

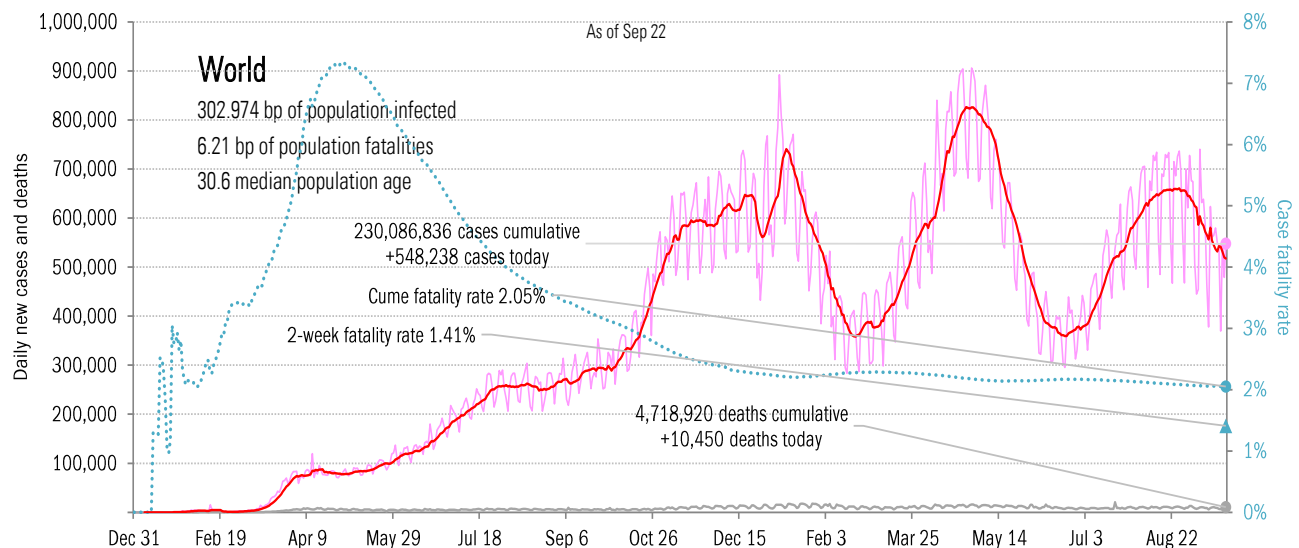
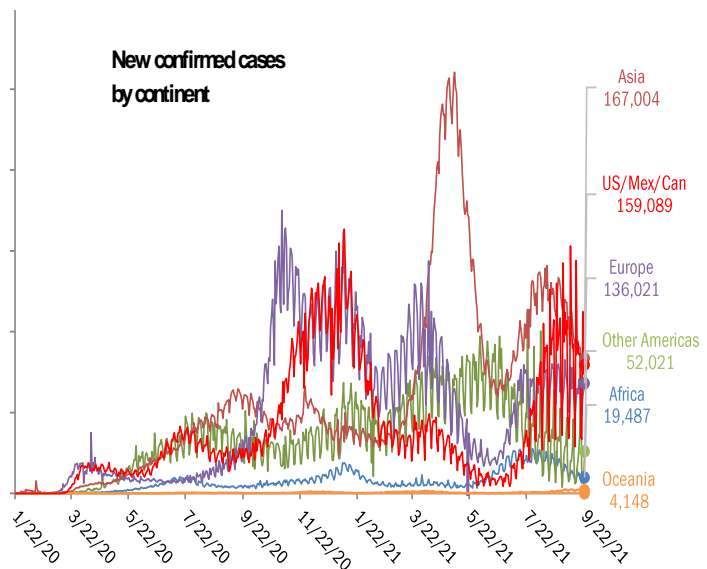
Data Insights: Covid-2019 Monitor

Thursday, September 23, 2021

The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	+143,371	United States	+3,158
Brazil	+36,473	Brazil	+876
United Kingdom	+33,829	Mexico	+811
India	+31,923	Russia	+797
Turkey	+28,168	Malaysia	+487
Russia	+19,308	Iran	+286
Iran	+17,433	India	+282
Philippines	+15,503	Turkey	+242
Malaysia	+14,990	Vietnam	+236
Mexico	+11,603	United Kingdom	+168
+352,601		+7,343	
World +548,238		World +10,450	
Top ten 64%		Top ten 70%	



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

For more information contact us:

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

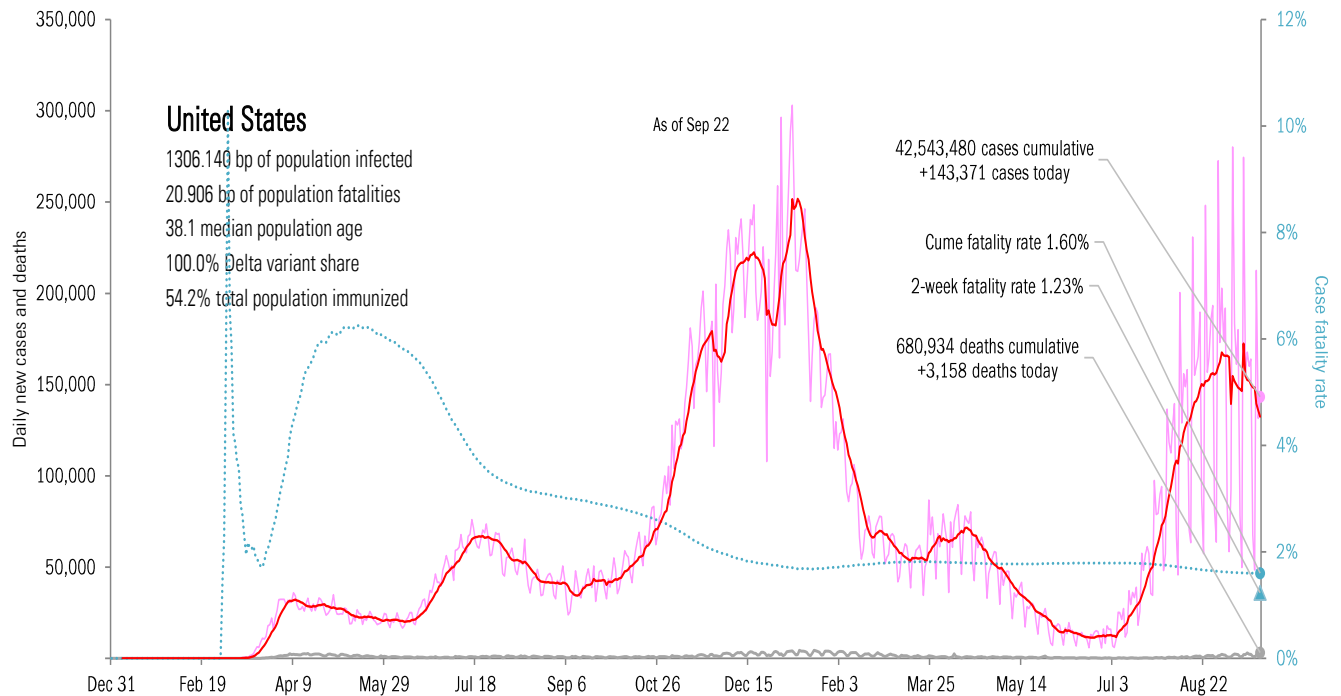
The ten worst US states

New cases			New Deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
TX	+15,672		TX	+399		PA	+77		CA	4,659,062		CA	68,239		TX	350,221		RI	88%	AL	98%
TN	+9,267		FL	+376		MT	+29		TX	3,983,098		TX	62,801		FL	302,837		GA	87%	ID	97%
FL	+9,020		OK	+275		WI	+29		FL	3,527,220		NY	55,028		CA	293,945		SC	86%	GA	95%
MI	+7,718		TN	+228		ID	+23		NY	2,387,008		FL	51,634		NY	153,525		PA	85%	TX	93%
CA	+7,565		AL	+205		MD	+18		IL	1,605,320		PA	28,998		GA	148,662		MA	85%	KY	91%
CH	+6,882		GA	+182		CO	+15		GA	1,548,683		NJ	27,264		CH	107,842		MD	83%	OK	90%
NC	+6,288		CA	+152		IA	+12		PA	1,392,266		IL	27,132		KY	104,533		FL	82%	AR	90%
GA	+4,723		NC	+130		ME	+12		CH	1,365,800		GA	25,133		PA	104,162		MI	82%	MS	86%
NY	+4,558		LA	+99		NE	+11		NC	1,356,985		MI	22,127		IL	98,140		TX	81%	NC	86%
KY	+4,408		MI	+93		MN	+9		TN	1,199,956		CH	21,596		MI	81,725		KY	81%	H	86%
+76,101			+2,139			+235			23,025,398			389,952			1,745,592						
All states	+143,371		+3,158			-1193			All states	42,543,480		680,934			3,097,605			All states	70%	67%	
Top ten	53%		68%			-20%			Top ten	54%		57%			56%			Median	77%	80%	

Some states not reporting

Five most improved US states

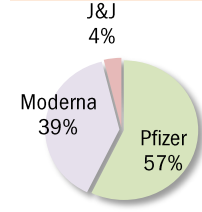
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
MN	-4,683	MO	-180	AR	-82	DE	+30 bp
GA	-2,770	CH	-125	CH	-70	GA	+30 bp
TX	-2,702	AL	-45	CR	-66	AK	+20 bp
RI	-1,596	MS	-39	MI	-52	AR	+20 bp
NE	-1,531	WY	-37	LA	-40	NY	+20 bp



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

Rolling out the vaccines in the US and the world

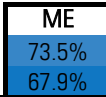
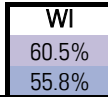
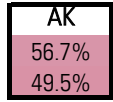
Administered	Cumulative		Today		Immunity	Full	Partial	
Doses	One dose	% Pop	Immune	% pop	New immune today			
	398,393,341				+0.738 million	US	54.2%	63.2%
Total population	217,713,680	65%	186,968,067	56%	+0.383 million	UK	65.3%	71.3%
Age 12 to 17	13,483,811	57%	10,846,412	46%	+0.050 million	France	63.7%	73.6%
Age 18 to 64	150,490,991	74%	128,299,109	63%	+0.291 million	Spain	77.4%	80.2%
Age 65 and over	52,678,917	96%	46,956,655	86%	+0.041 million	Germany	63.0%	66.9%
						Italy	66.4%	73.8%
						Australia	38.9%	59.8%
						Israel	63.7%	69.1%
						Canada	69.8%	75.8%
						Japan	55.4%	67.5%
						Africa	4.1%	6.3%
						India	15.2%	44.2%
						Brazil	38.5%	68.8%
						China	70.8%	76.2%



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

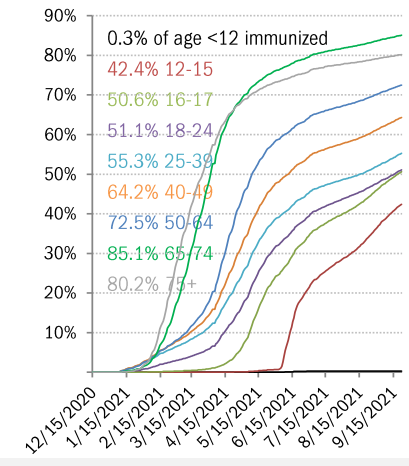
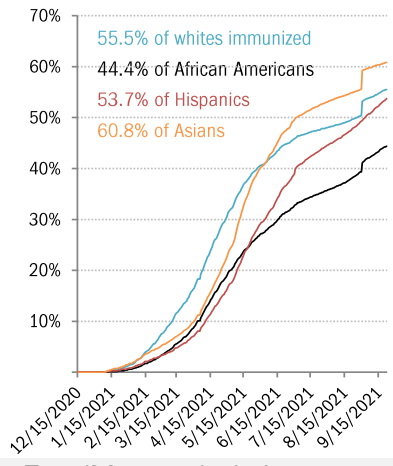
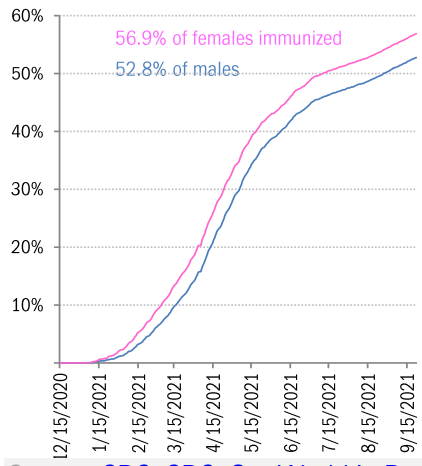


