

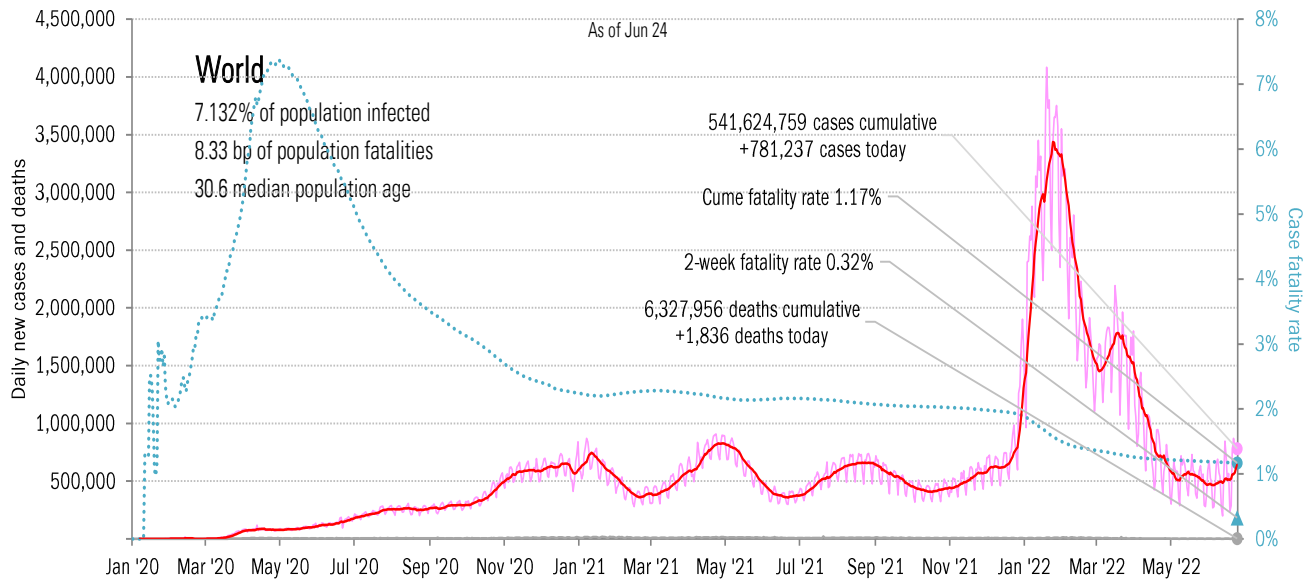
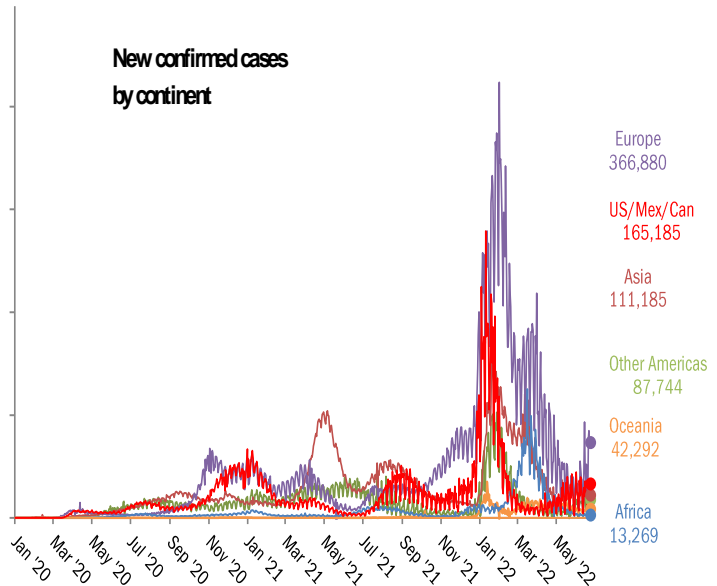
Data Insights: Covid-2019 Monitor

Saturday, June 25, 2022

The global scorecard

Cases: **7-day average** and **daily** Deaths: Daily

The worst ten countries			
New cases		New Deaths	
United States	146,777	United States	484
Germany	89,336	Brazil	334
France	79,310	Spain	195
Spain	68,186	Taiwan*	152
Brazil	60,384	Germany	84
Italy	56,410	United Kingdom	68
Taiwan*	45,736	Russia	65
Australia	33,149	Australia	52
United Kingdom	16,473	Italy	51
Mexico	16,133	France	49
611,894		1,534	
World	781,237	World	1,836
Top ten	78%	Top ten	84%



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

For more information contact us:

Donald Luskin: 214 550 2121 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

Cases: 7-day average and daily Deaths: Daily

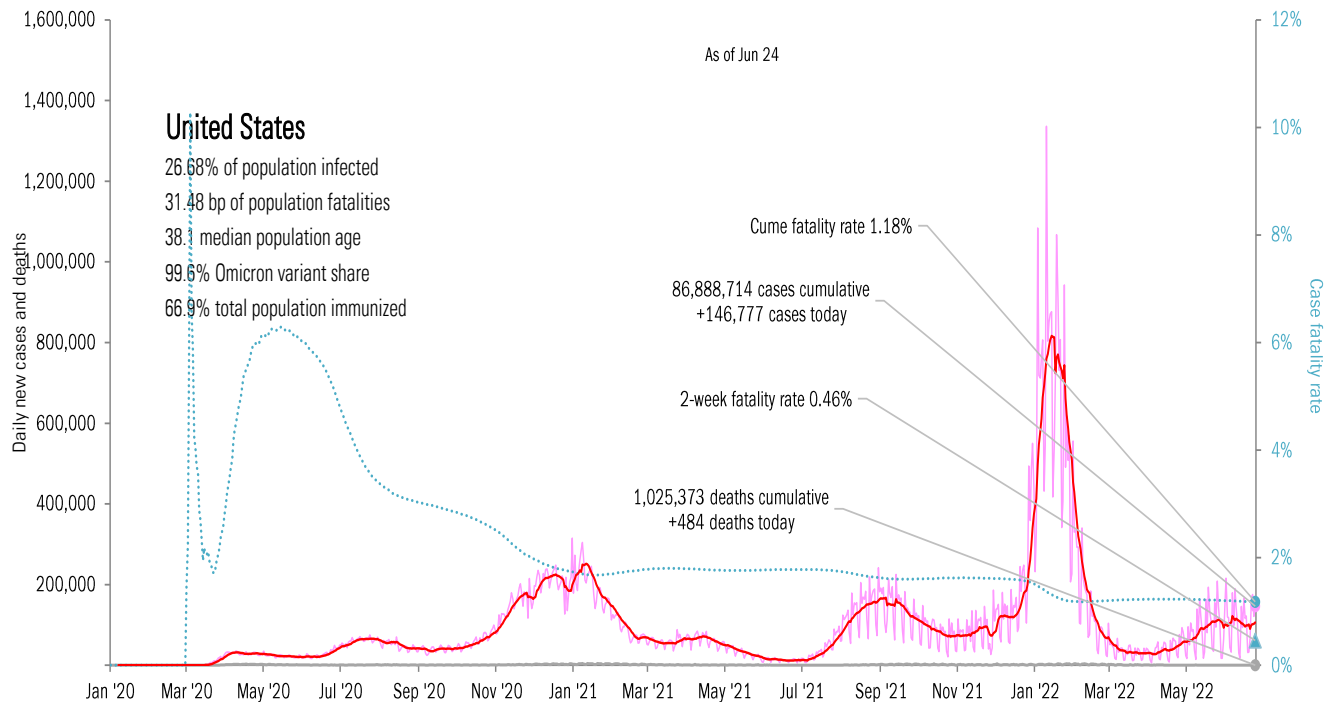
The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
CA	55,657		CA	78		CA	598		CA	10,024,838		CA	92,113		TX	501,608		RI	91%	DE	88%
TX	11,536		MO	57		TX	433		TX	7,126,696		TX	88,601		CA	446,453		MA	87%	RI	84%
MO	9,178		FL	56		SC	111		FL	6,403,573		FL	75,438		FL	439,378		MN	86%	TX	83%
NY	7,133		WA	30		GA	187		NY	5,577,480		NY	69,563		NY	268,946		MD	85%	MA	83%
WA	6,475		IL	27		OH	176		IL	3,407,189		PA	45,657		GA	209,058		WA	84%	NM	81%
IL	5,568		VA	21		TN	102		PA	2,987,357		CH	38,778		CH	198,952		GA	84%	NH	81%
FR	4,455		OR	19		AZ	123		NC	2,843,077		IL	38,510		PA	185,982		WV	83%	GA	80%
FL	4,327		NY	18		FL	613		CH	2,831,228		GA	38,447		IL	167,370		MO	83%	AK	80%
NJ	3,306		IN	14		AL	91		GA	2,626,597		MI	36,744		MI	149,299		PA	83%	AL	80%
VA	2,980		NJ	14		MO	112		MI	2,592,078		NJ	33,994		KY	135,660		DE	82%	WA	80%
110,615			334			2,546			46,420,113			557,845			2,702,706						
All states	146,777			484			5,002		All states	86,888,714			1,025,373			4,909,982		All states	70%		67%
Top ten	75%			69%			51%		Top ten	53%			55%			55%		Median	76%		74%

