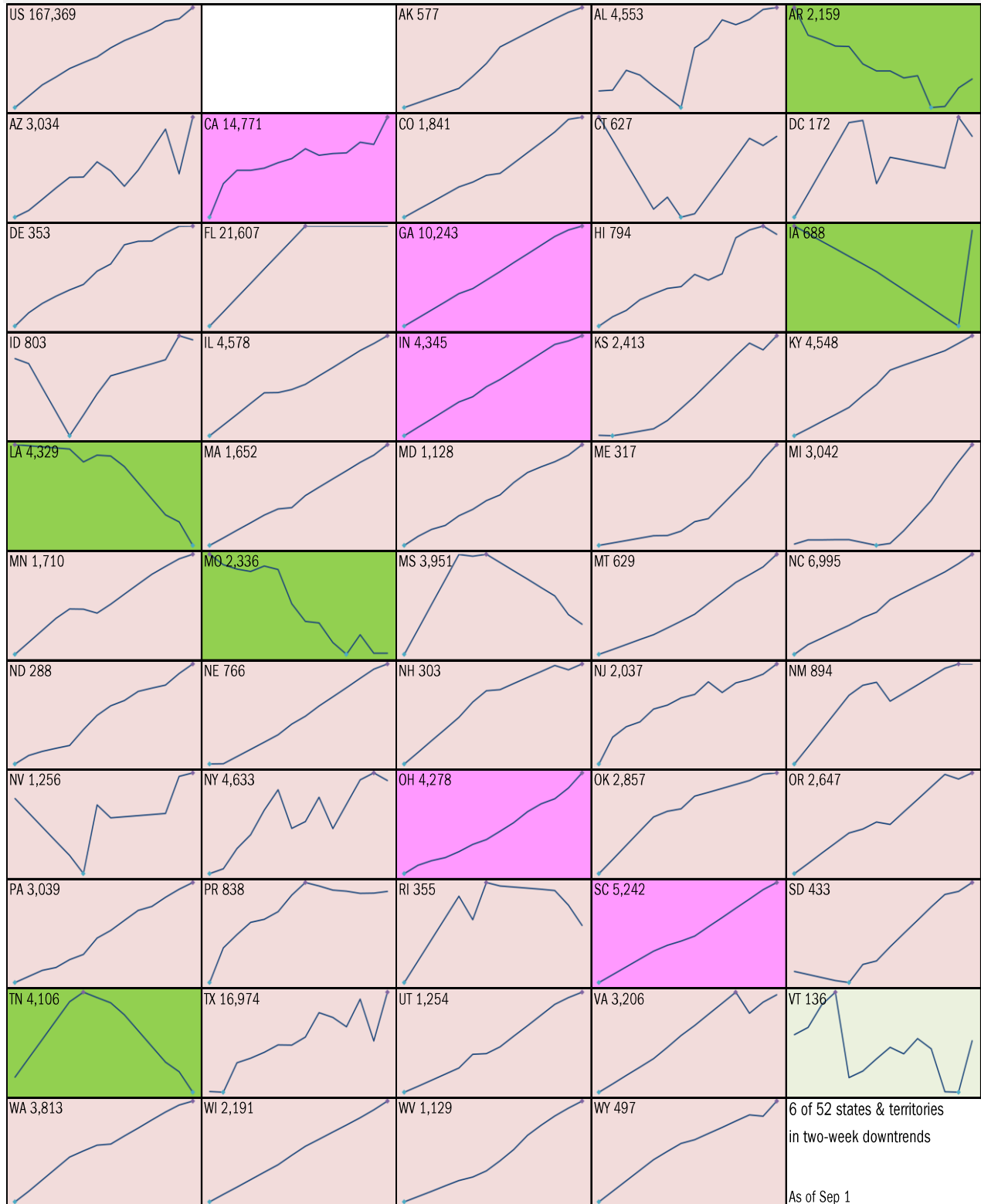


Source: [Johns Hopkins](#), TrendMacro calculations

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

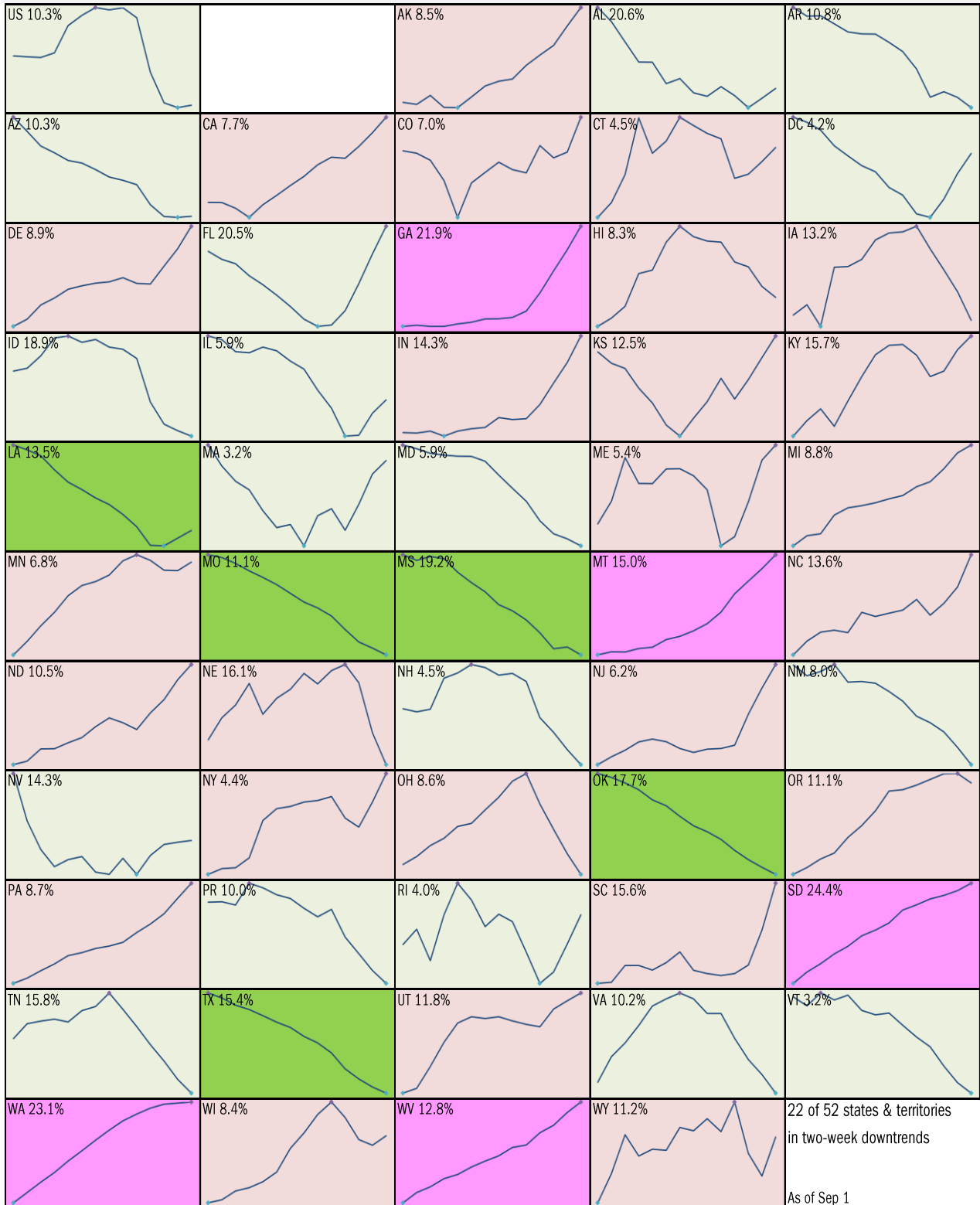


Source: [Johns Hopkins](#), TrendMacro calculations