Every American >18 immune in **120 days** by Jan 19, 2022
 67.9% of population >18 immunized
 14.5% previously tested positive
82.4% vs 60% adult herd immunity



WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
70.7%	46.4%	54.2%	50.4%	63.1%	67.8%	56.6%	70.3%	77.3%	68.8%	
62.7%	41.0%	48.0%	43.5%	57.7%	52.9%	51.9%	62.9%	69.1%	61.1%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
66.1%	60.1%	47.8%	58.5%	57.7%	51.8%	53.7%	71.5%	71.9%	76.9%	
60.1%	50.1%	40.9%	51.0%	53.5%	47.9%	49.7%	57.1%	63.7%	67.4%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
71.0%	58.4%	65.1%	59.0%	54.3%	59.9%	47.9%	67.8%	70.1%	75.5%	74.3%
58.2%	49.9%	58.8%	54.1%	47.2%	51.3%	40.2%	59.8%	63.5%	68.1%	67.2%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	58.8%	71.9%	59.2%	55.3%	52.1%	58.6%	54.5%	69.8%	65.7%	
	50.5%	62.4%	50.4%	44.9%	44.6%	48.9%	46.3%	59.4%	57.1%	
			OK	LA	MS	AL	GA			
			55.9%	51.2%	49.6%	52.1%	54.2%			
			46.7%	44.6%	42.6%	41.7%	44.4%			
			TX							
			59.4%							
			50.5%							
								FL		PR
								66.3%		78.6%
								56.3%		69.2%

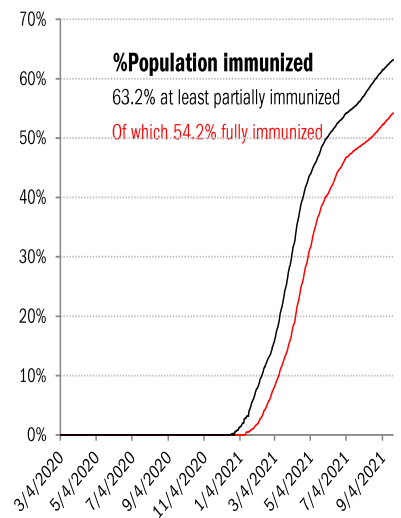
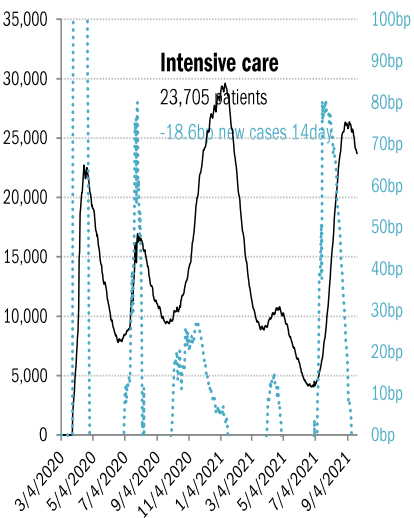
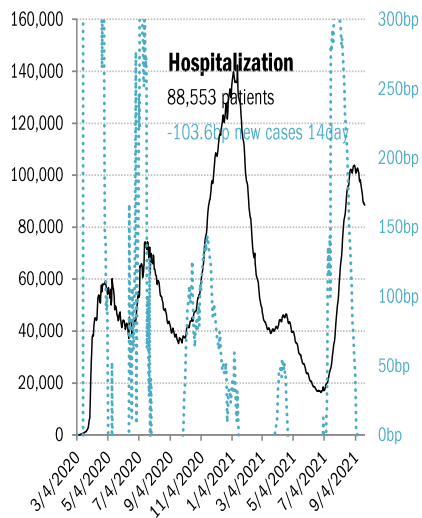
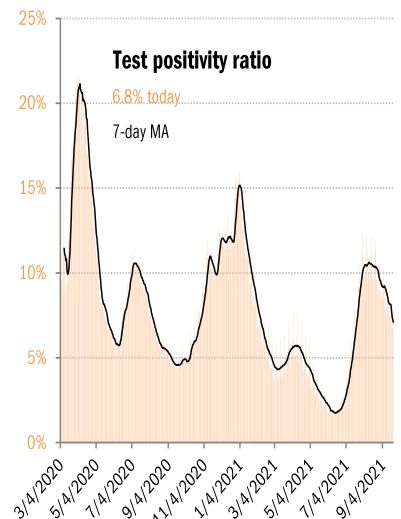
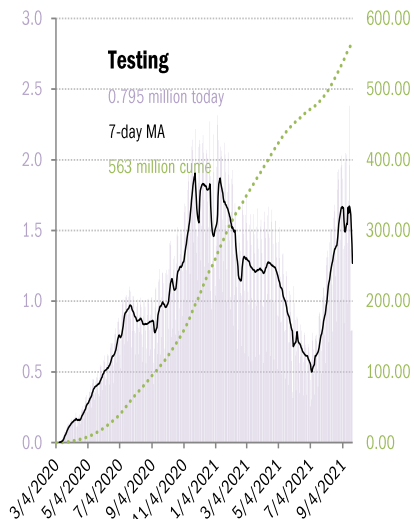
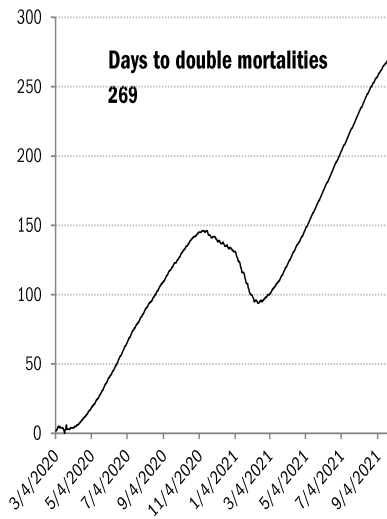
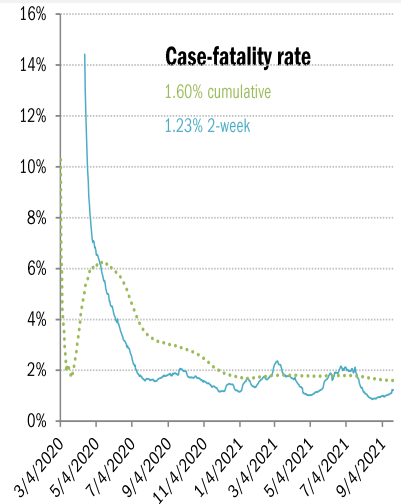
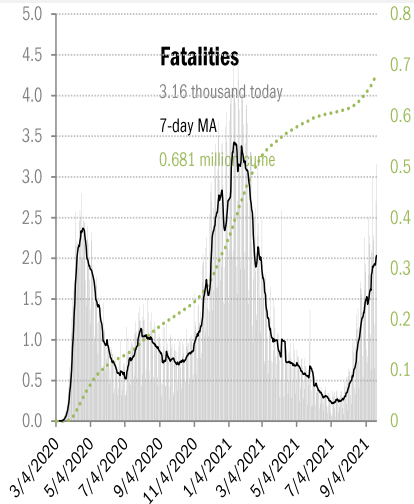
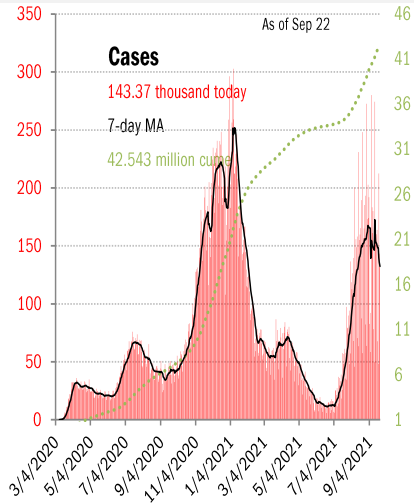
The demographics of US vaccination



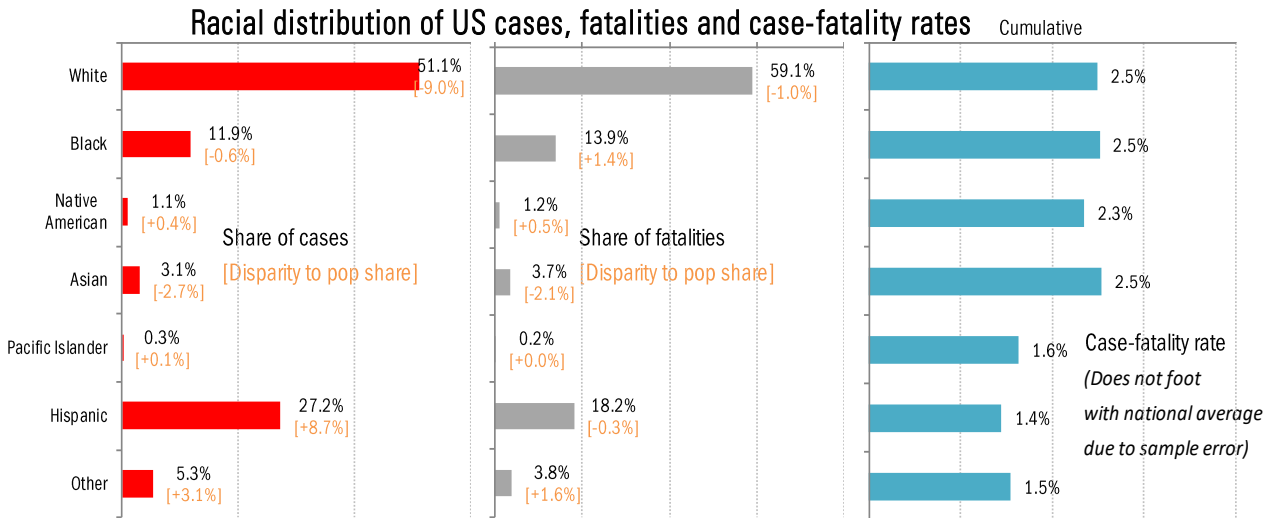
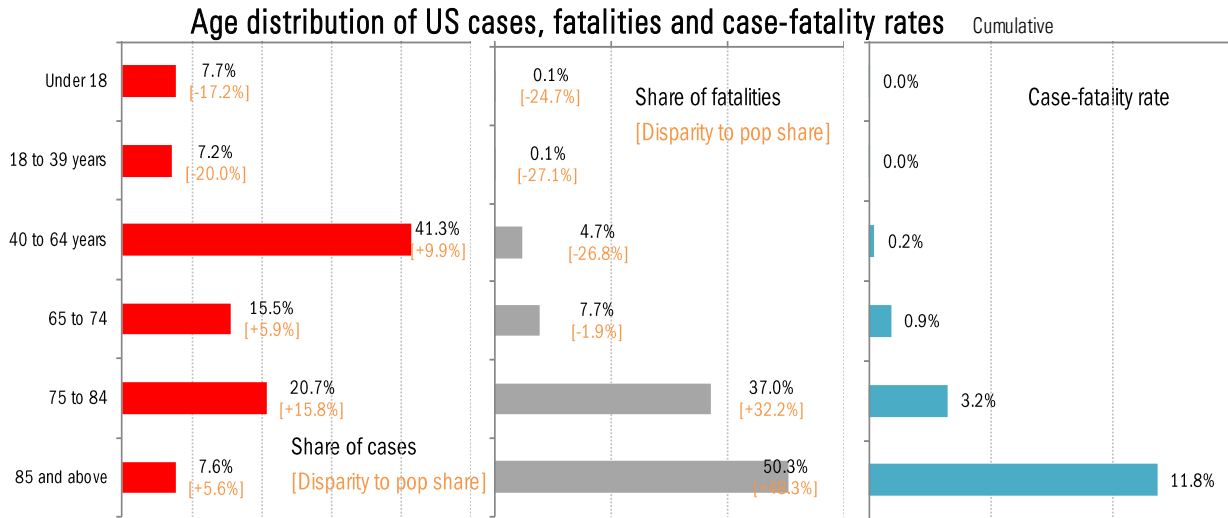
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