Some states not reporting

Five most improved US states

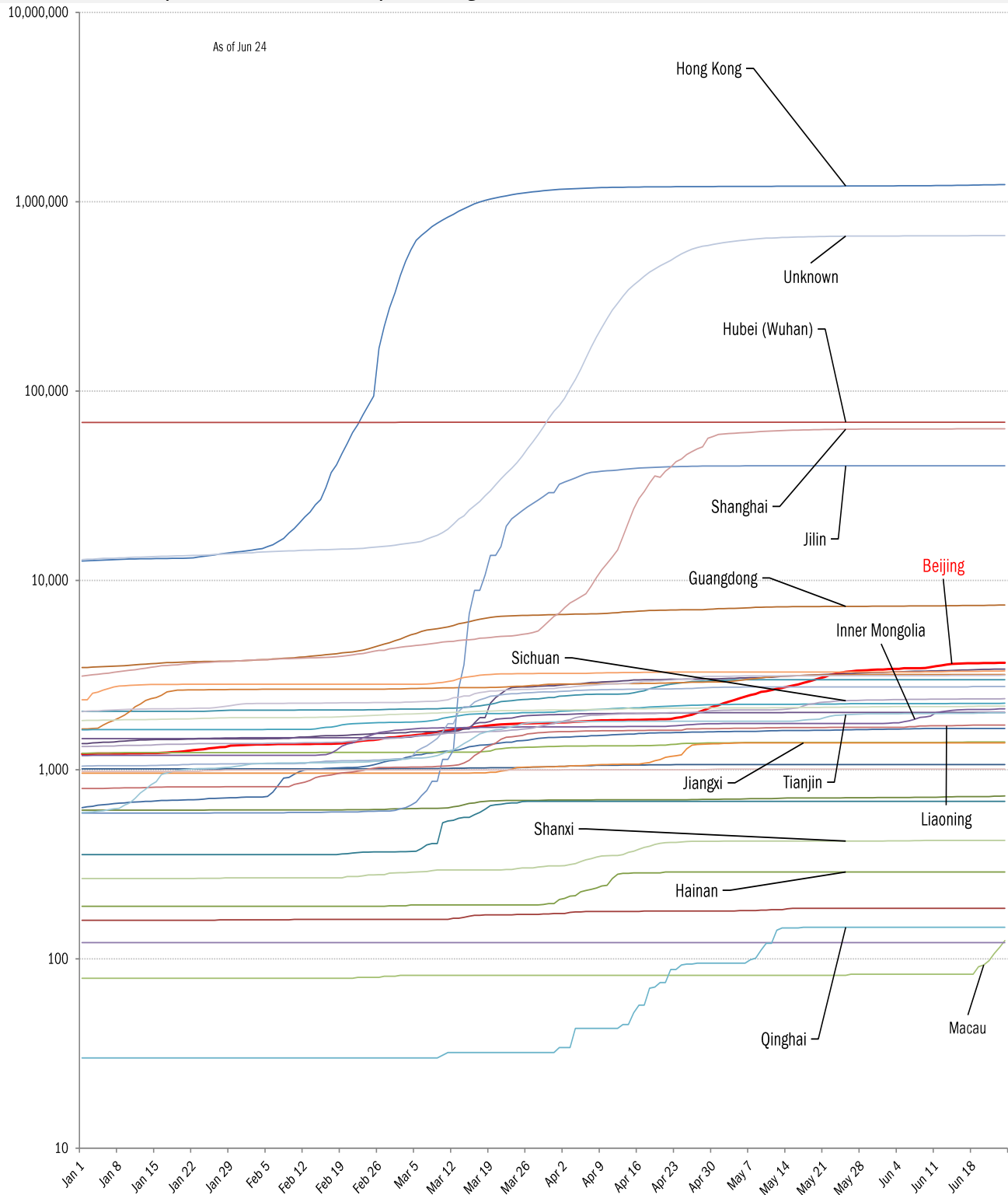
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CH	-16,159	CH	-121	LA	-31	AL	+10 bp
CO	-10,619	WV	-34	FL	-30	LA	+10 bp
UT	-6,776	TX	-23	MT	-21	AR	+10 bp
CK	-4,382	NY	-20	MS	-20	TN	+10 bp
MN	-2,887	MN	-19	IN	-16	IN	+10 bp



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

China provincial coronavirus case accelerometer... tracking the "zero Covid" curves

Cumulative reported cases this year, log scale: flat line indicates "zero Covid"



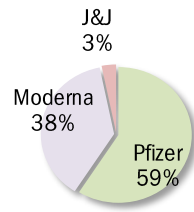
Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	609,306,461	+0.213 million	US	66.9%	78.1%
of which boosters	106,436,940	+0.054 million	UK	73.4%	78.5%
	One dose	% Pop	Immune	% pop	New immune today
Total population	267,294,476	80%	228,468,426	68%	+0.029 million
Age 12 to 17	17,887,639	71%	15,325,994	61%	+0.002 million
Age 18 to 64	179,463,763	88%	152,670,205	75%	+0.015 million
Age 65 and over	59,303,568	100%	51,846,769	95%	+0.006 million

France	78.4%	80.8%
Spain	86.7%	88.2%
Germany	75.5%	77.1%
Italy	79.4%	84.2%
Australia	84.0%	86.7%
Israel	66.1%	72.2%
Canada	83.3%	87.2%
Japan	81.2%	82.3%
Africa	18.4%	23.8%
India	65.2%	72.9%
Brazil	78.8%	86.2%
China	87.2%	89.5%



AK	70.2%
	62.9%

State

At least partial immunity as % population

Full immunity as % population

"Immunity" = two doses

Best (Blue)