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

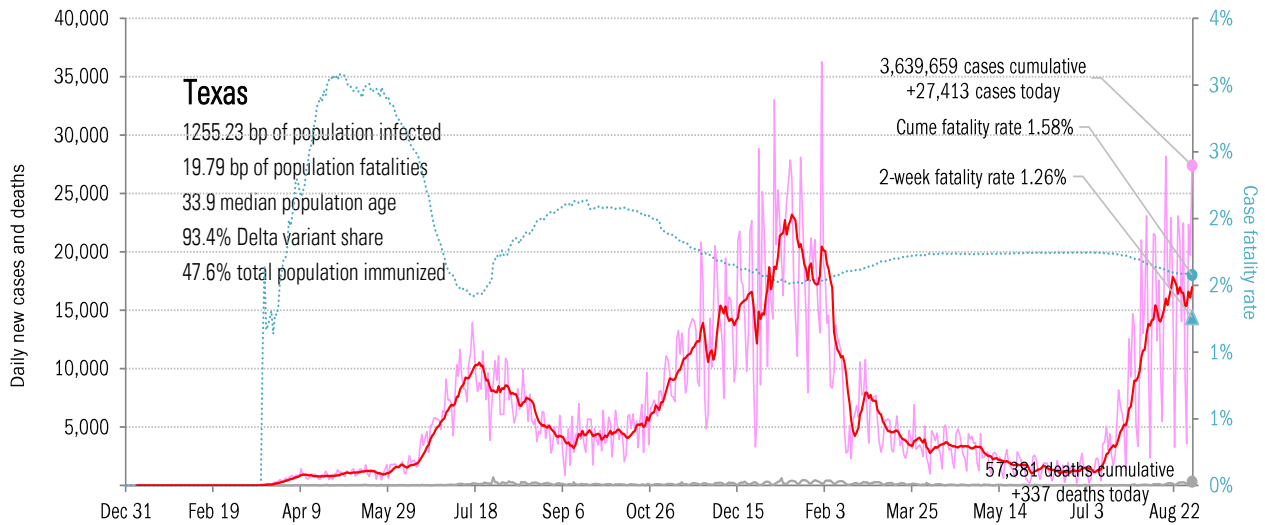
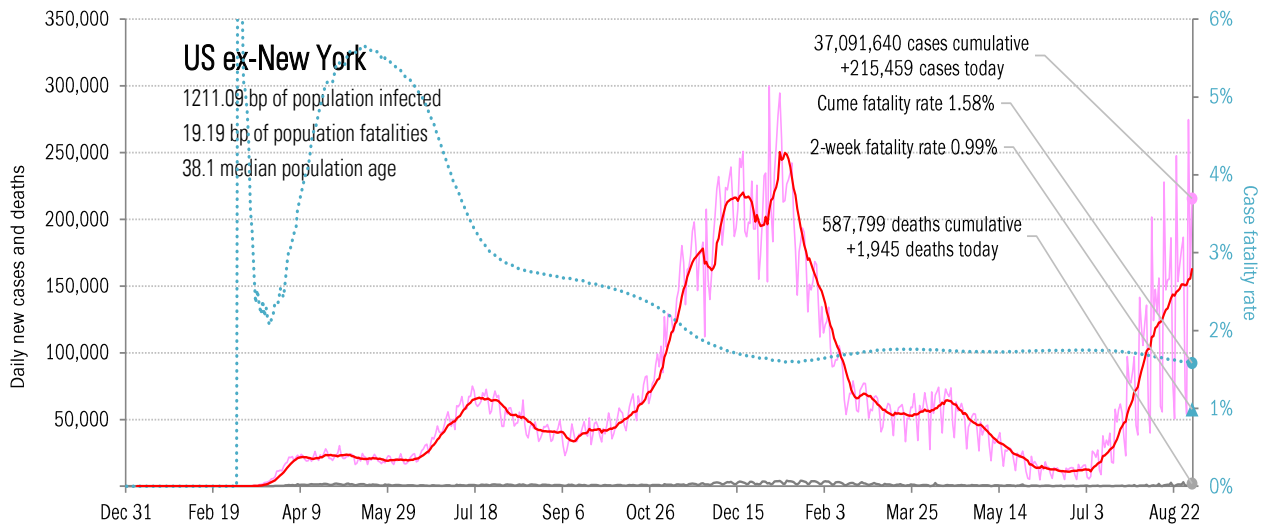
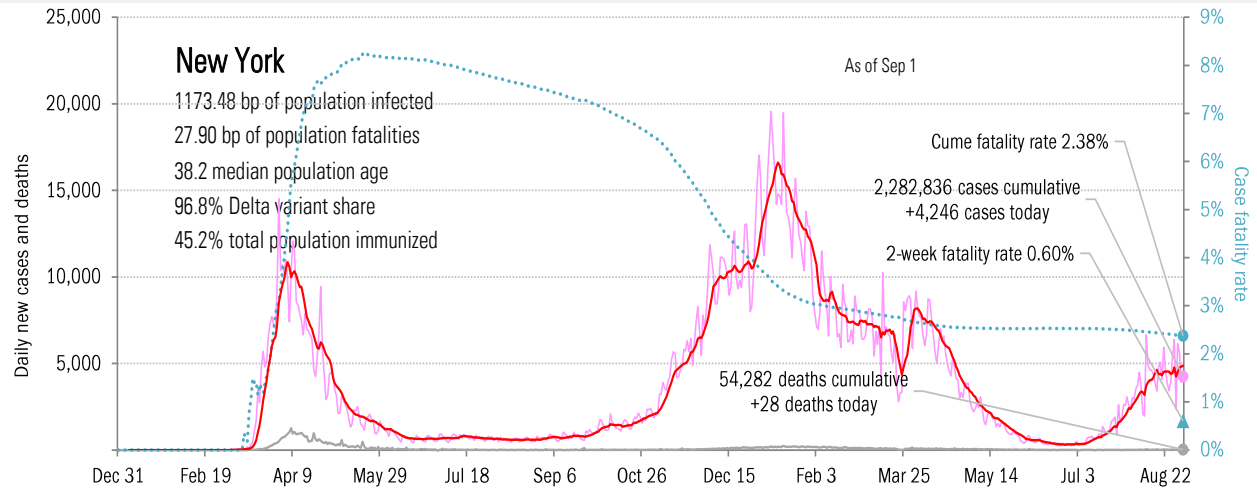
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