US deep-dive

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

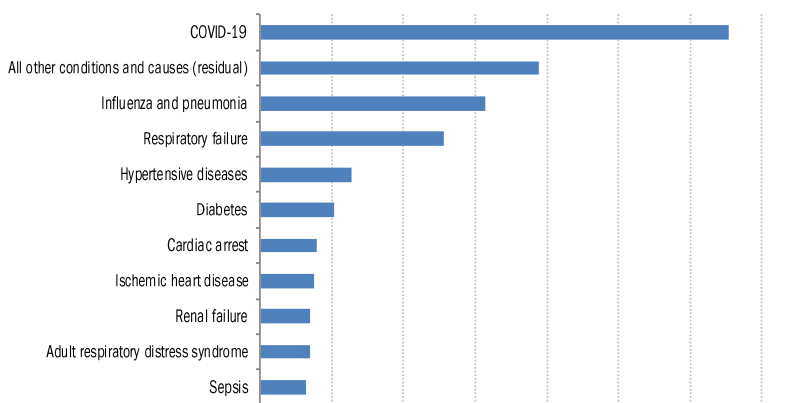


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Sep 12

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

[Chinese whistleblower claims first COVID outbreak was INTENTIONAL and happened in October 2019 at Military World Games in Wuhan - two months before China notified the world about virus](#)

Charlie Coe
Daily Mail
September 22, 2021

[Daszak Admits Fauci Funded Chinese Coronavirus Research at Conference Featuring Hunter Biden-Linked Pandemic Group.](#)

Natalie Winters
National Pulse
September 22, 2021

[Federal Govt Whistleblower Goes Public with Secret Recordings: 'Government Doesn't Want to Show the \[COVID\] Vaccine is Full of Sh*t'; 'Shove' Adverse Effect Reporting 'Under the Mat'](#)

Project Veritas
September 20, 2021

[For Parents of Disabled Children, School Mask Wars Are Particularly Wrenching](#)

Erica L. Green
New York Times
September 23, 2021

['Staggering': New Research Shows that Child Obesity Has Soared During Pandemic](#)

Kevin Mahnken
The 74
September 20, 2021

[Wuhan scientists planned to release enhanced coronaviruses into bat caves 21 months before start of Covid pandemic outbreak - but US government refused to fund project over fears it would backfire](#)

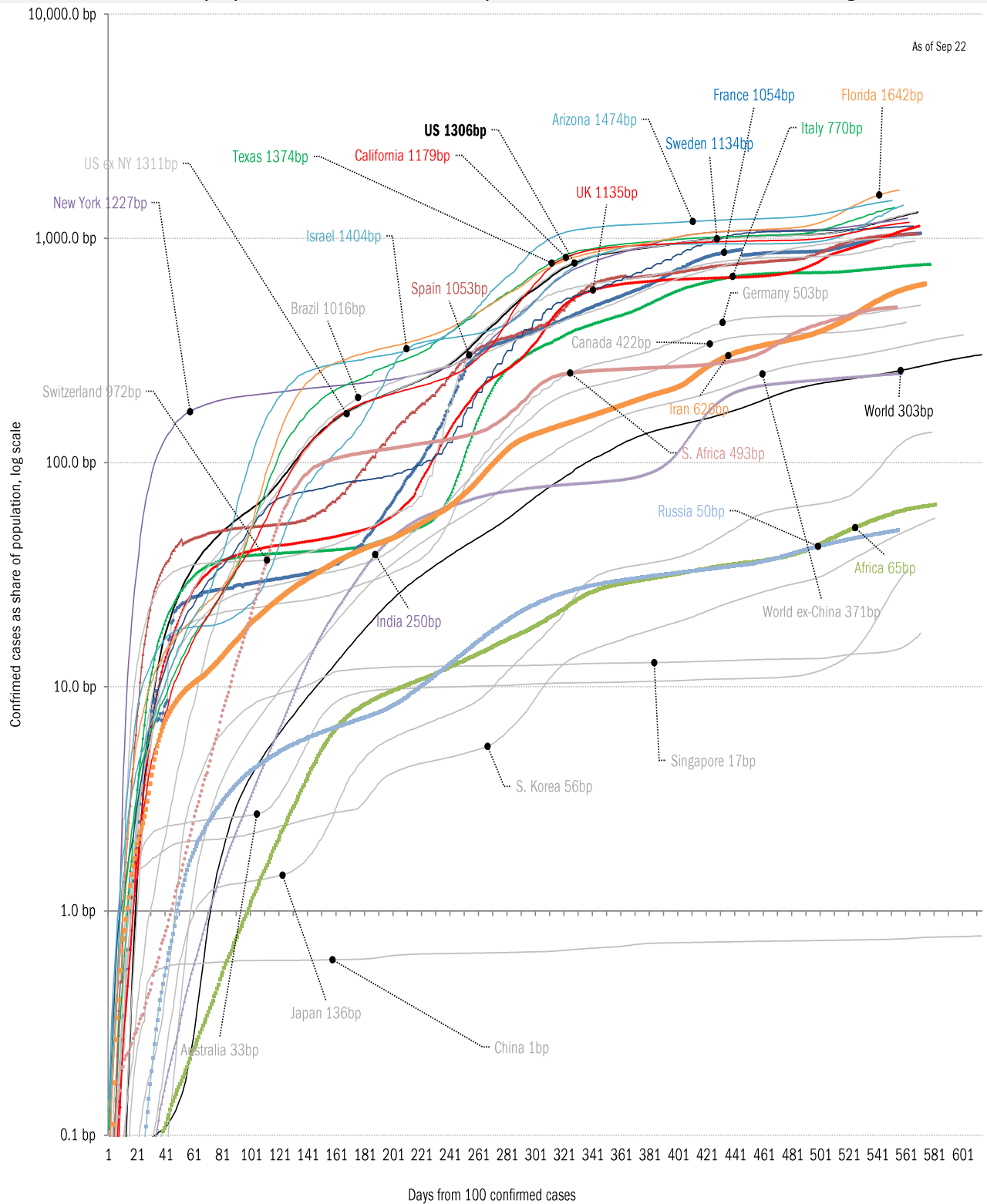
Emily Craig
Daily Mail
September 22, 2021

Meme of the day



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

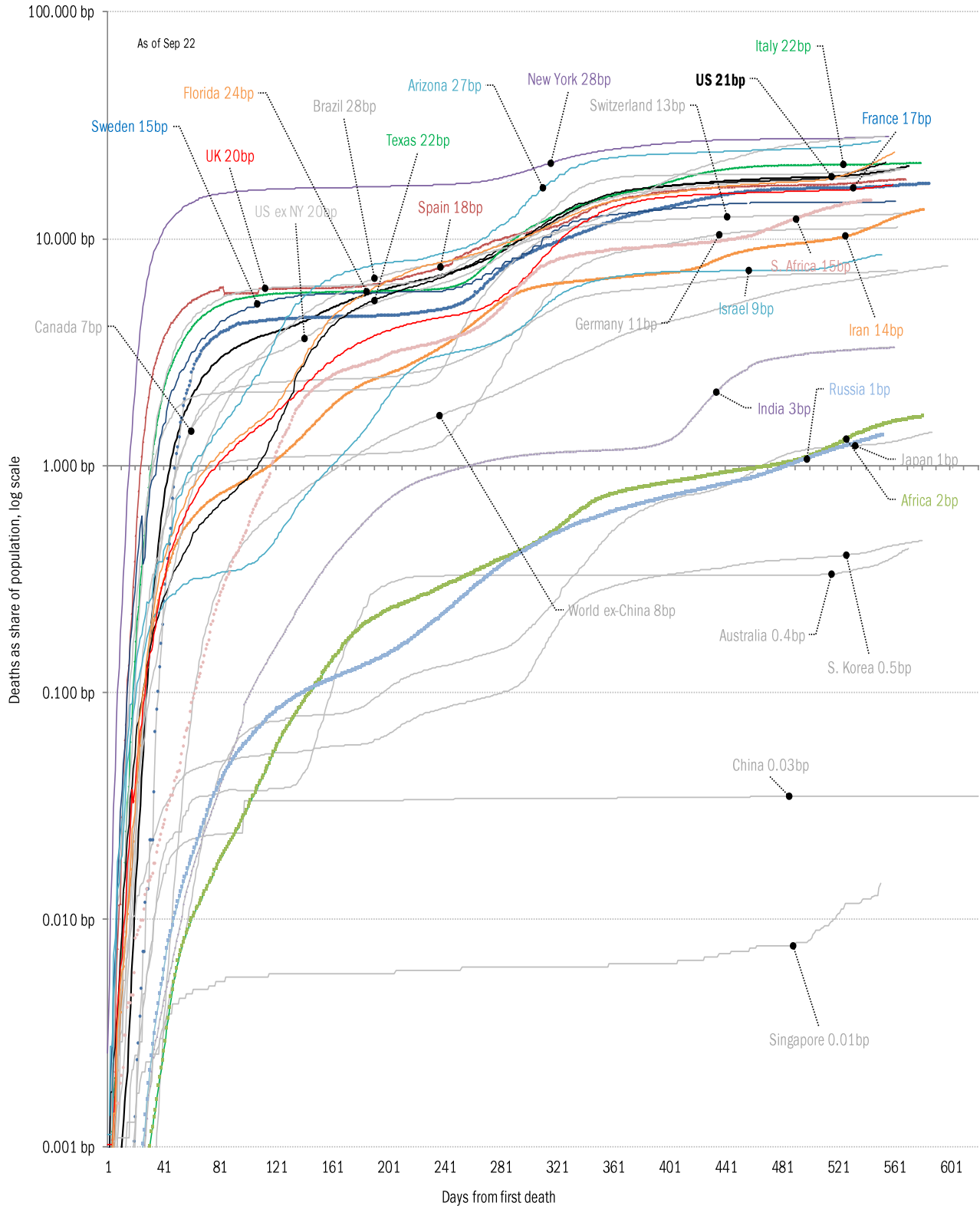
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