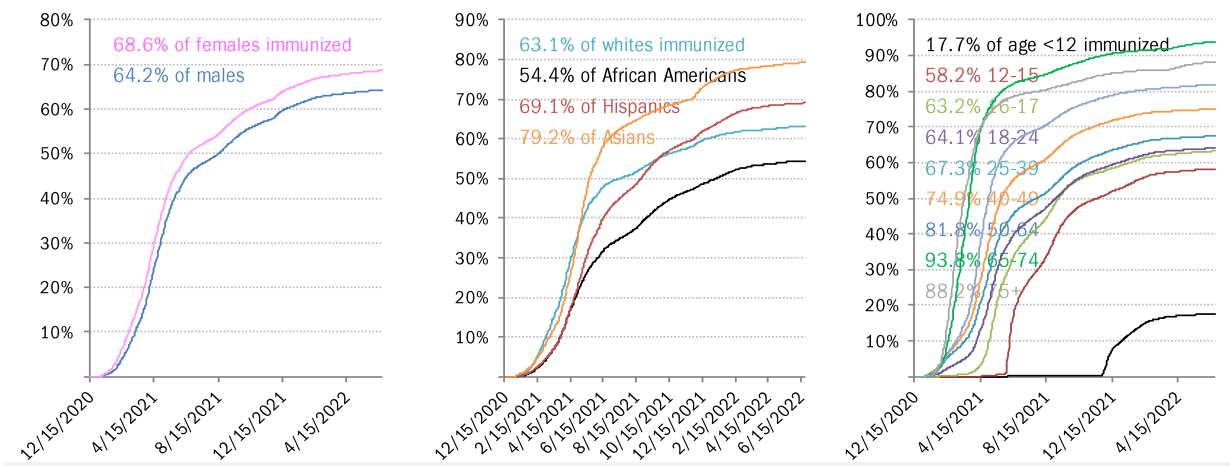
Middle (Purple)

Worst (Red)

As of Jun 23

WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	
81.4%	62.2%	65.8%	66.1%	75.6%	76.3%	67.4%	90.9%	94.4%	89.4%	
73.1%	55.8%	57.3%	55.9%	69.7%	69.1%	60.6%	77.7%	81.9%	71.5%	
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
78.5%	76.0%	58.5%	77.6%	68.3%	62.5%	63.6%	85.9%	91.2%	95.0%	
70.2%	61.4%	51.3%	62.5%	62.4%	56.4%	58.8%	69.4%	76.4%	79.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.8%	72.5%	80.0%	70.8%	66.7%	66.6%	65.5%	86.5%	87.3%	95.0%	95.0%
72.8%	64.6%	70.8%	64.1%	56.6%	57.8%	58.1%	74.0%	76.4%	80.1%	83.7%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	74.1%	88.9%	73.0%	67.3%	62.6%	85.6%	68.3%	95.0%	84.0%	
	62.3%	71.9%	62.5%	55.0%	55.0%	62.4%	57.6%	76.2%	70.0%	
		OK	LA	MS	AL	GA				
		71.7%	61.5%	60.0%	63.2%	66.0%				
		57.9%	53.9%	52.2%	51.6%	55.3%				
		TX					FL		PR	
		74.2%					80.0%		95.0%	
		62.2%					67.6%		83.6%	

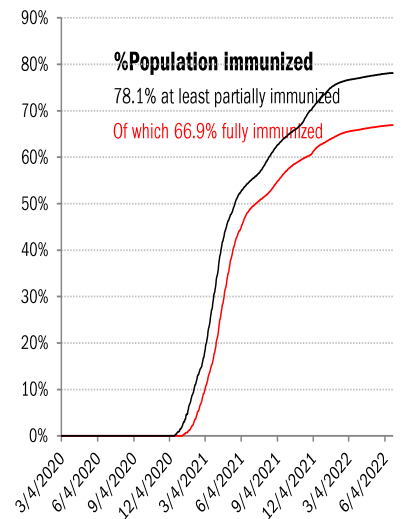
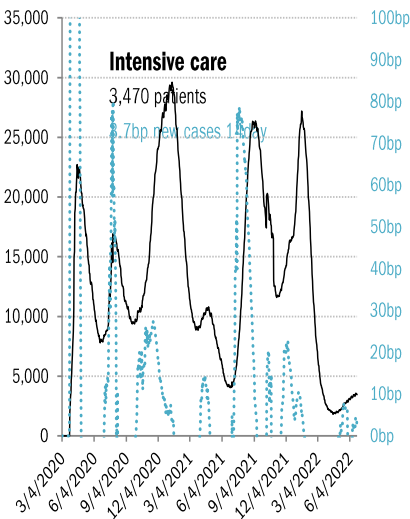
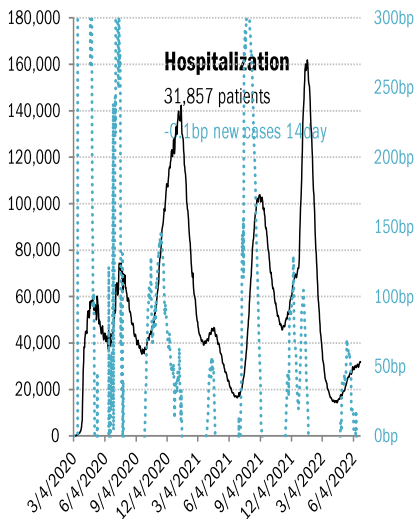
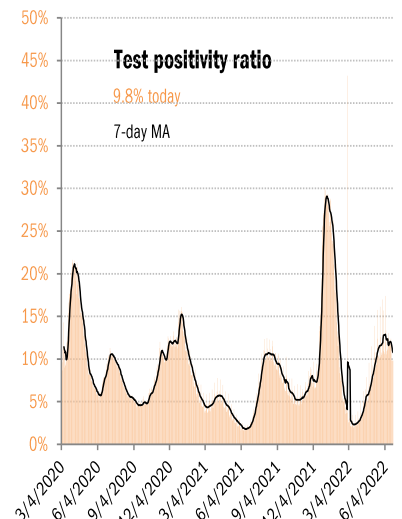
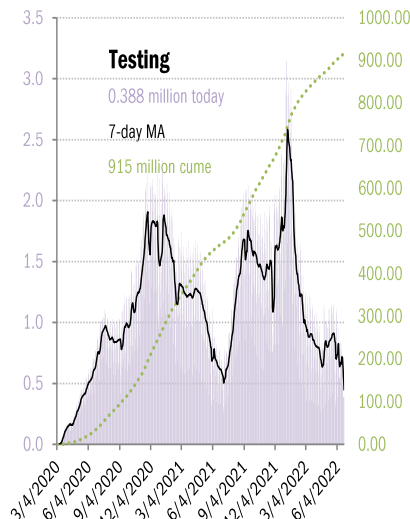
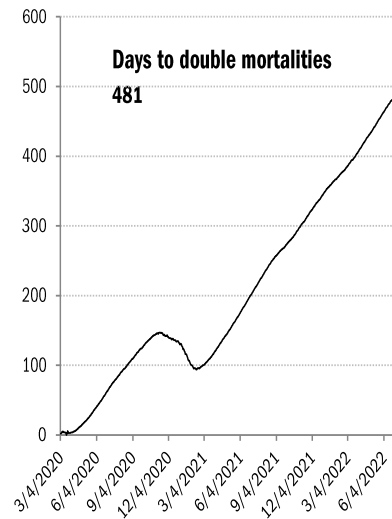
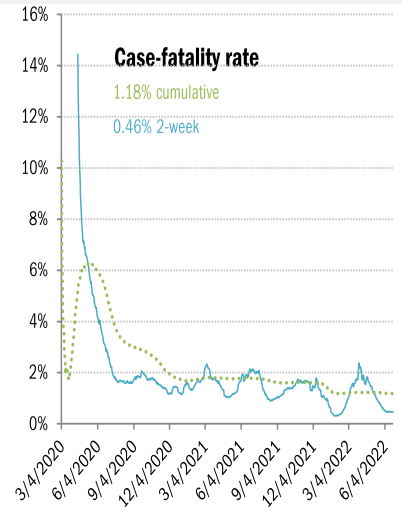
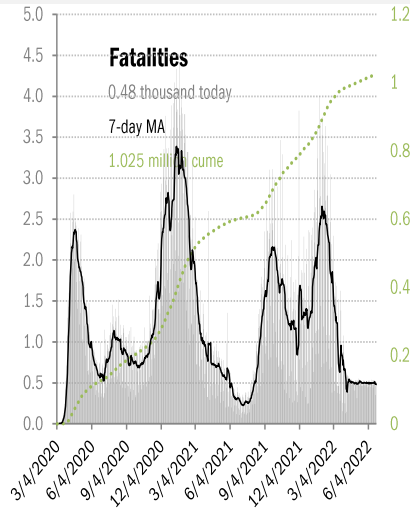
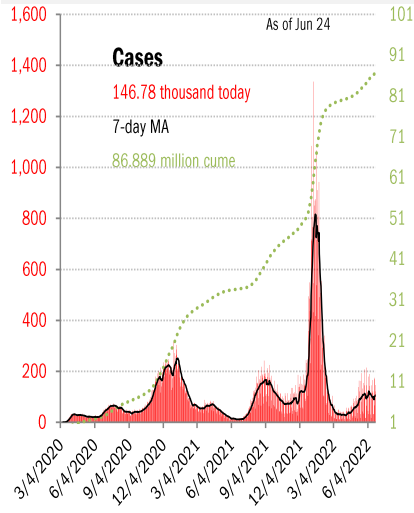
The demographics of US vaccination