Source: [Covid Act Now](#), TrendMacro calculations

From Ground Zero to the Rio Grande

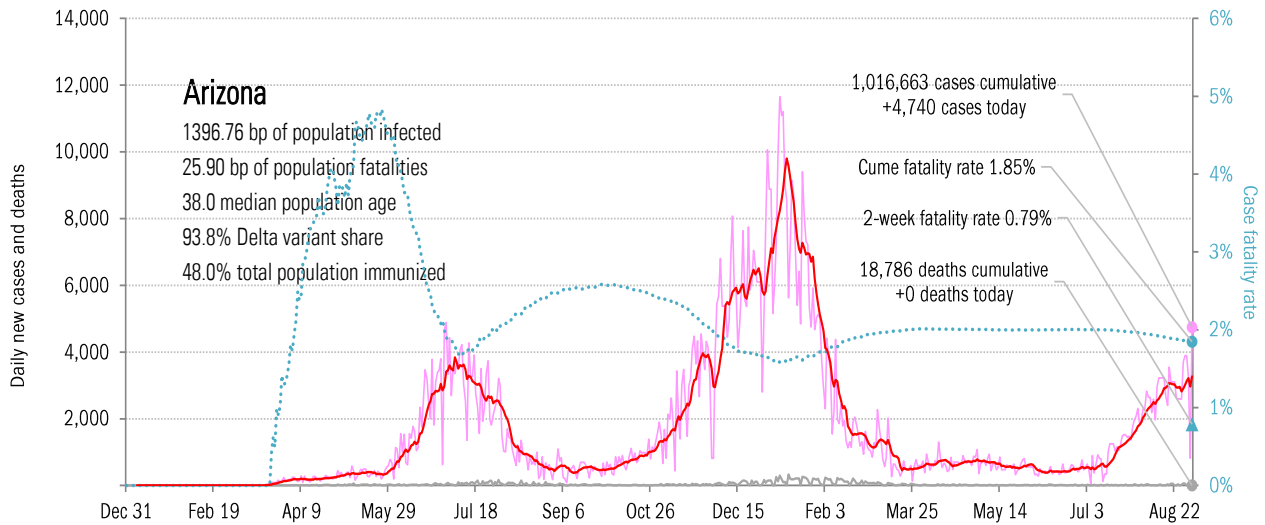
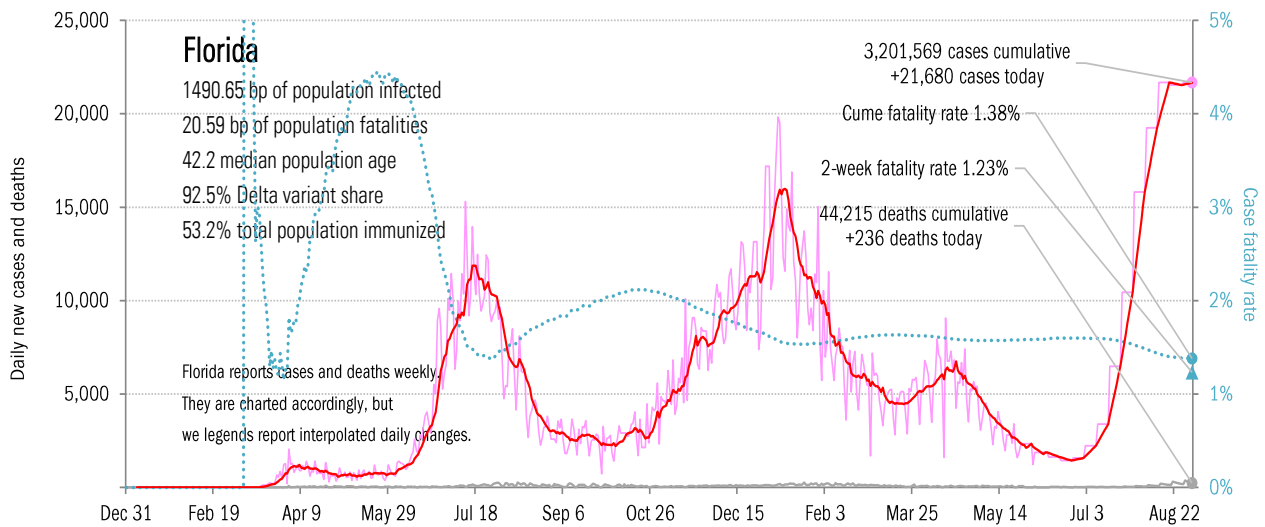
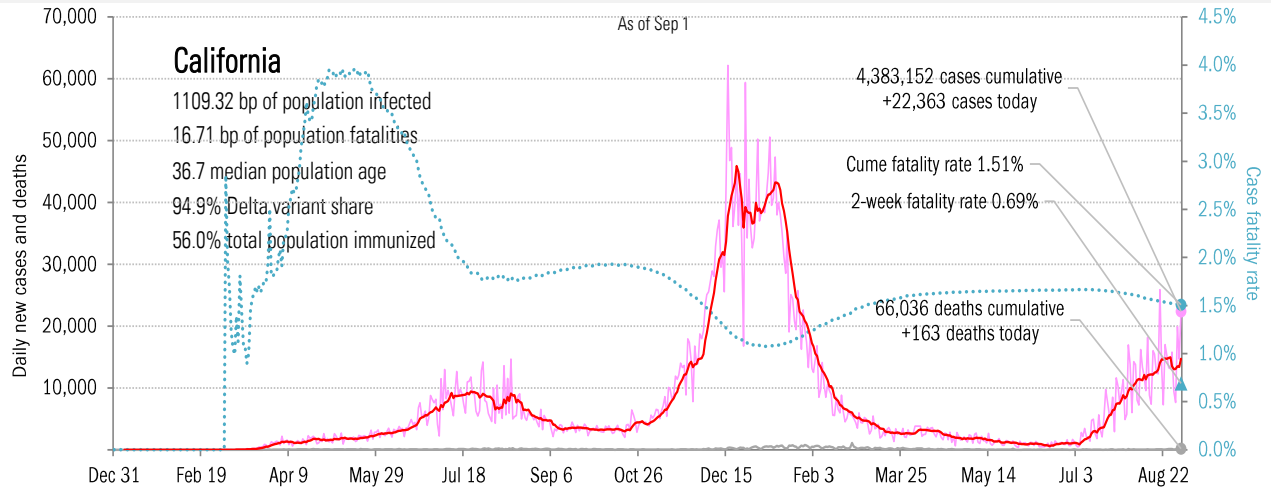
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