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

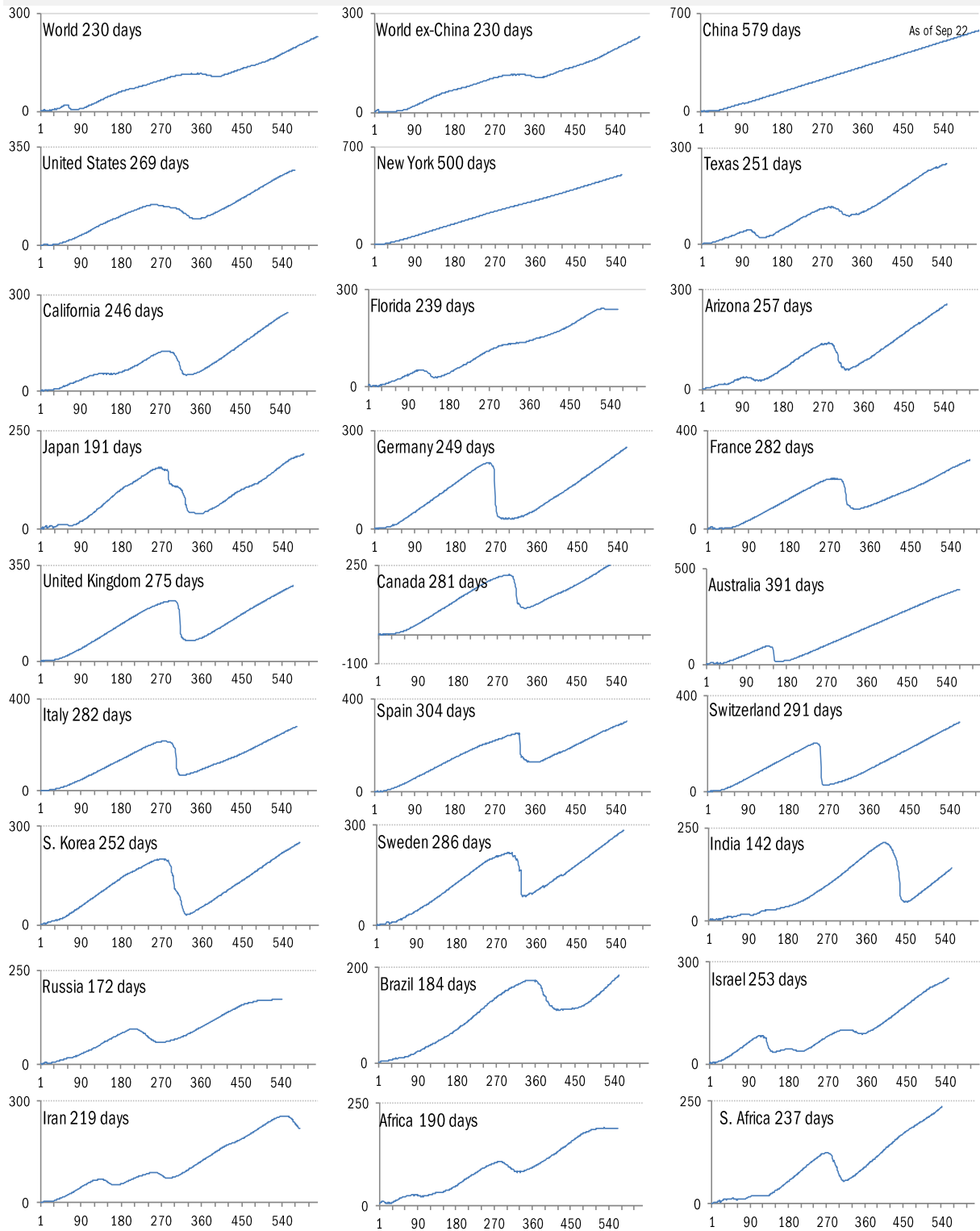


Source: [Johns Hopkins](#), TrendMacro calculations

"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

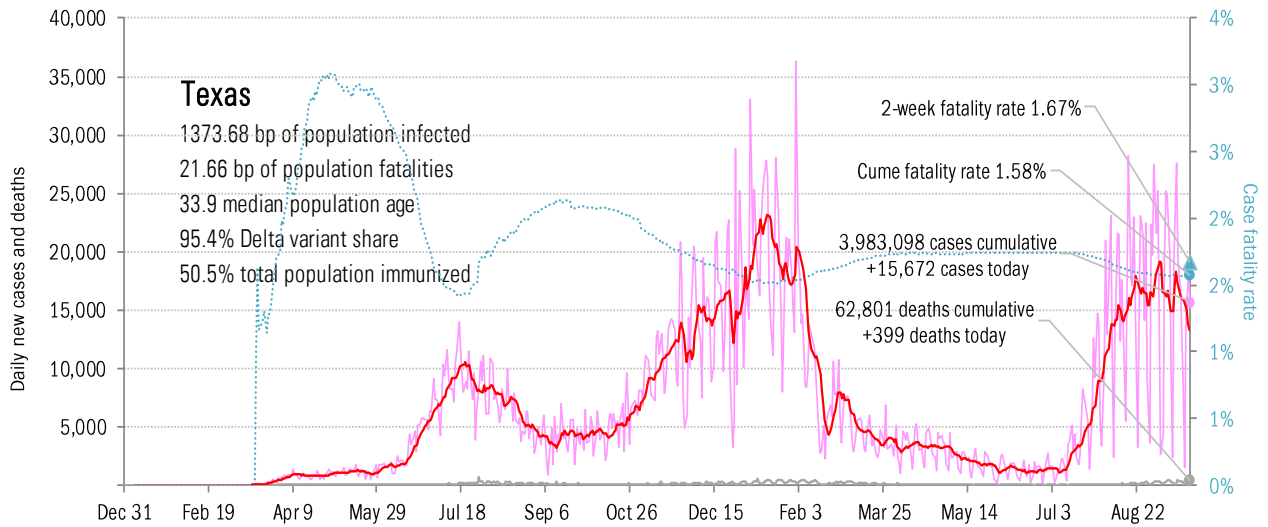
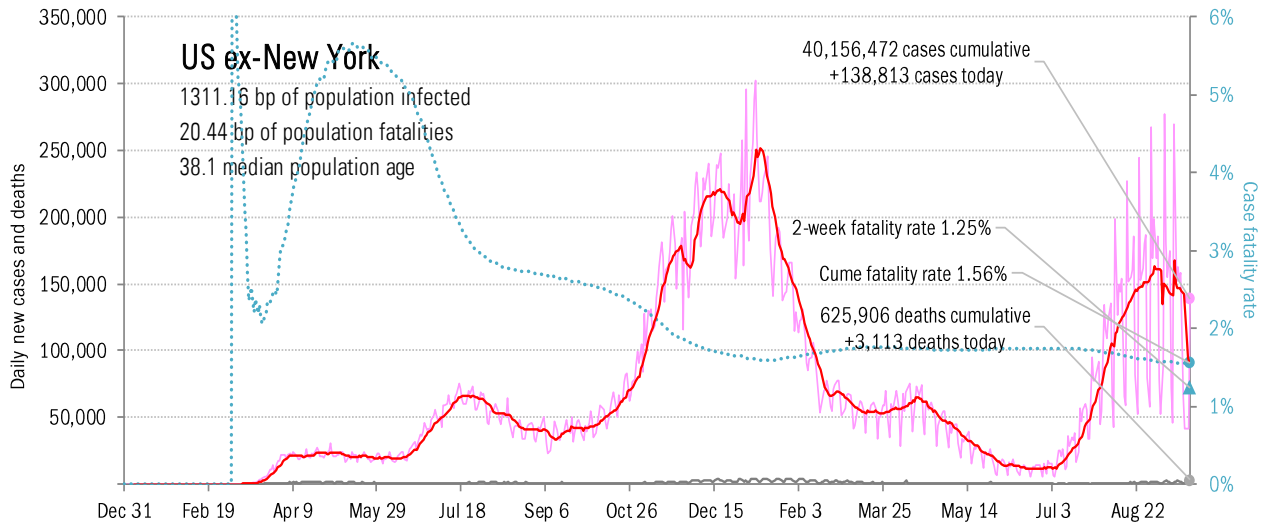
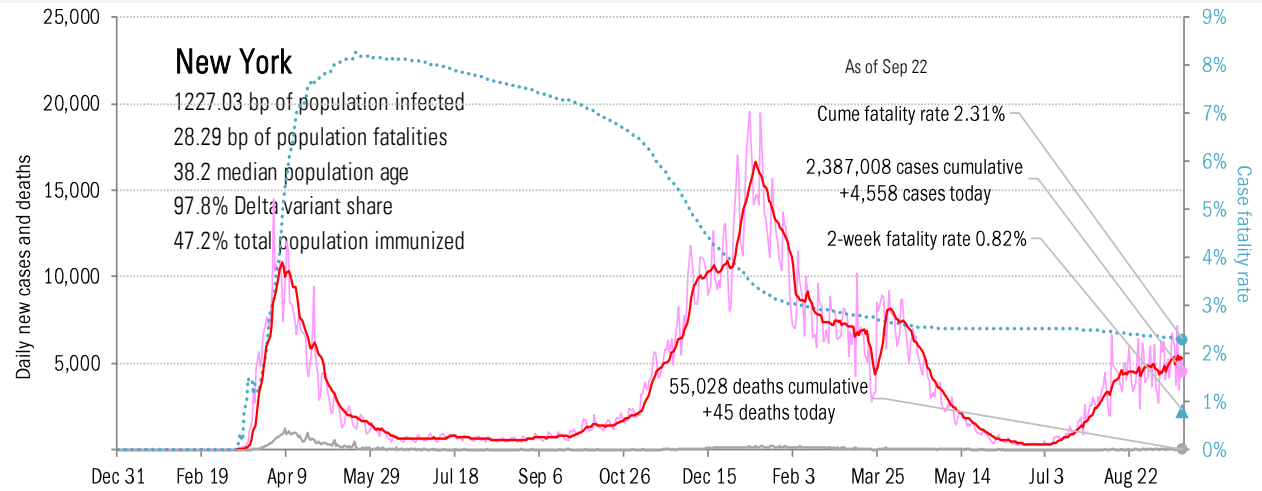
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

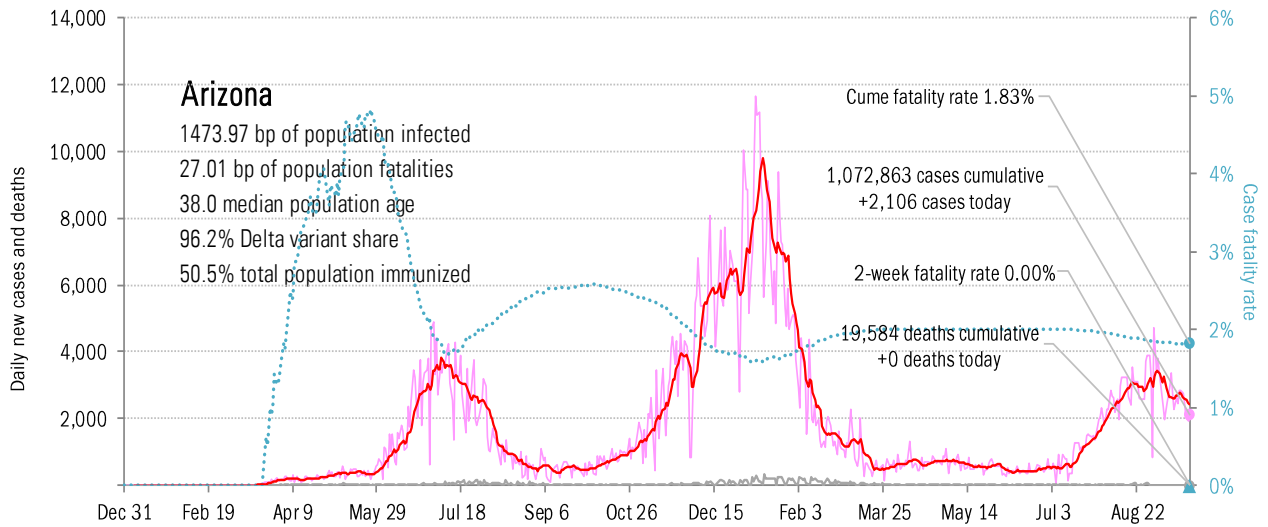
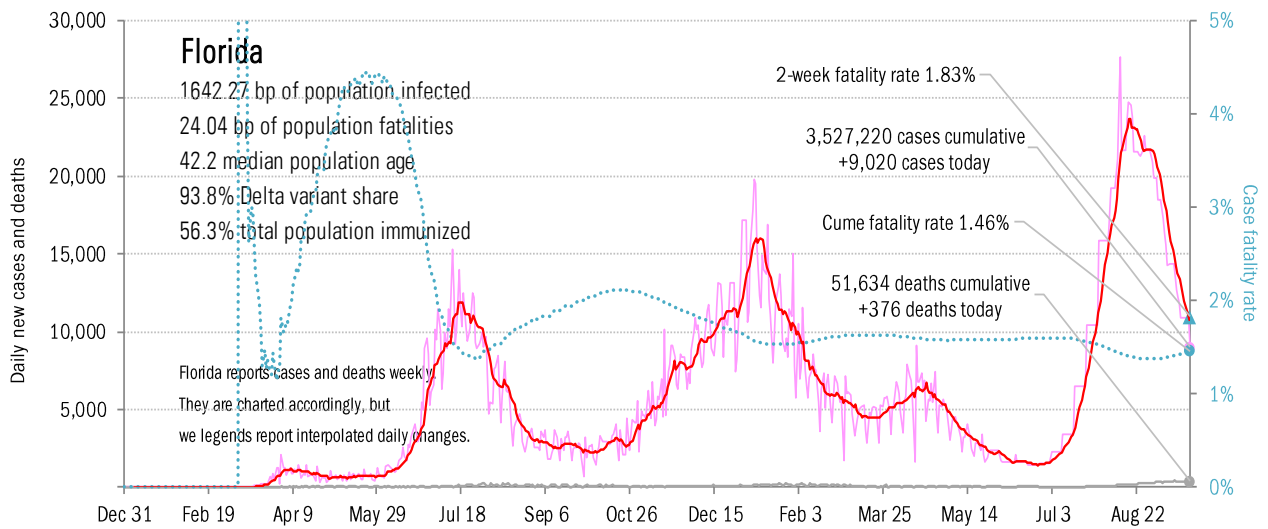
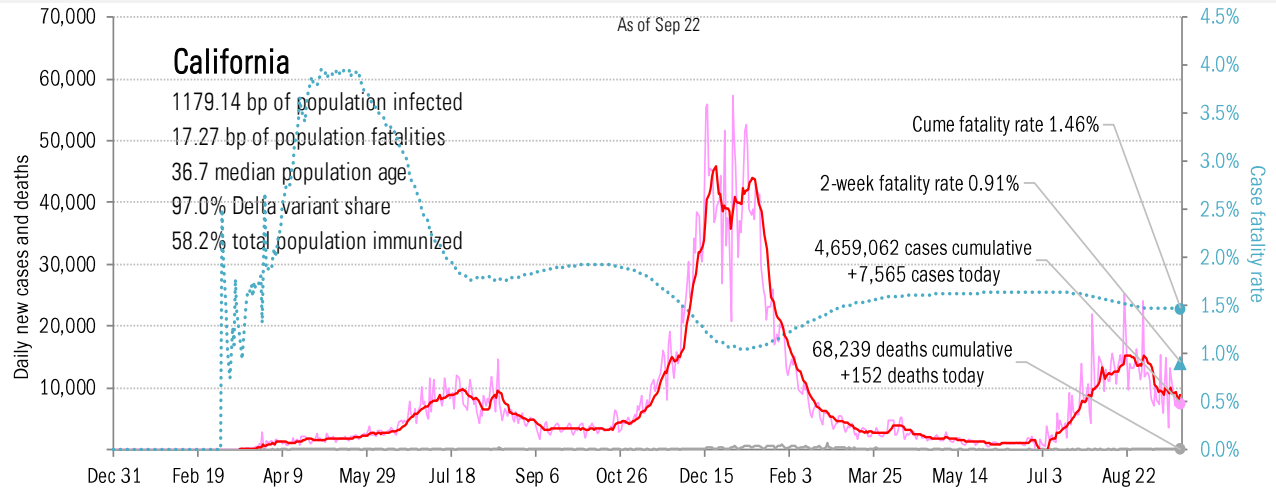
Cases: 7-day average and daily Deaths: Daily