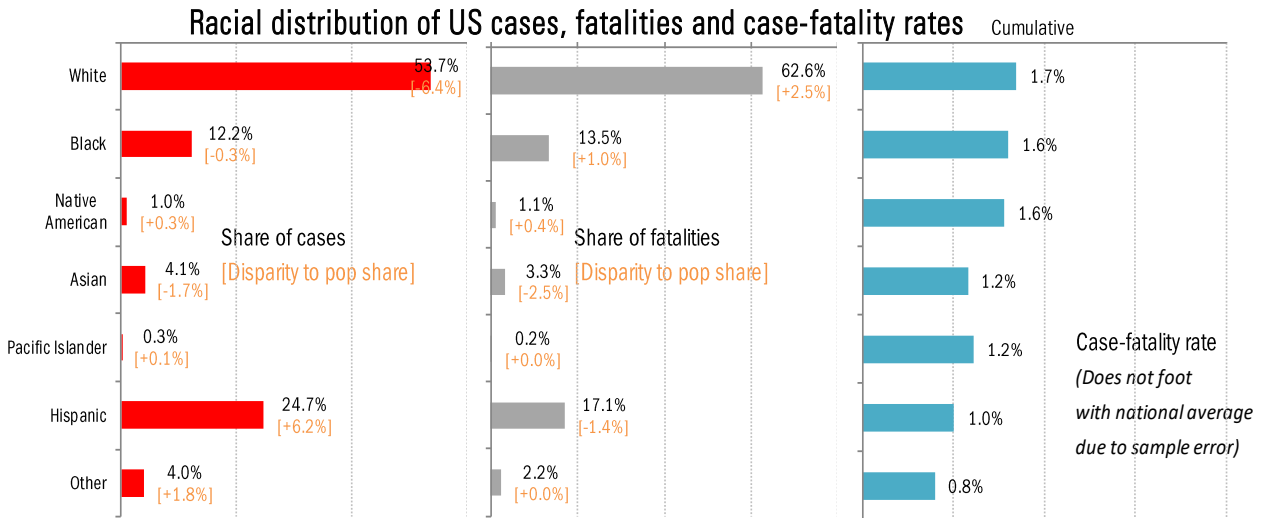
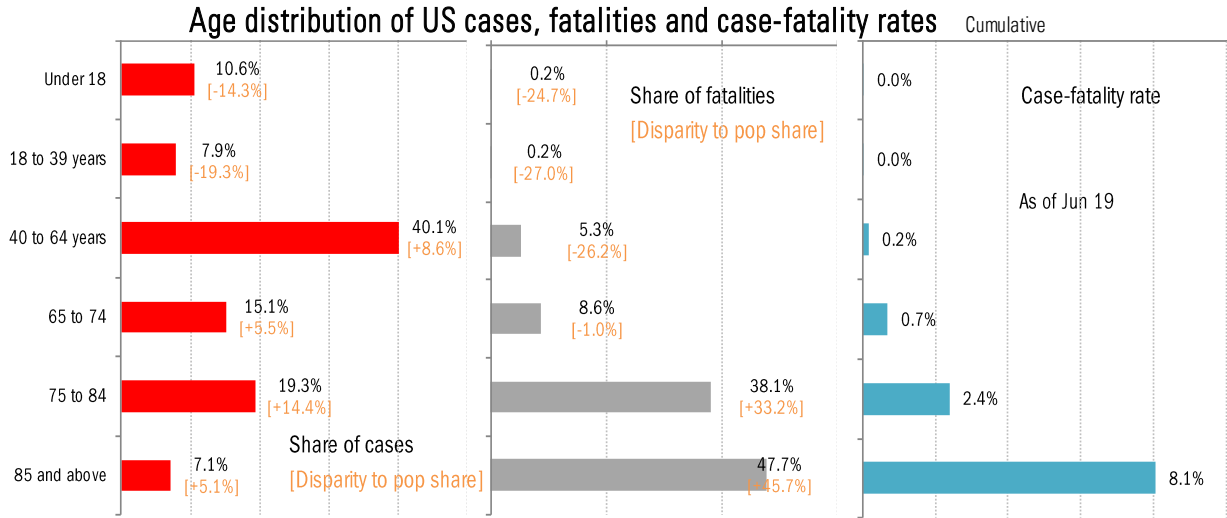
Source: CDC, CDC, Our World in Data, TrendMacro calculations

US deep-dive

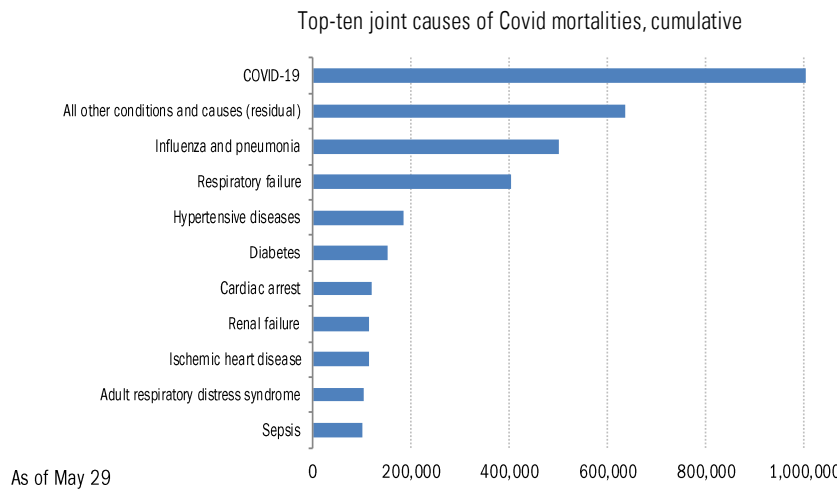
National and state-by-state data do not line up because of different sources



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.