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

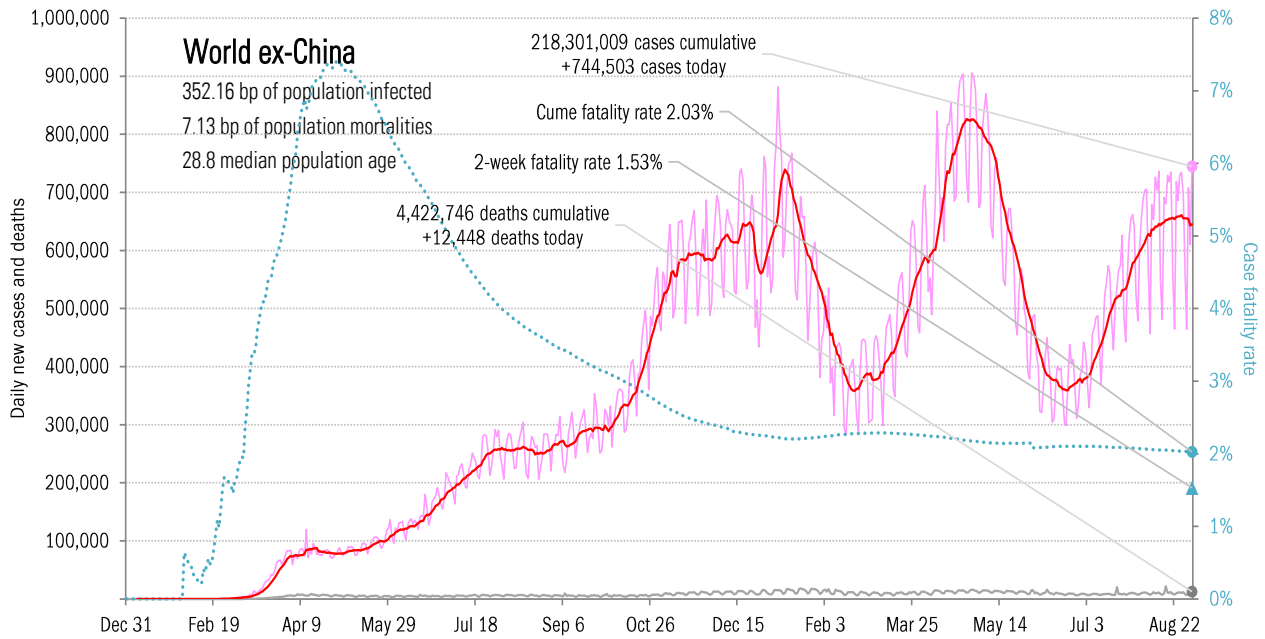
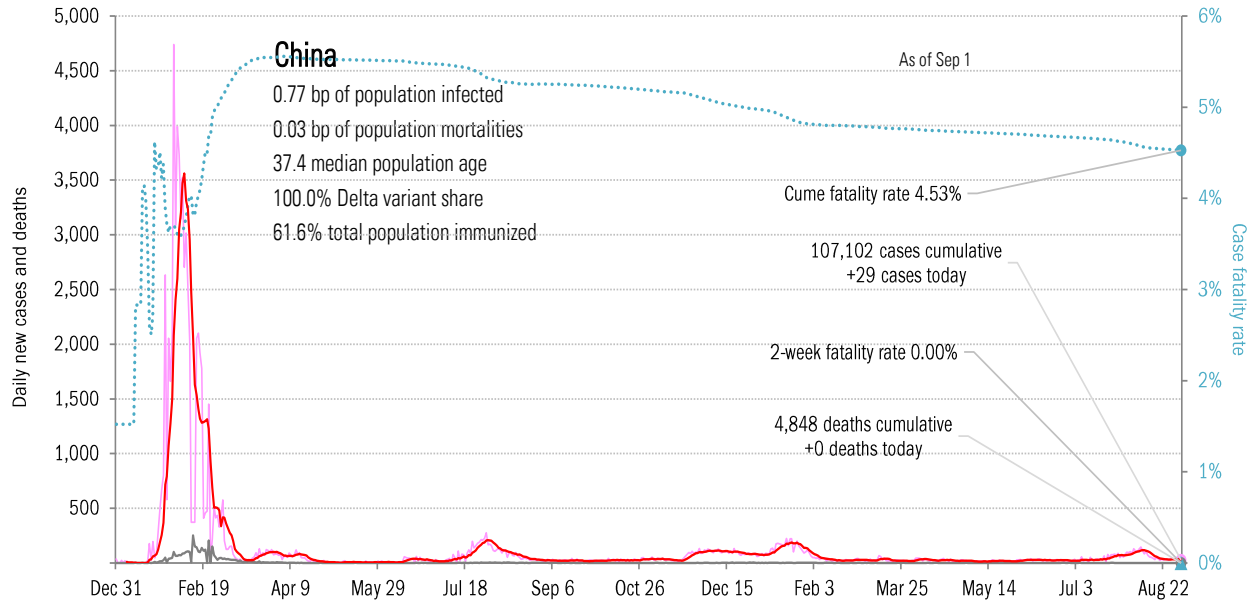
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Patient zero... and then everyone else

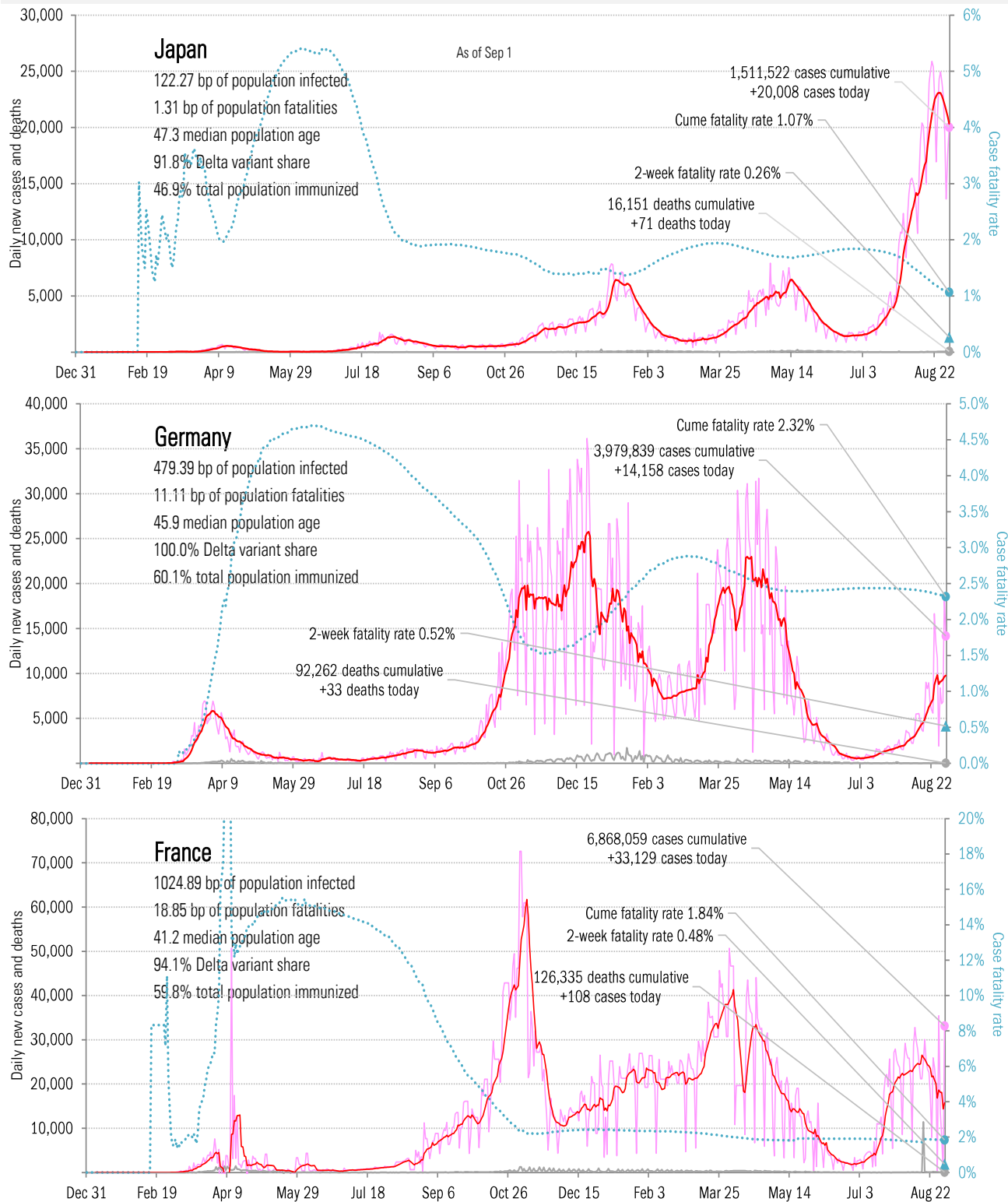
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the largest economies