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

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

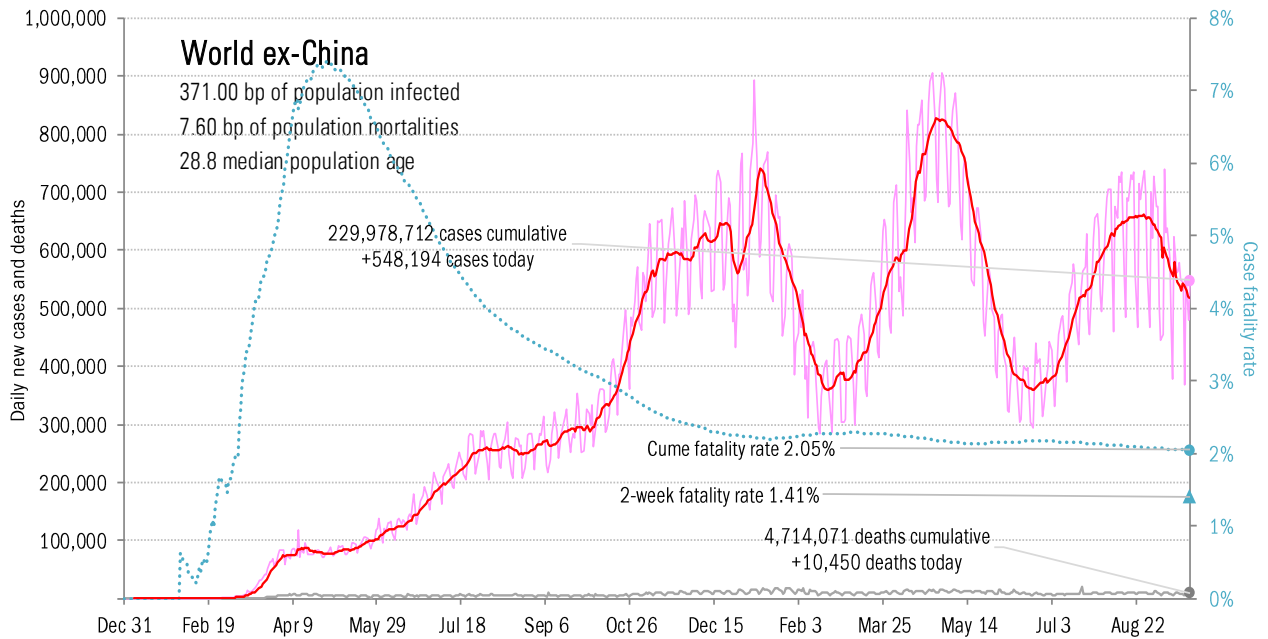
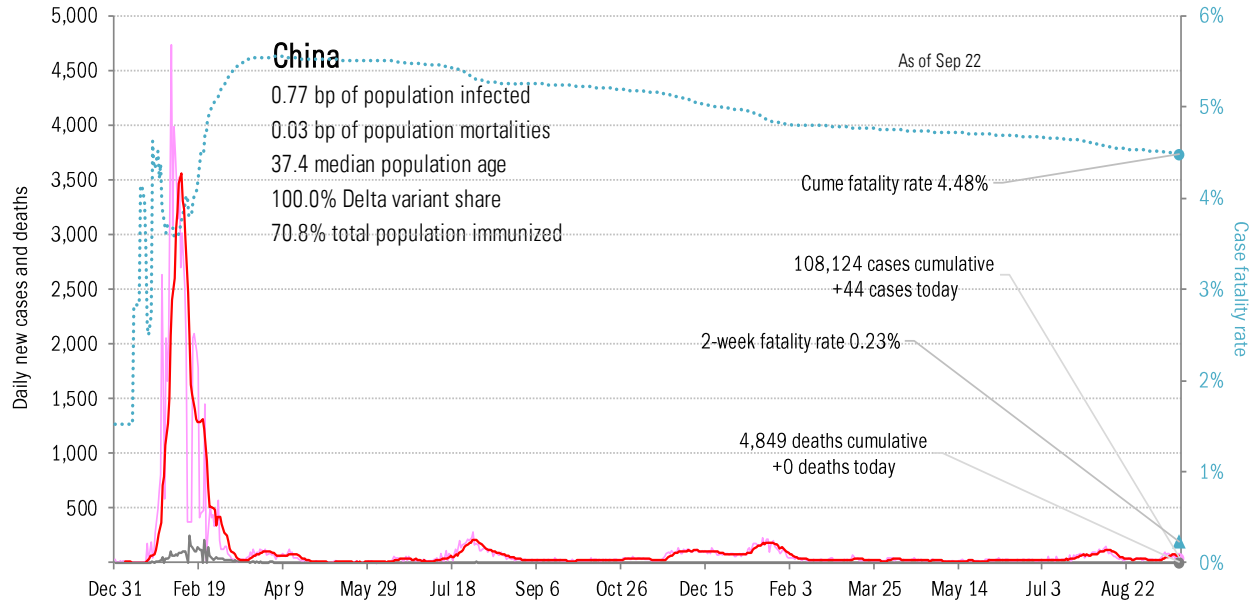
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

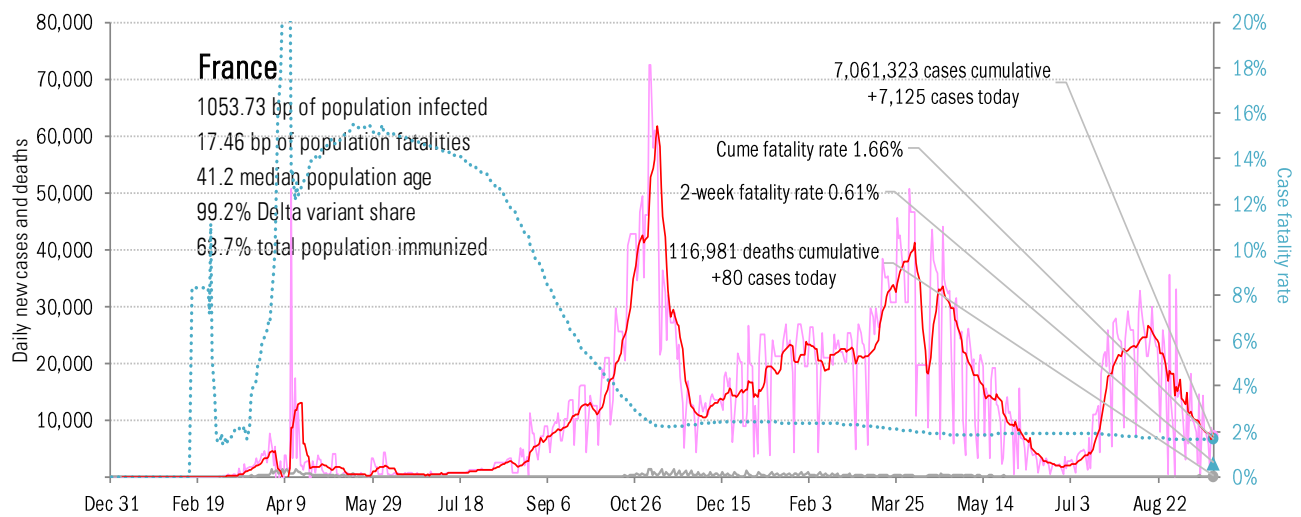
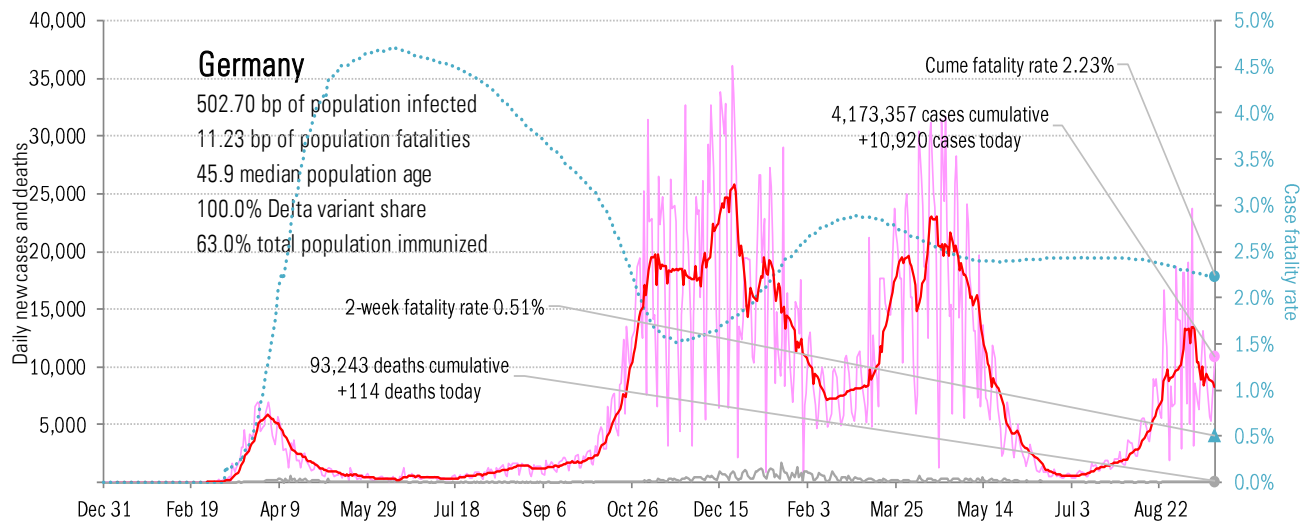
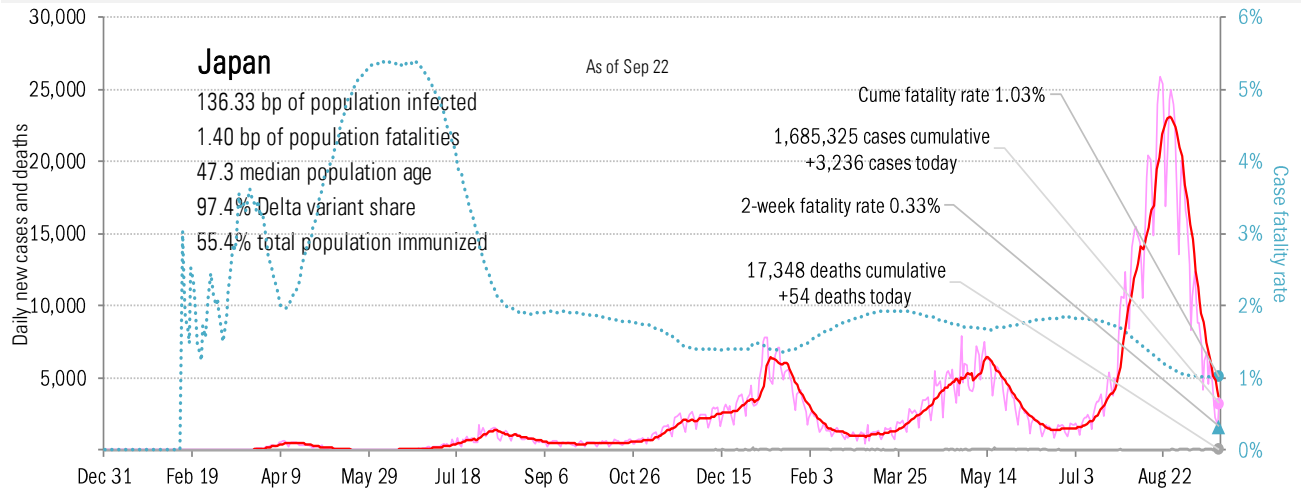
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