Source: Distributions [CDC](#), Comorbidities [CDC](#), TrendMacro calculations

Recommended reading

[Attention citizens!](#)

Alex Berenson

Unreported Truths

June 24, 2022

[Global impact of the first year of COVID-19 vaccination: a mathematical modelling study](#)

Oliver J Watson

The Lancet Infectious Diseases

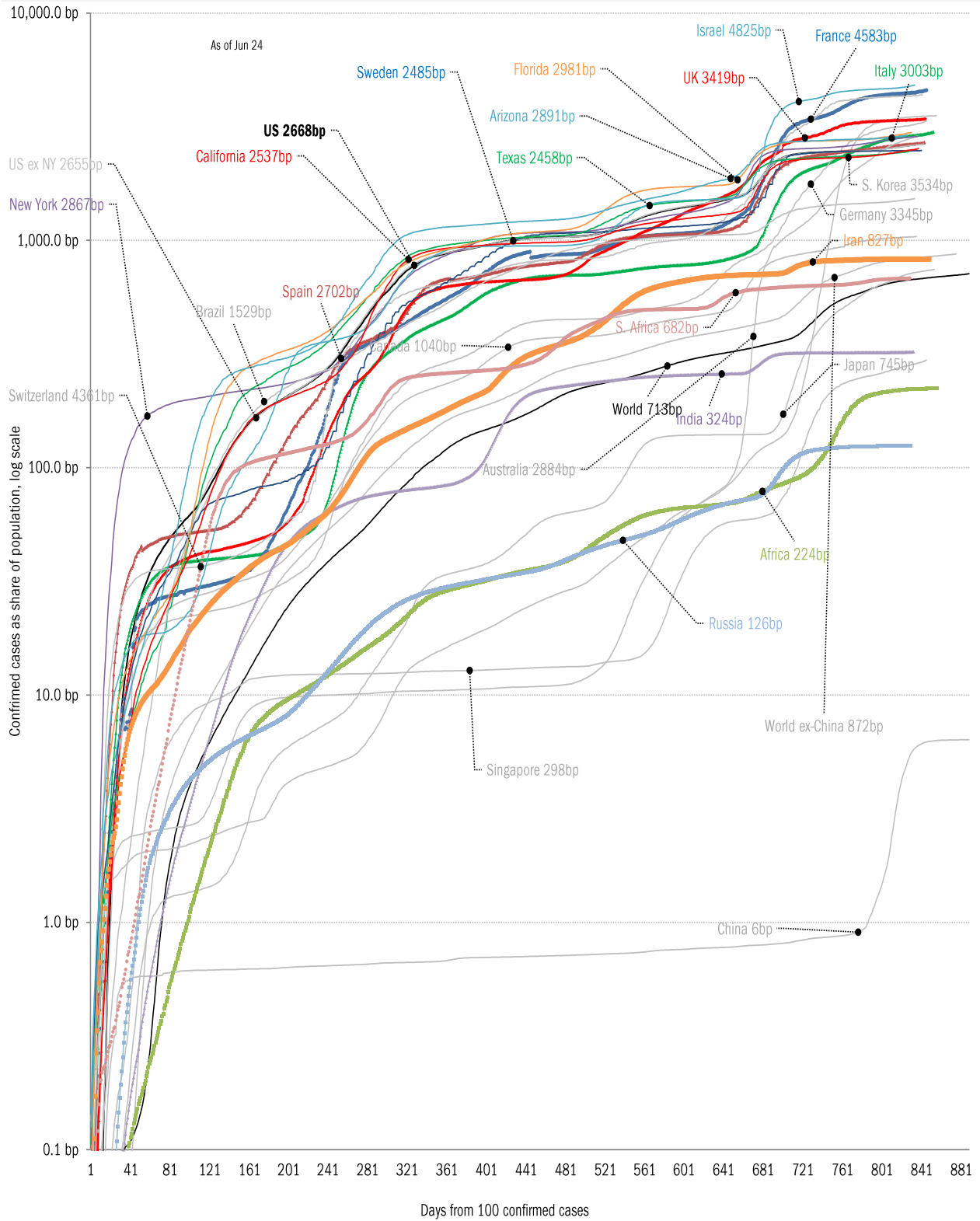
June 23, 2022

Meme of the day



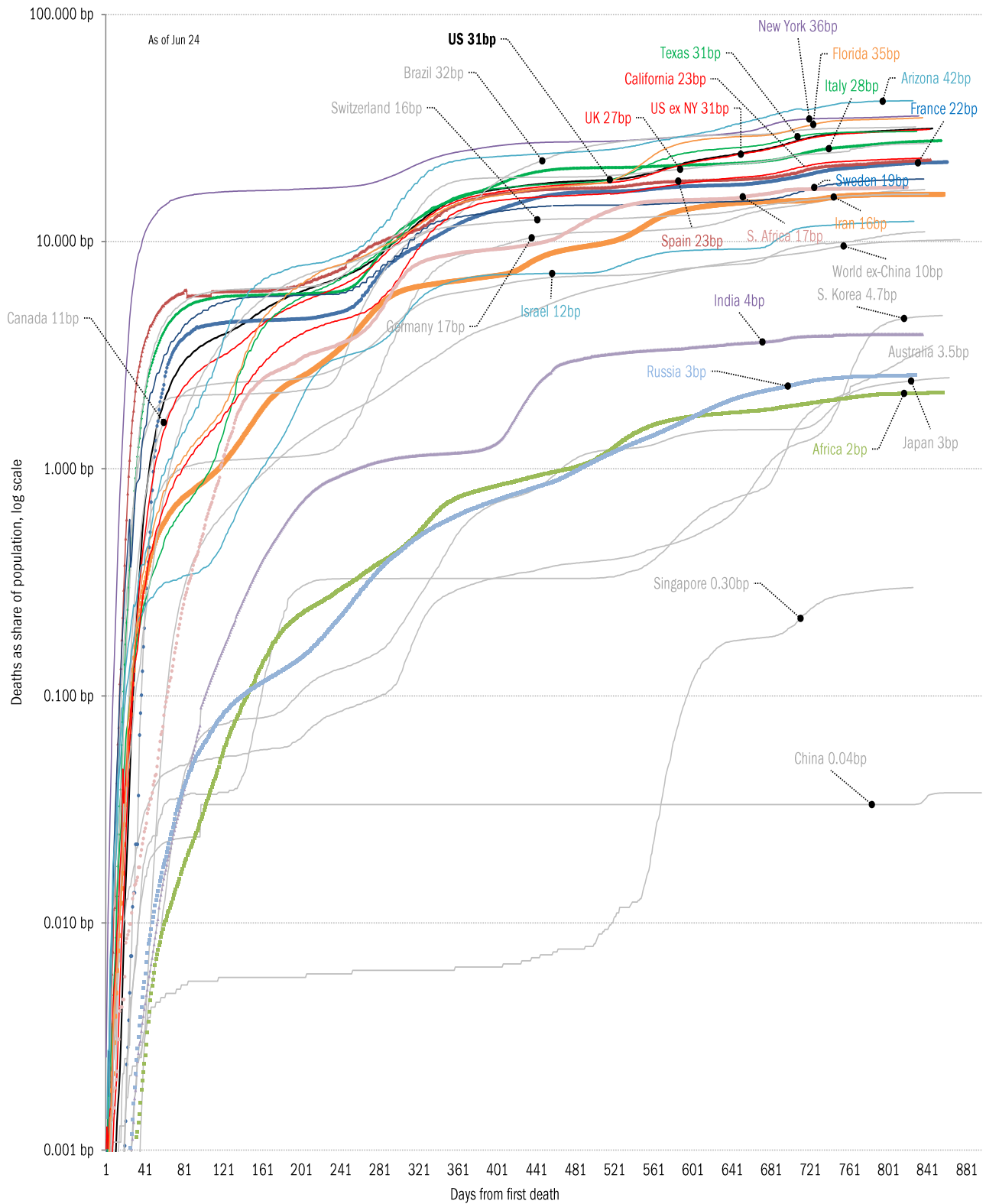
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