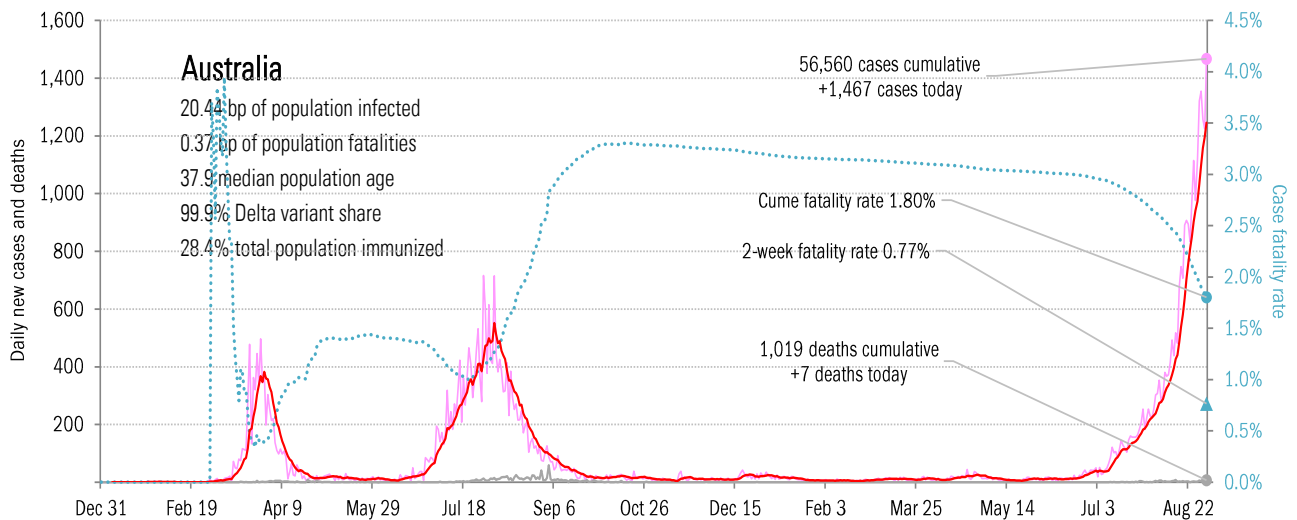
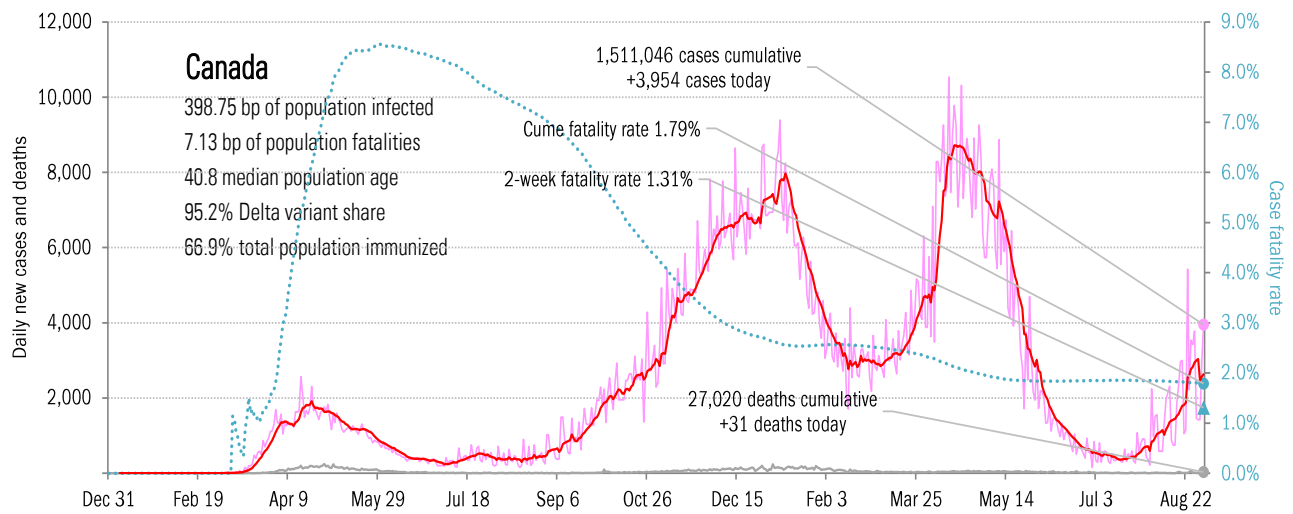
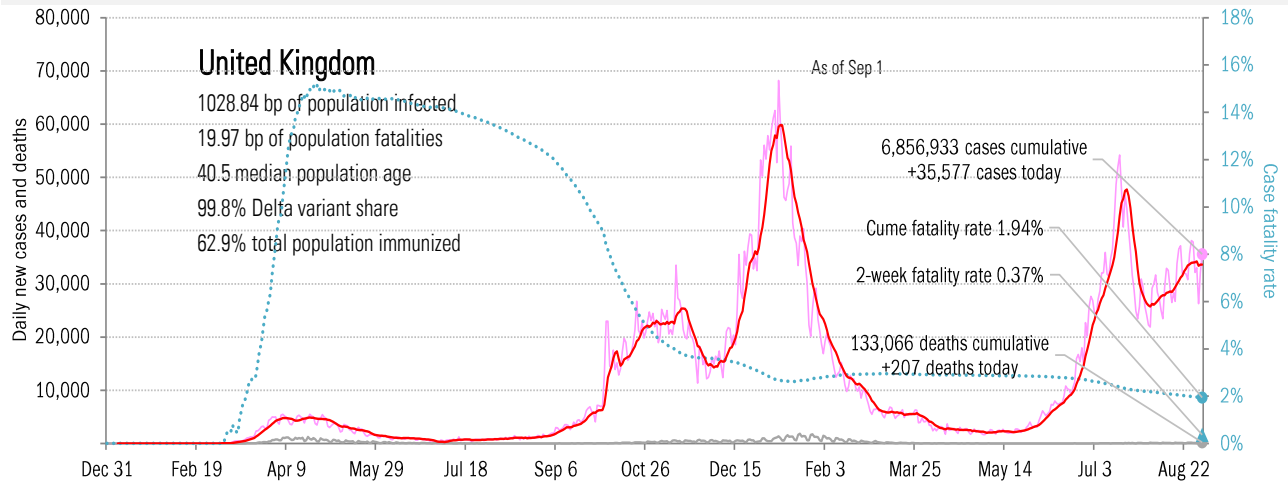
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in The Anglosphere