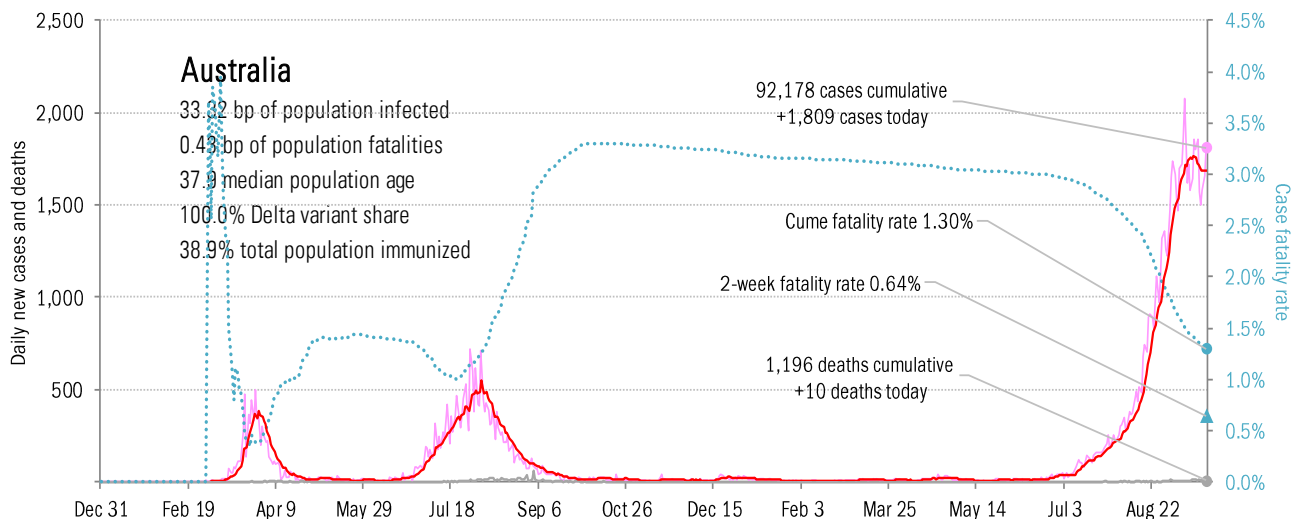
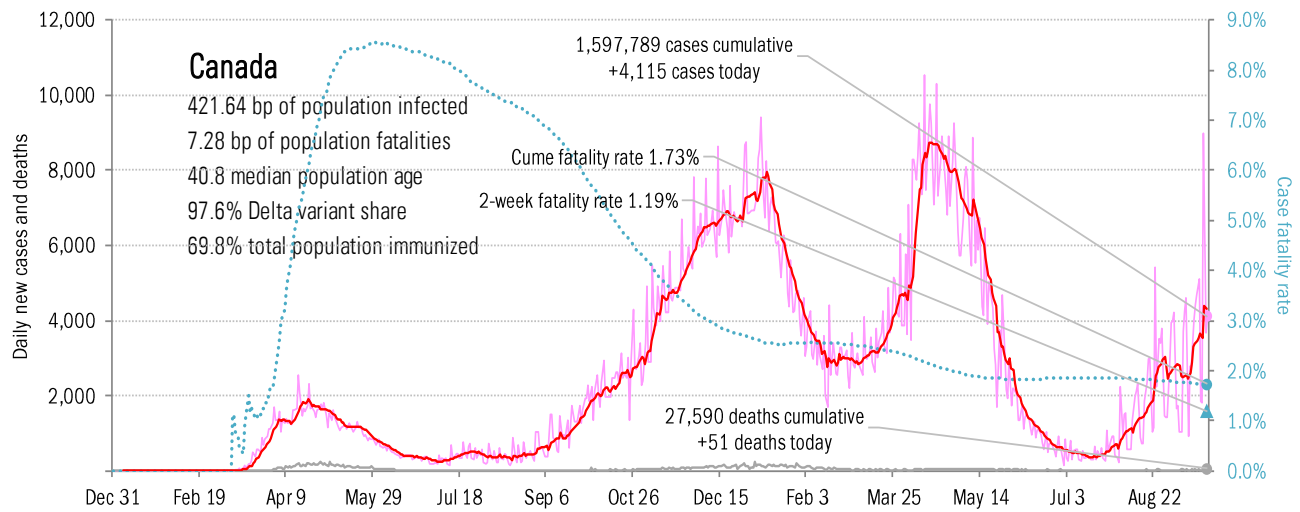
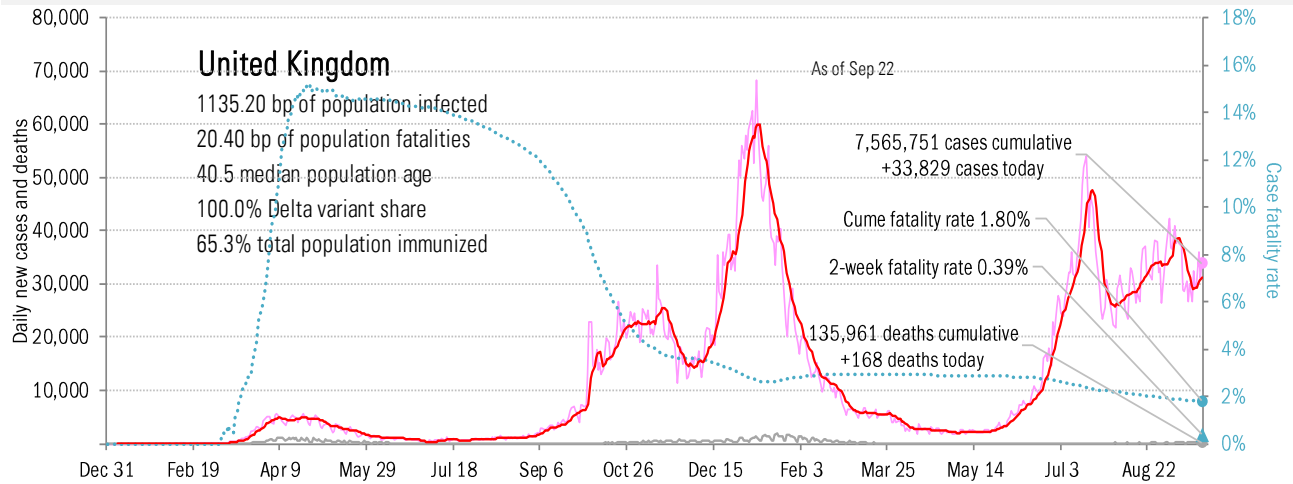
Cases: 7-day average and daily Deaths: Daily



Source: [Johns Hopkins](https://www.jhu.edu/), TrendMacro calculations

Impact in The Anglosphere

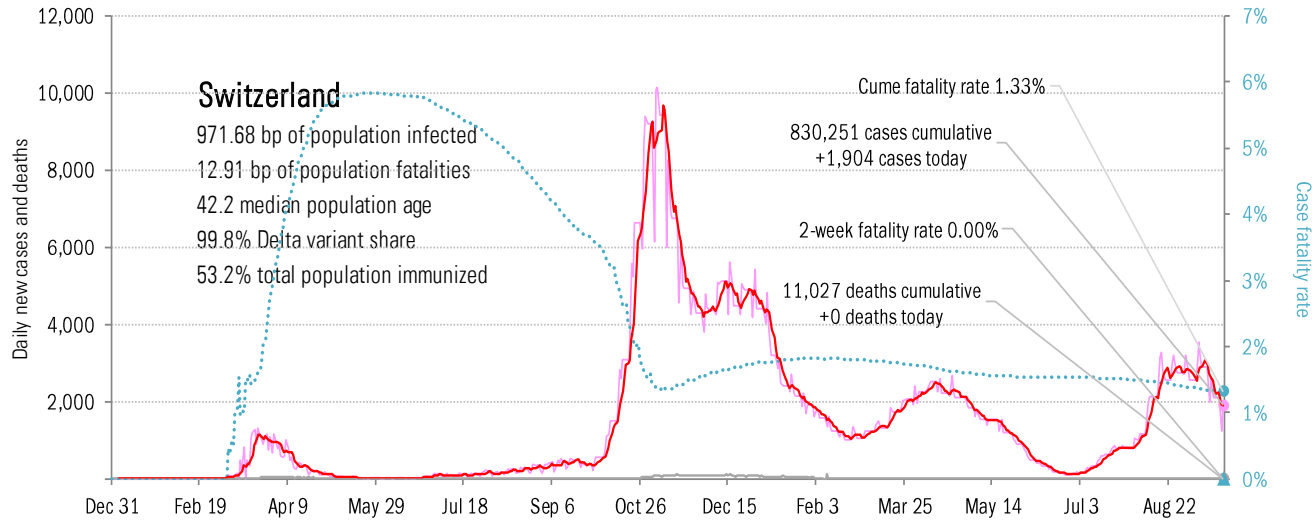
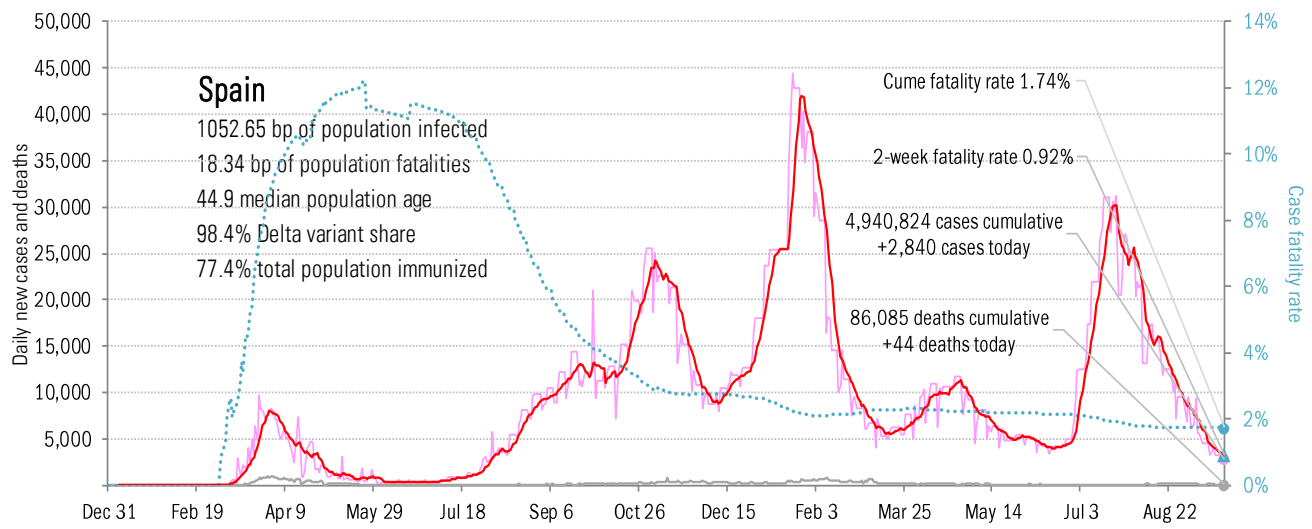
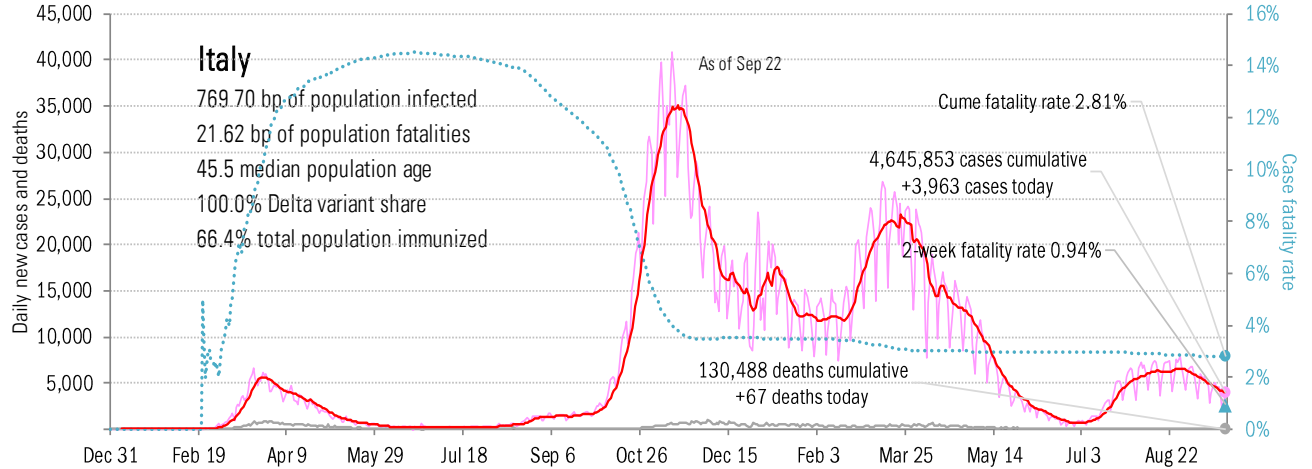
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