The global 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 global coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality, log scale

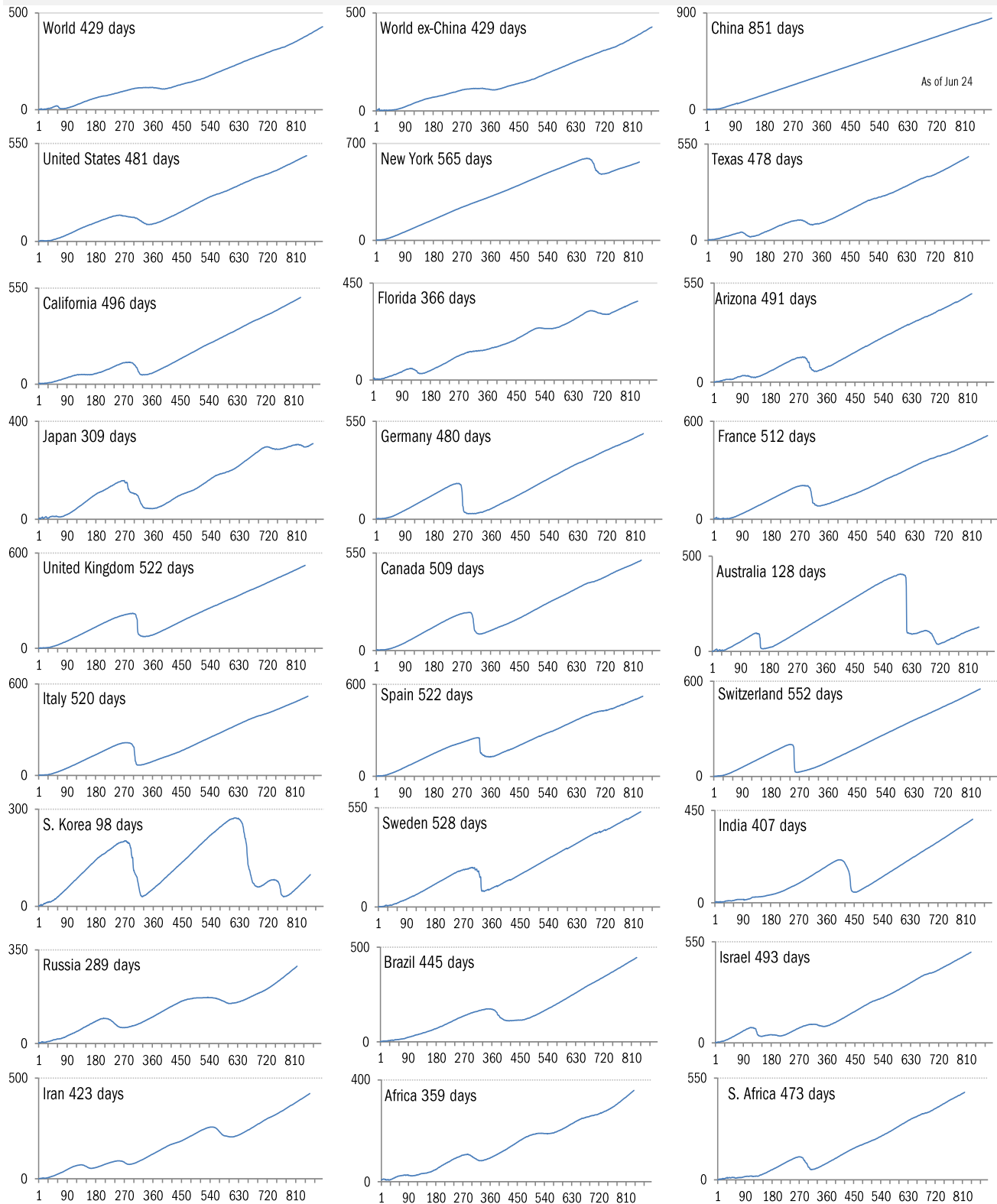


Source: [Johns Hopkins](#), TrendMacro calculations

Our most reliable evidence of the rate of spread 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