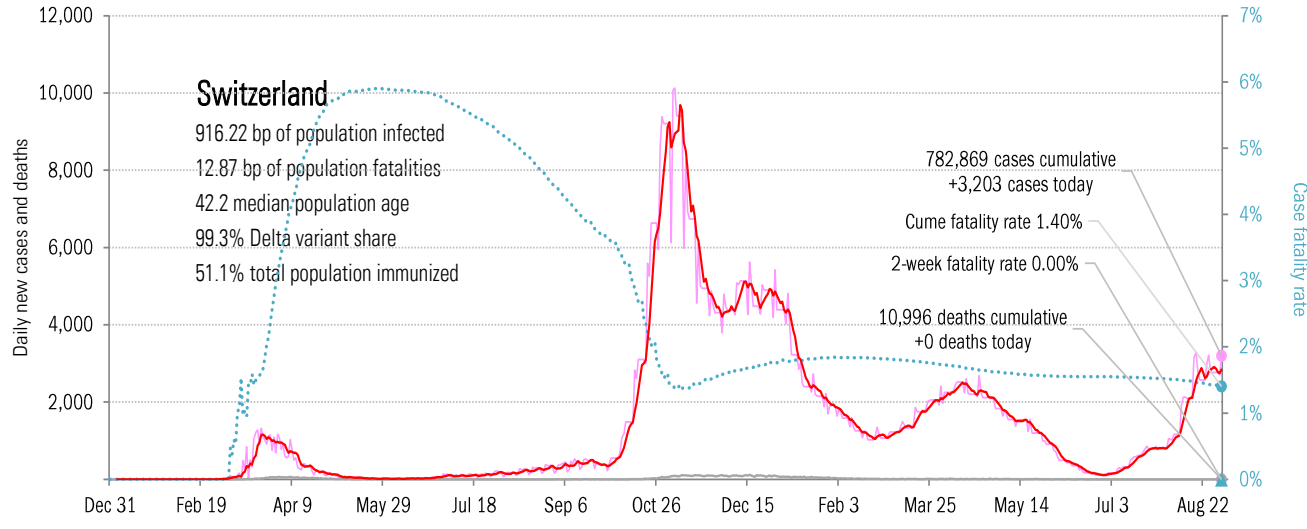
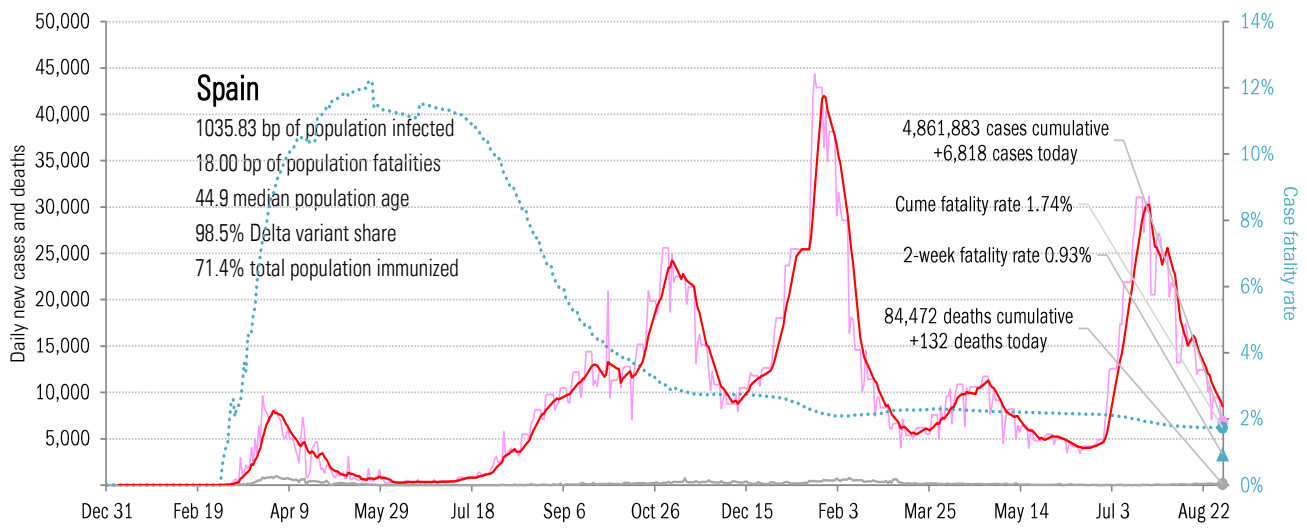
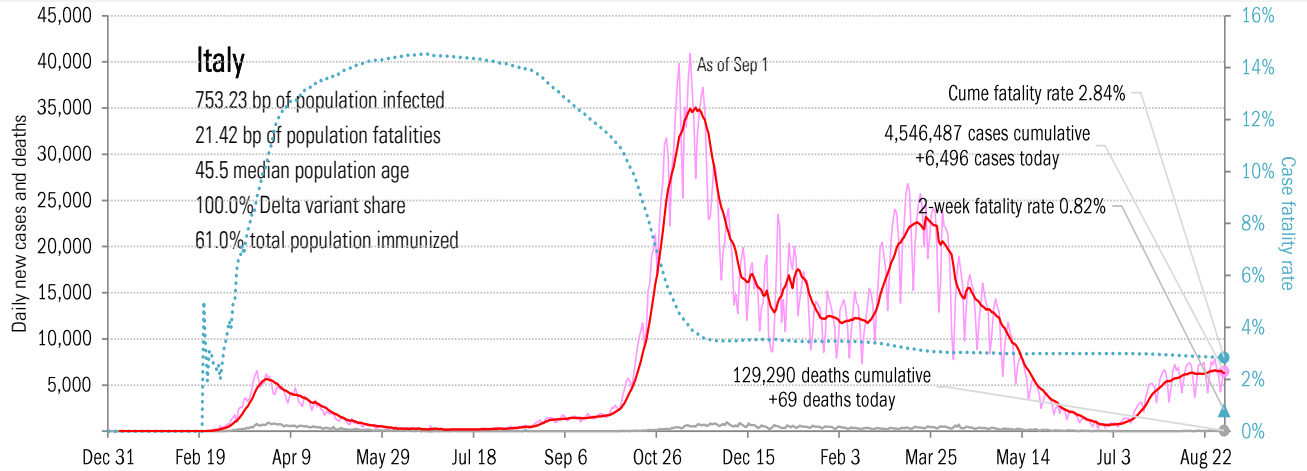
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in continental Europe

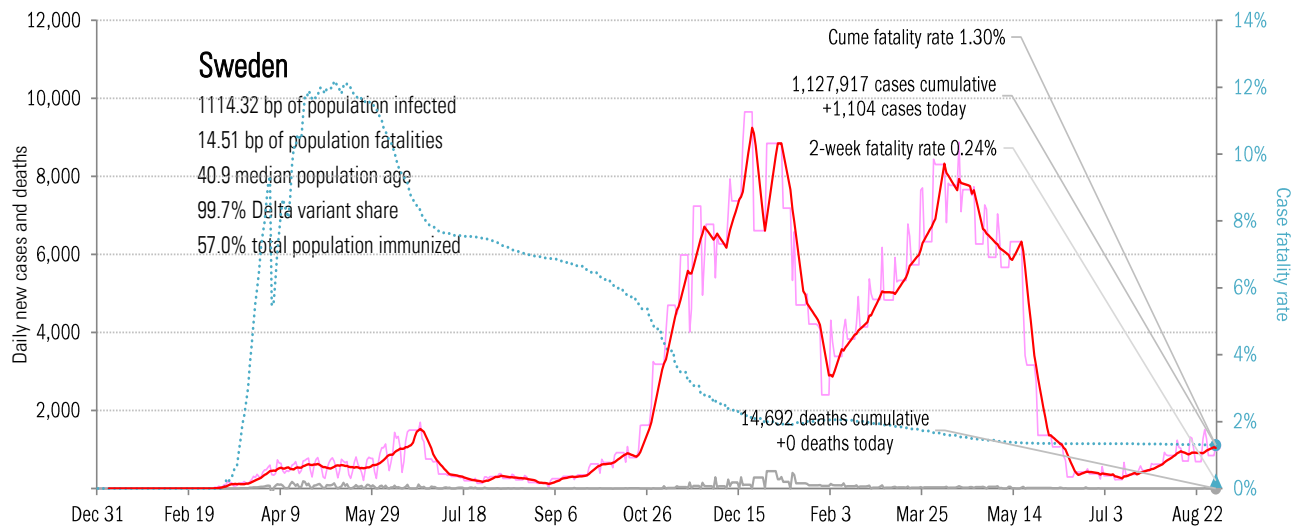
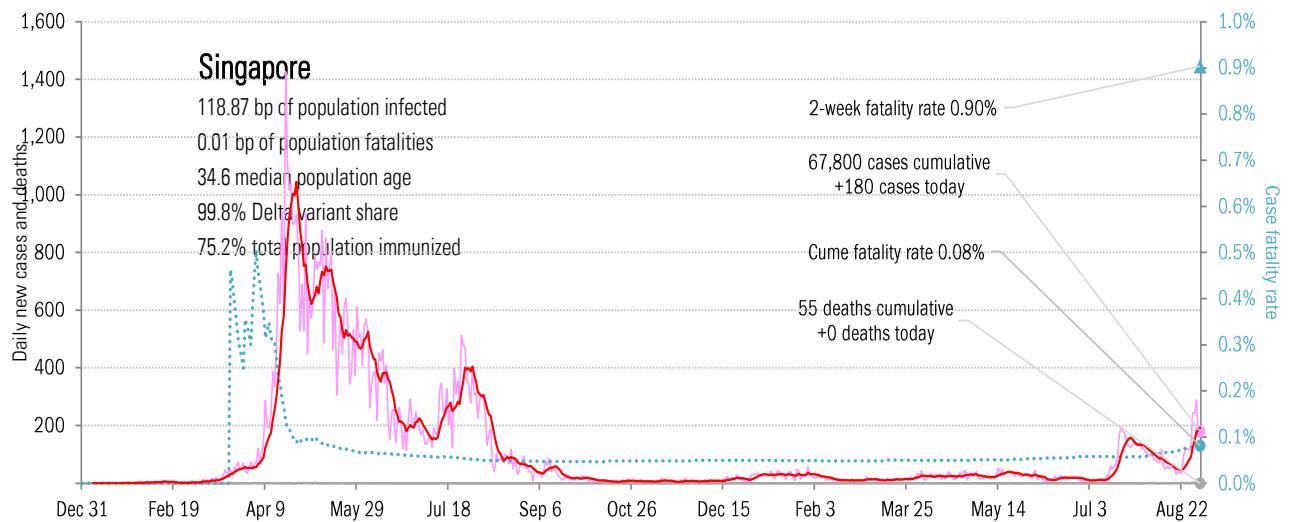
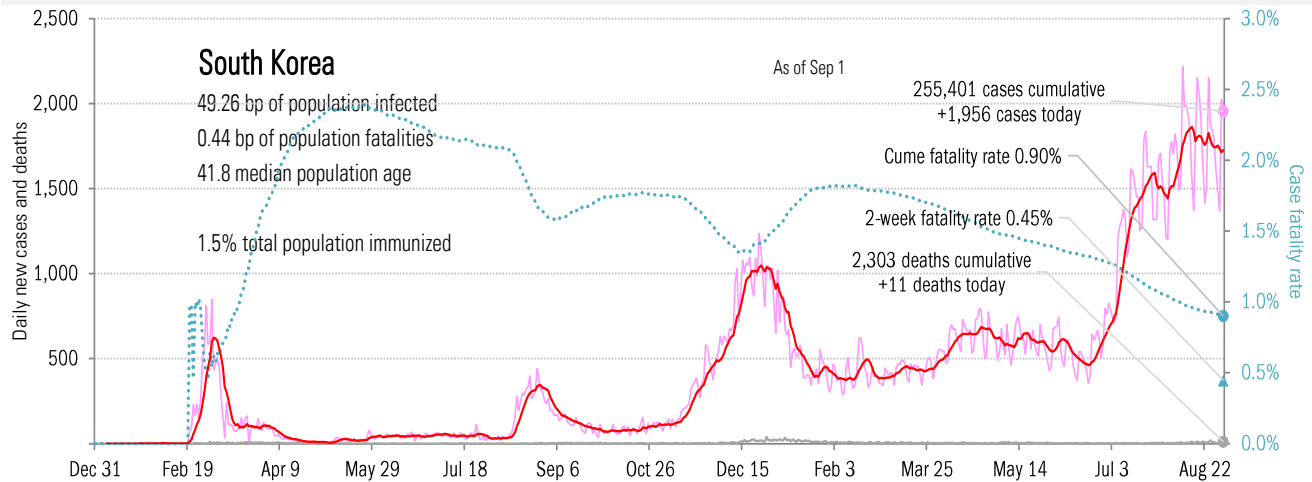
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in other hot-spots