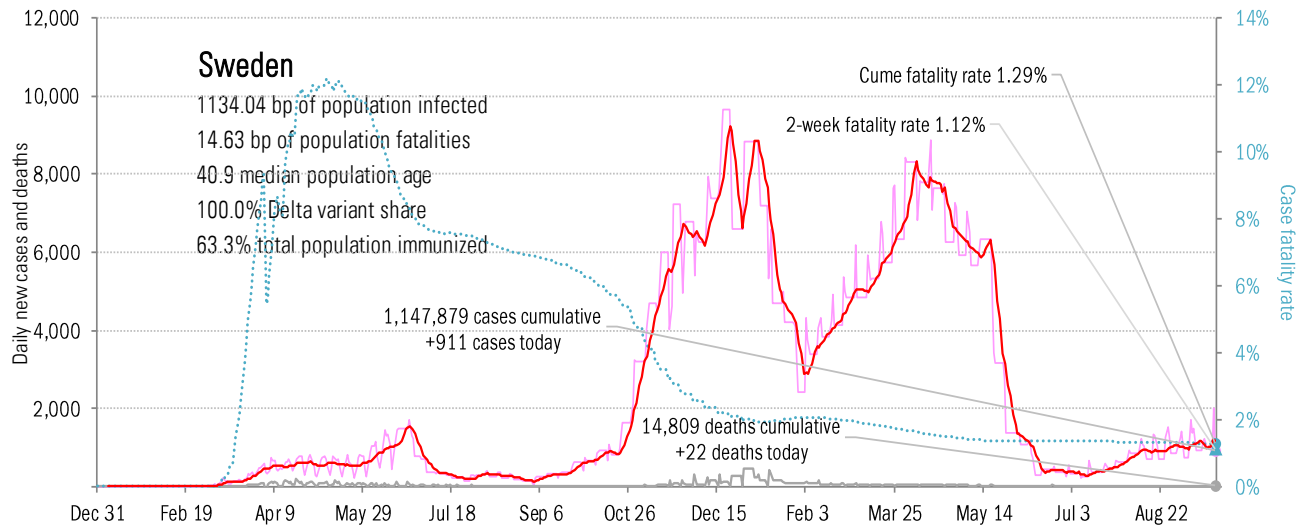
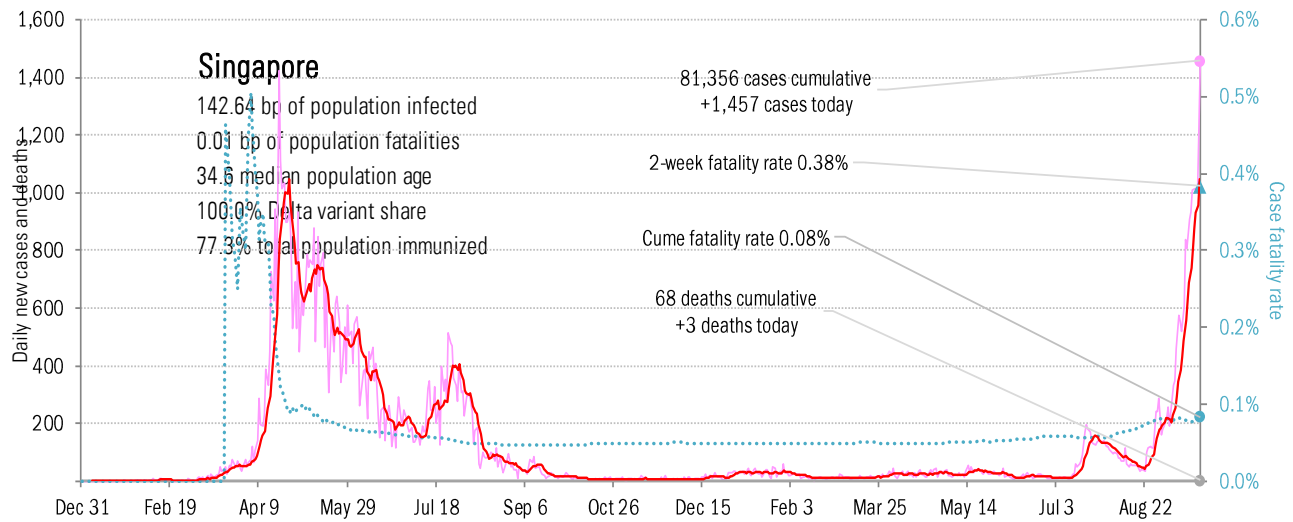
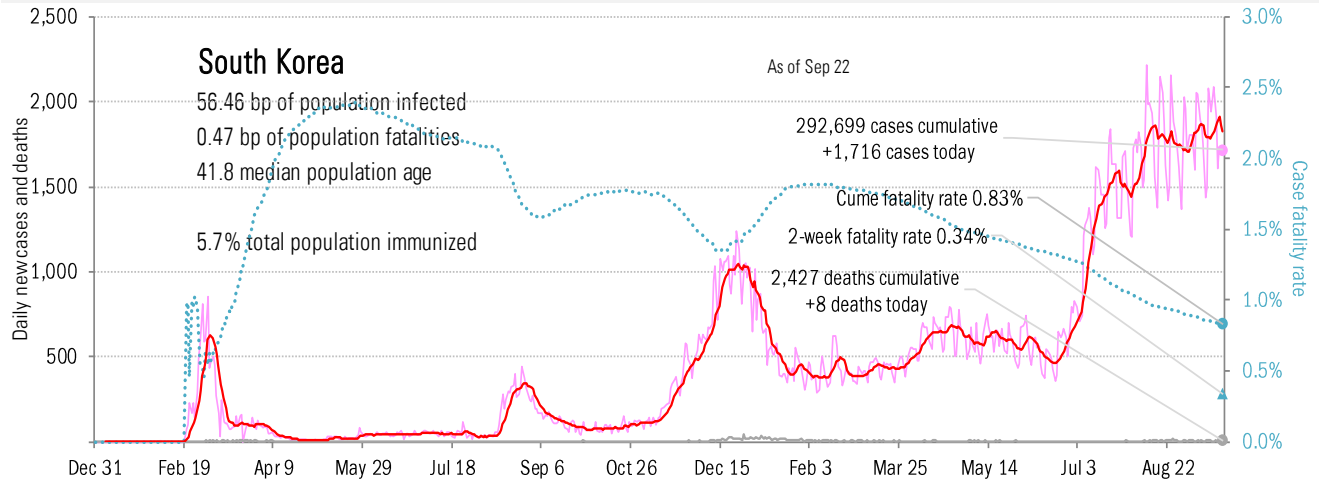
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