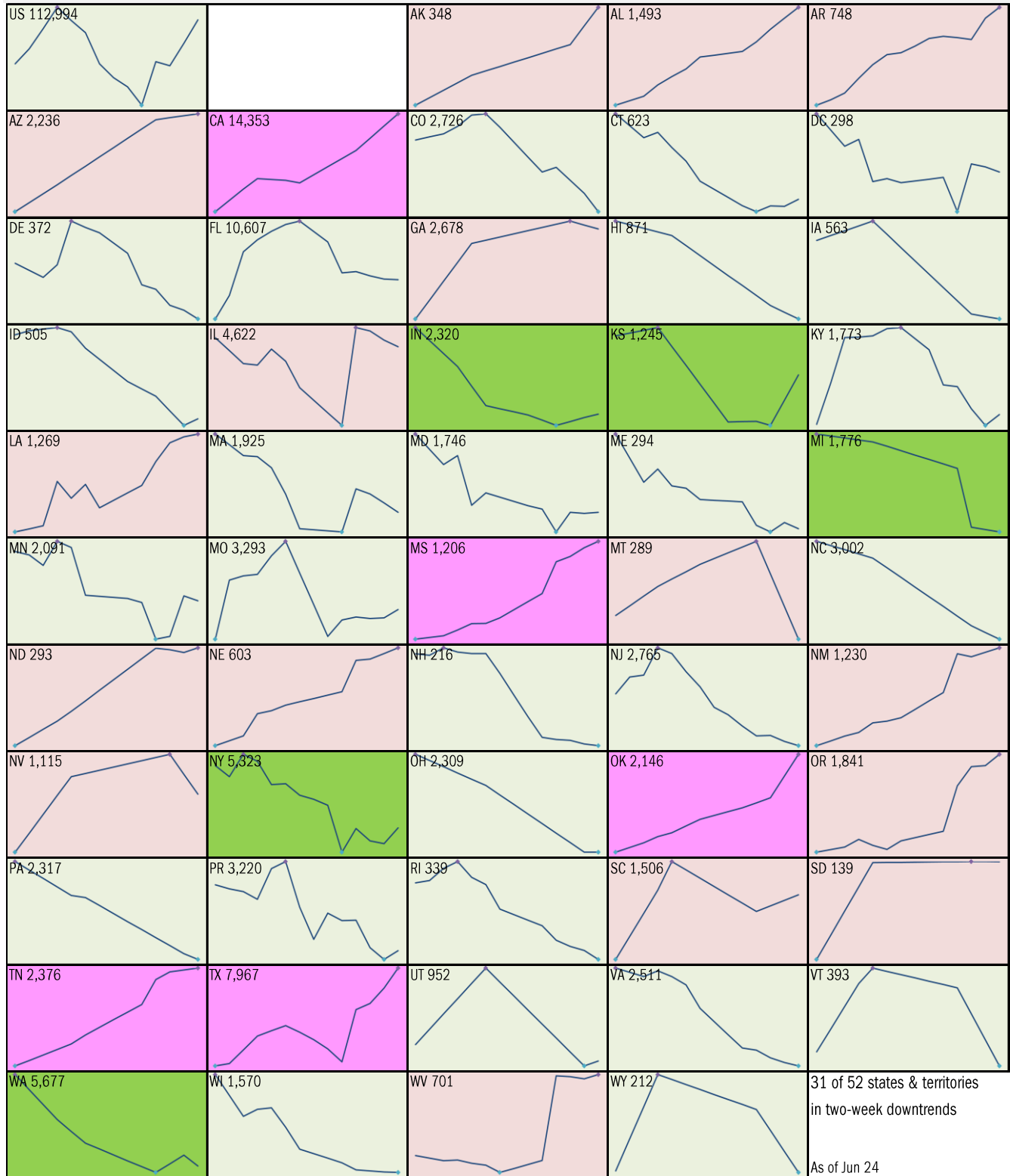


Source: [Johns Hopkins](#), TrendMacro calculations

14-day 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

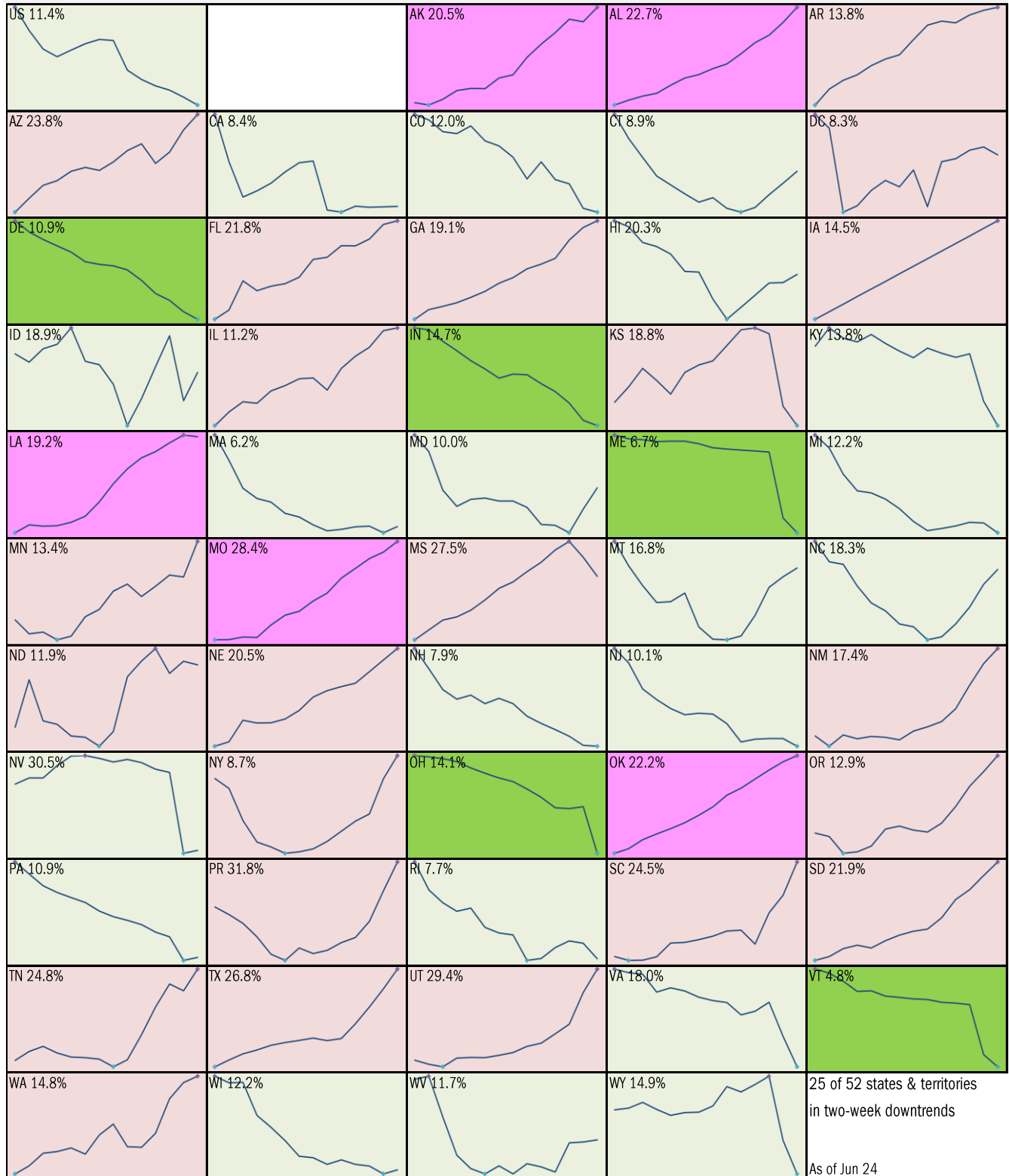


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