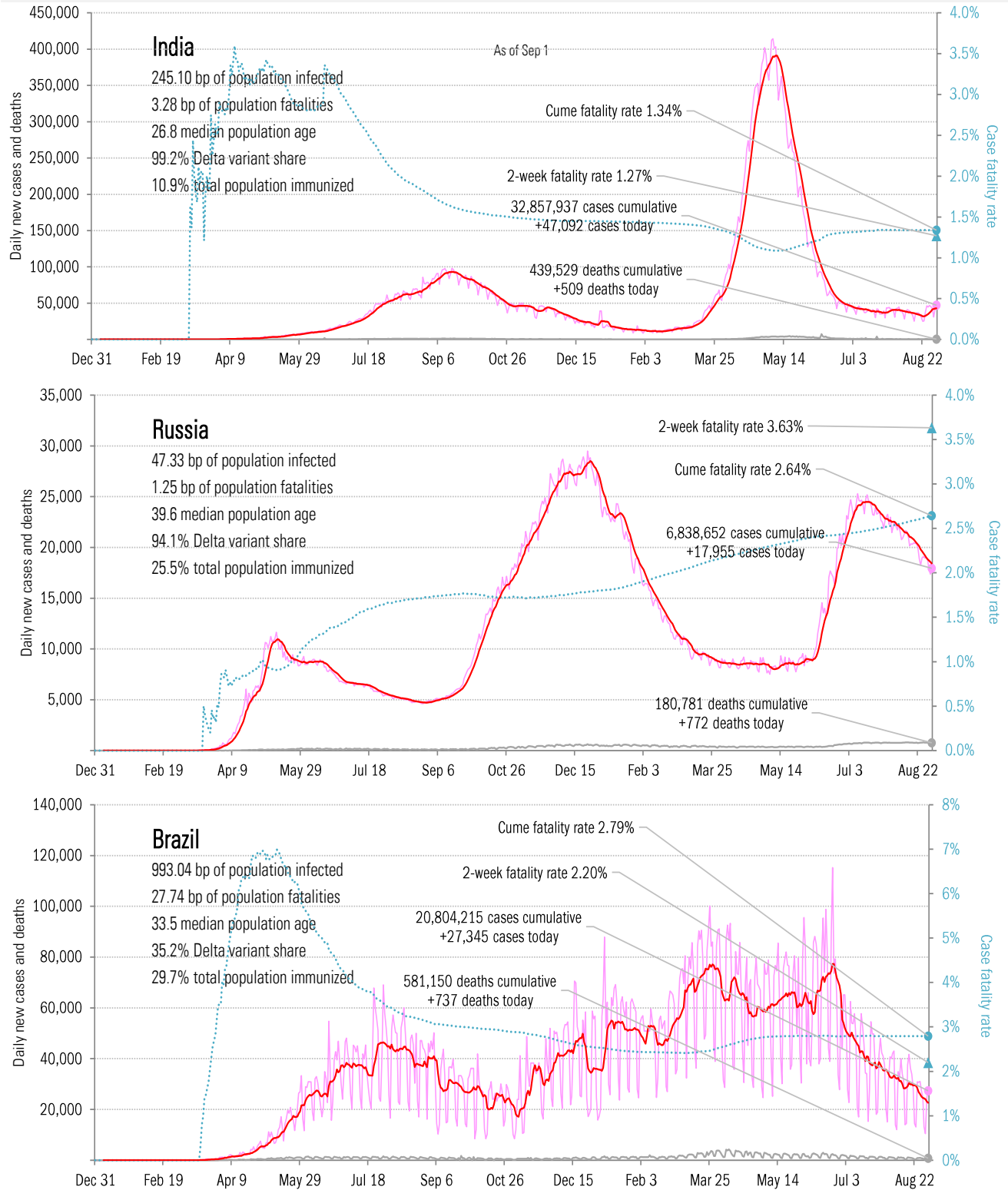
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the BRICs ex-China