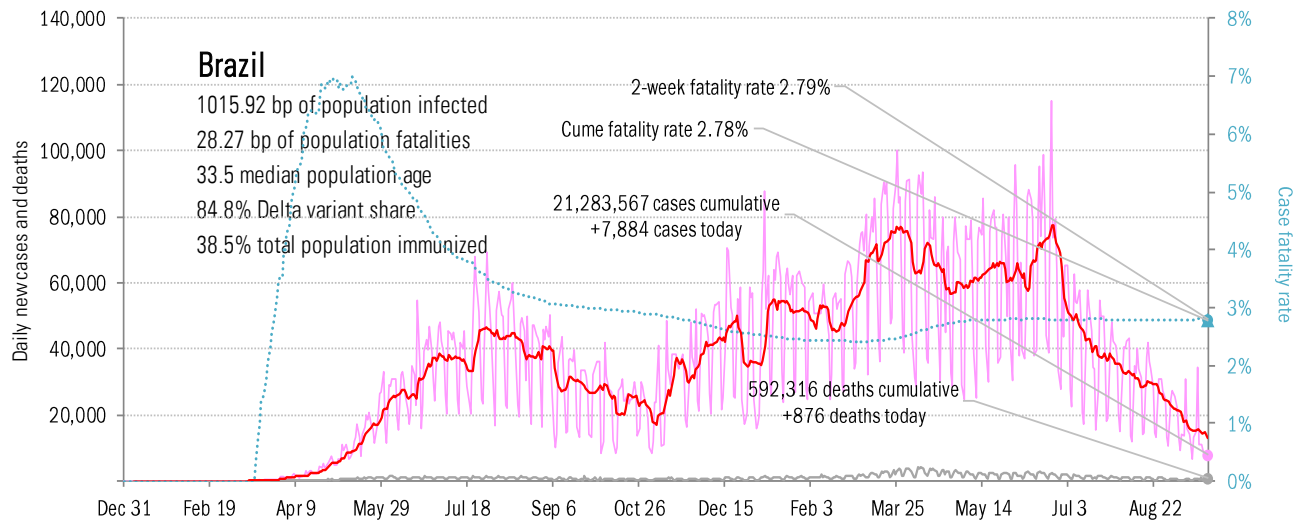
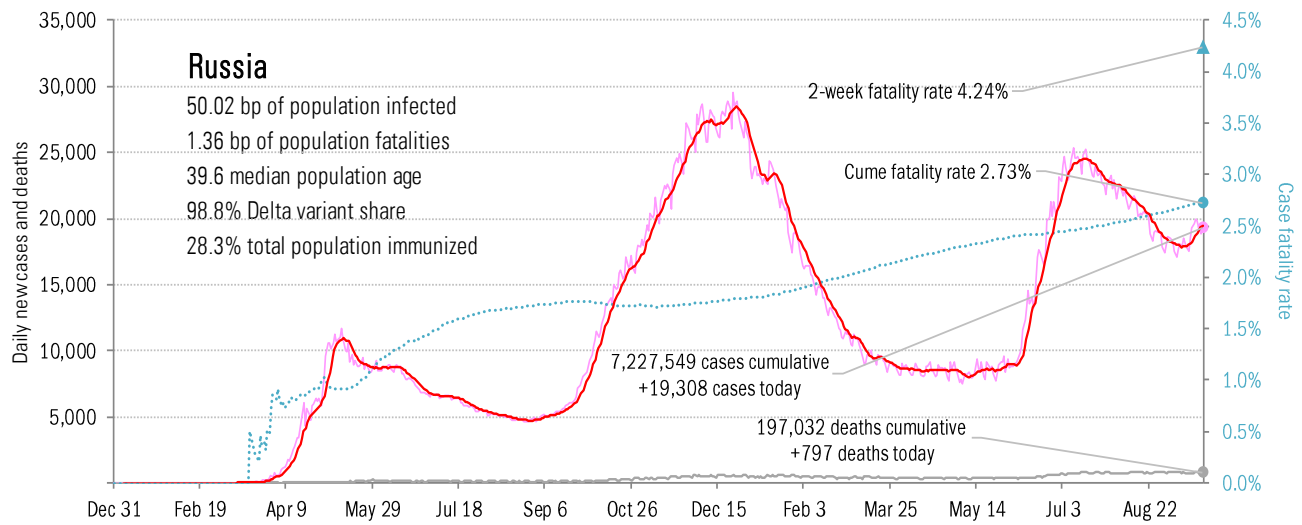
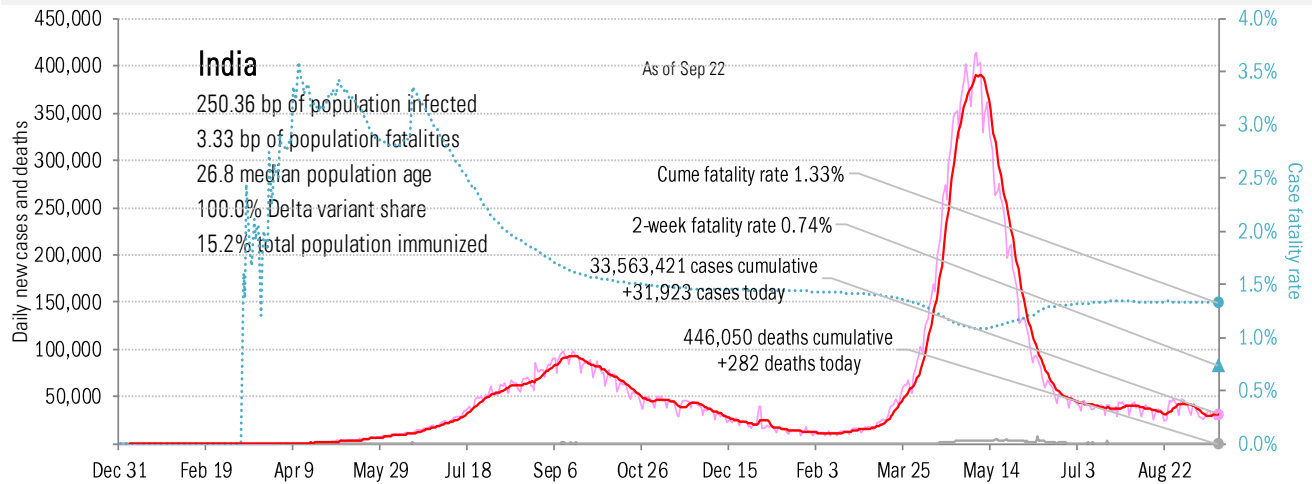
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

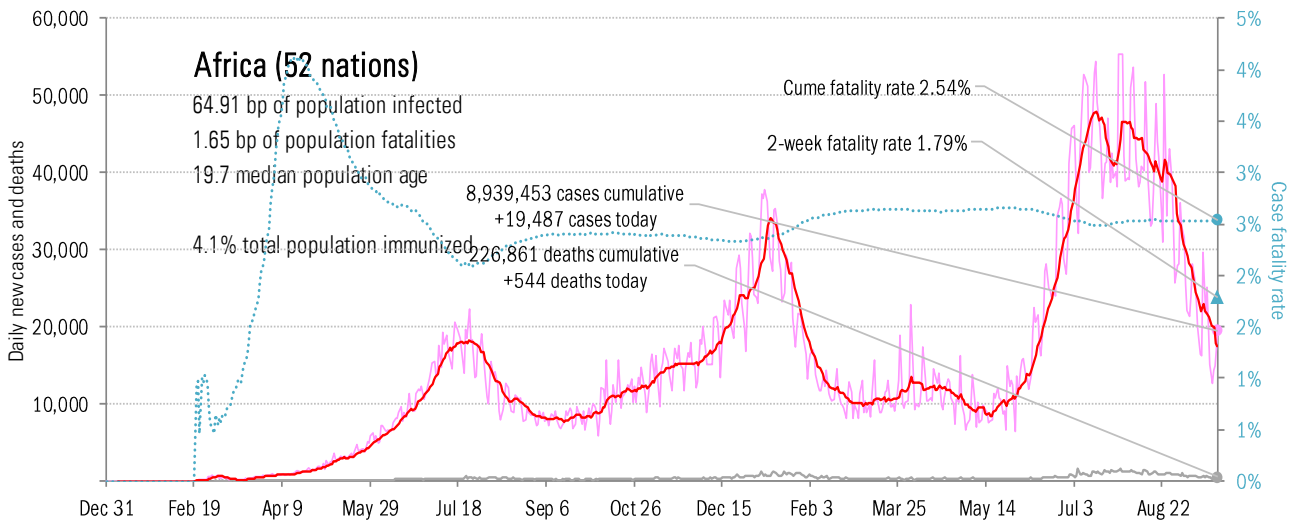
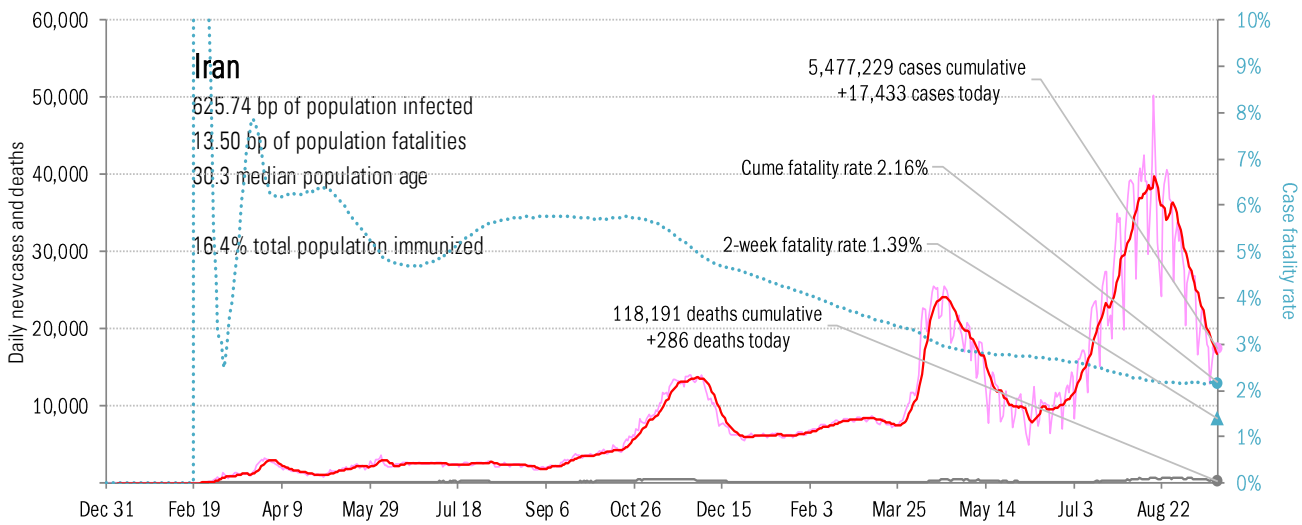
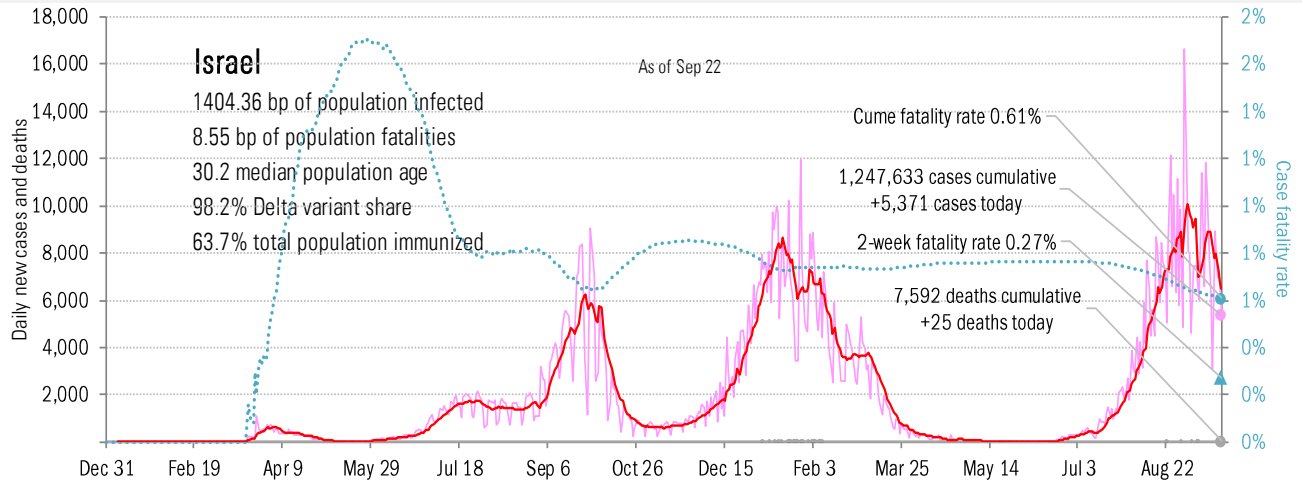
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

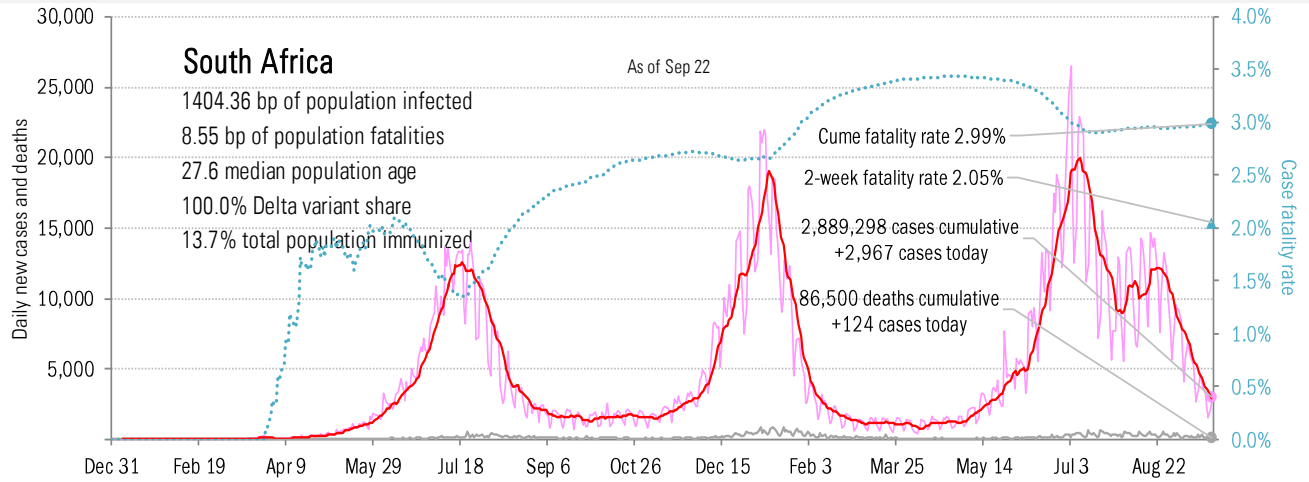
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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