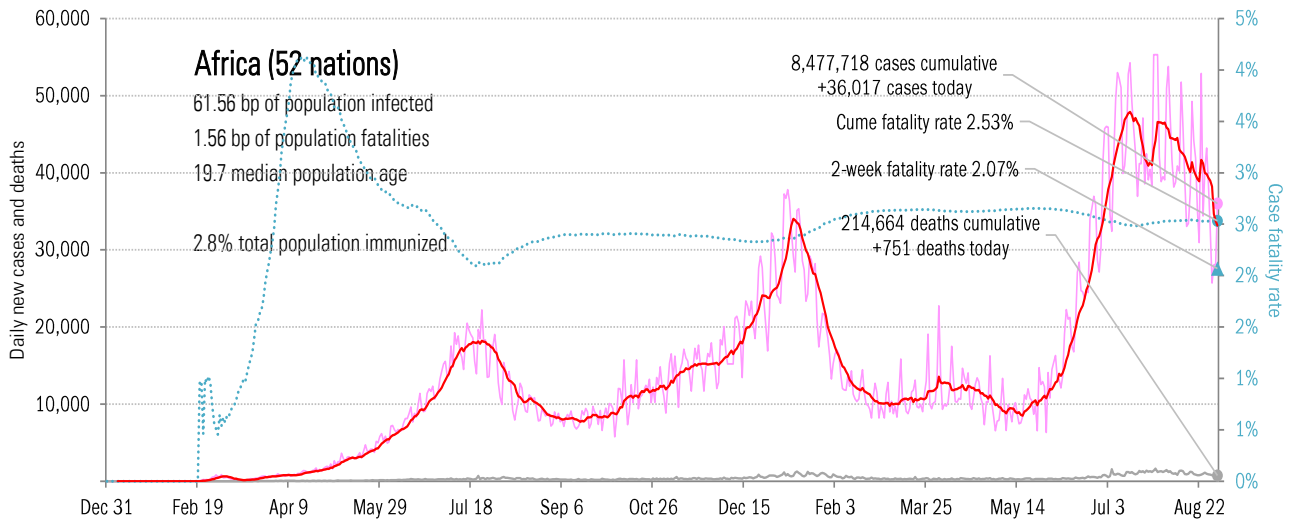
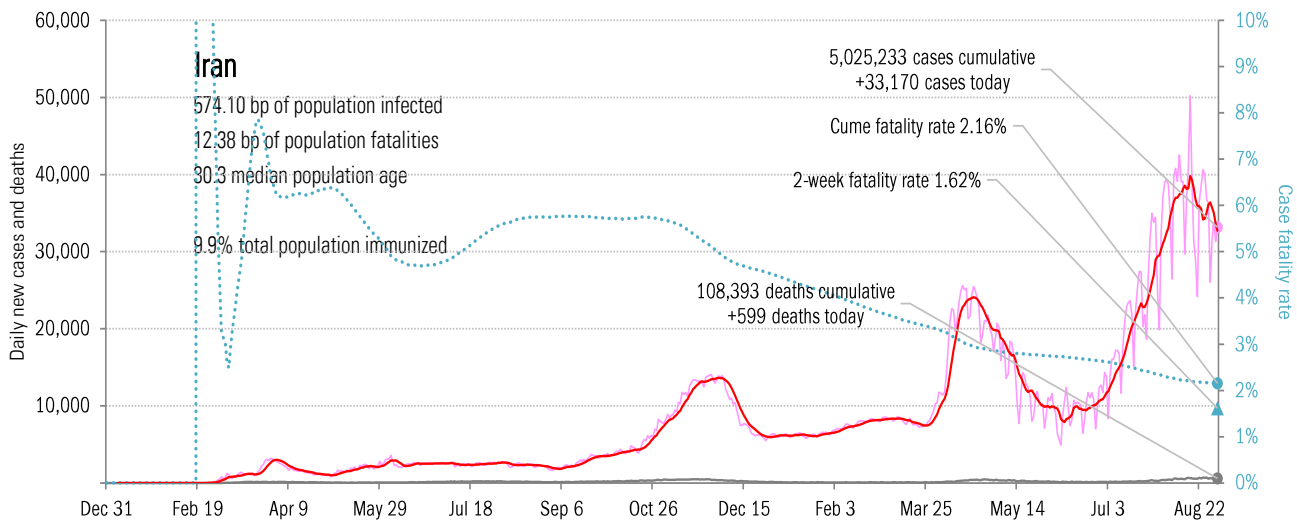
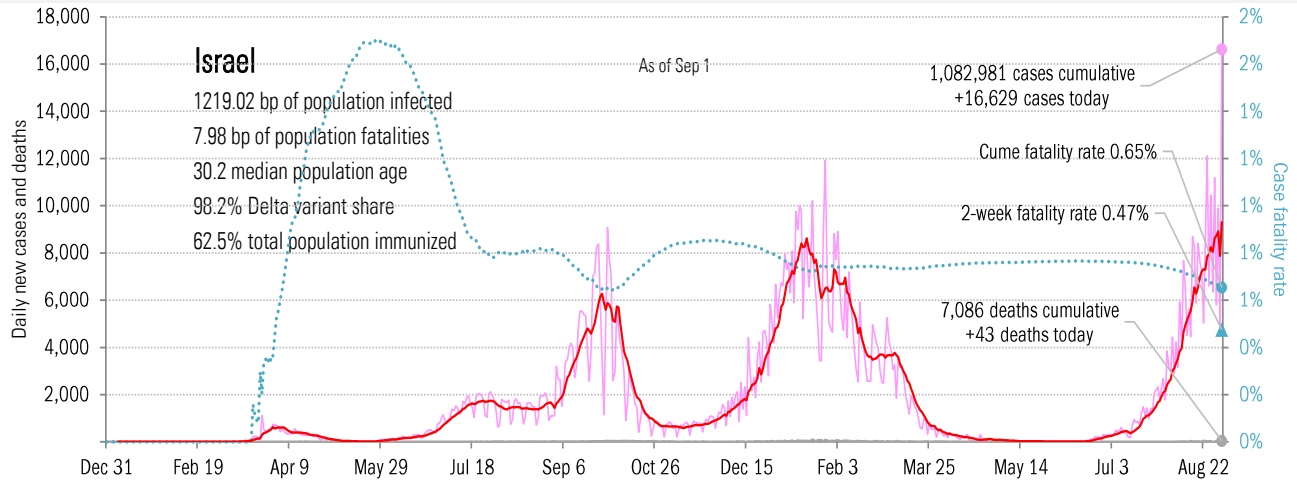
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in the Middle East and Africa

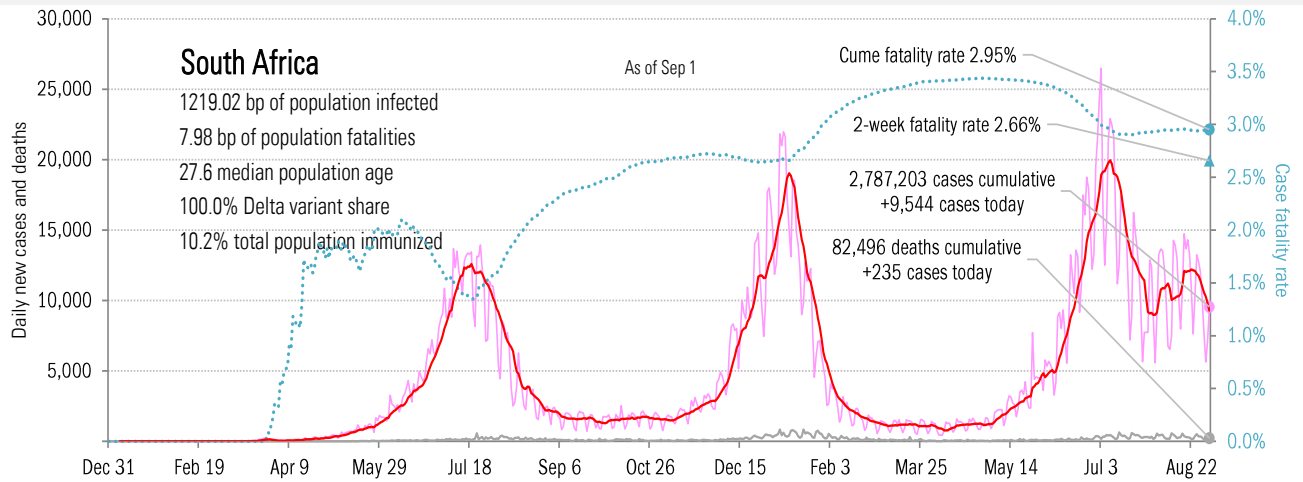
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](#), TrendMacro calculations