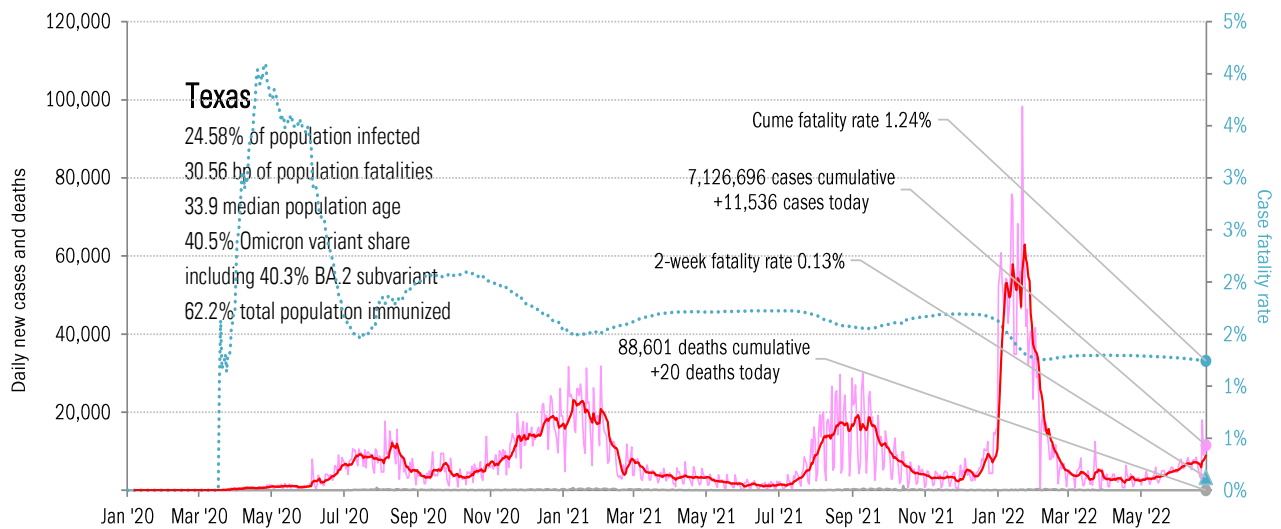
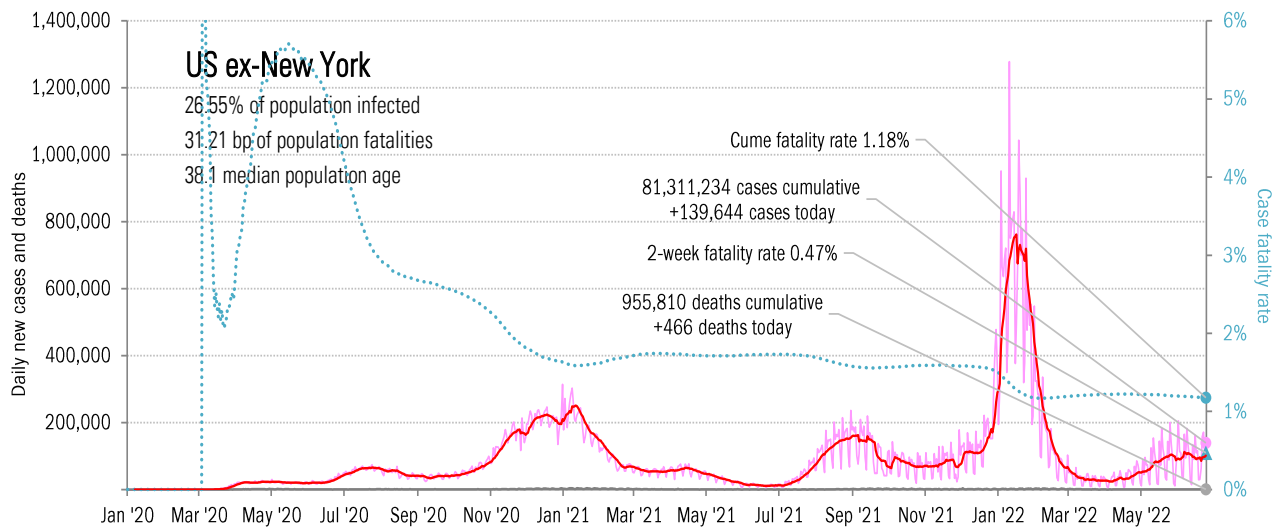
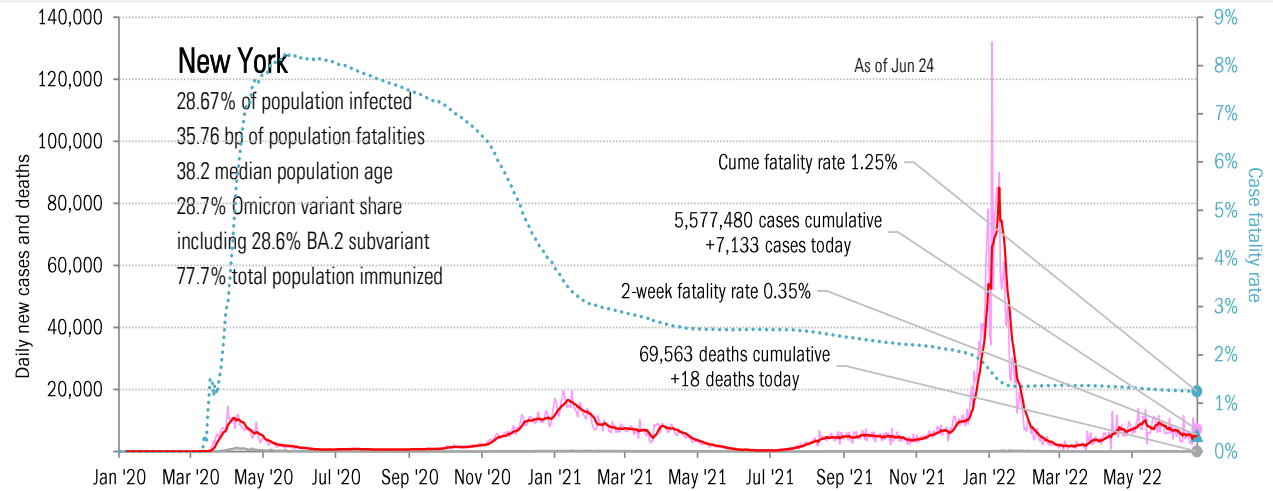
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

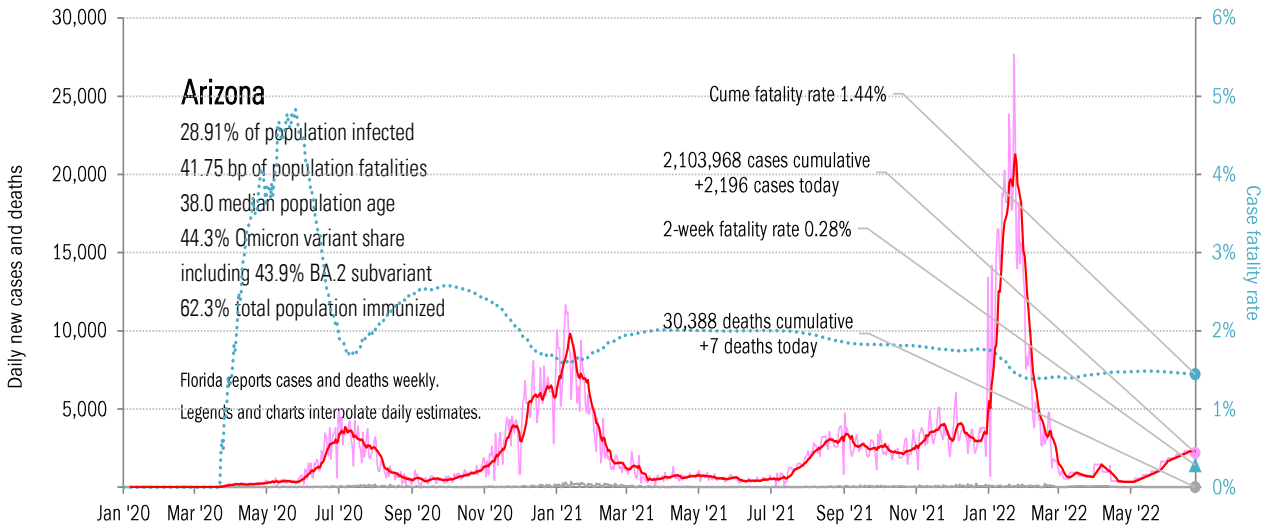
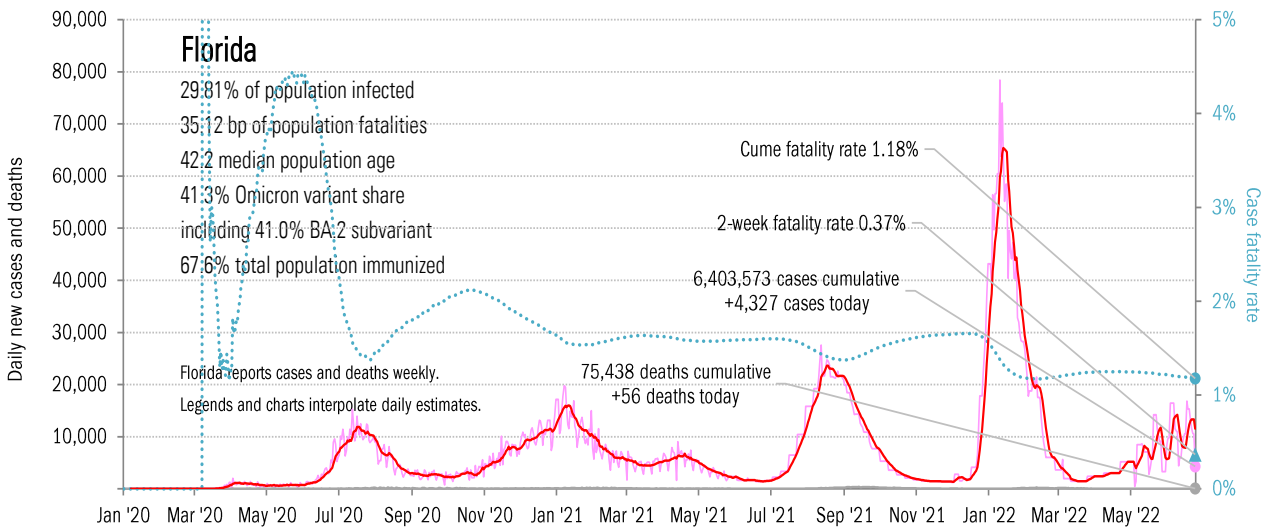
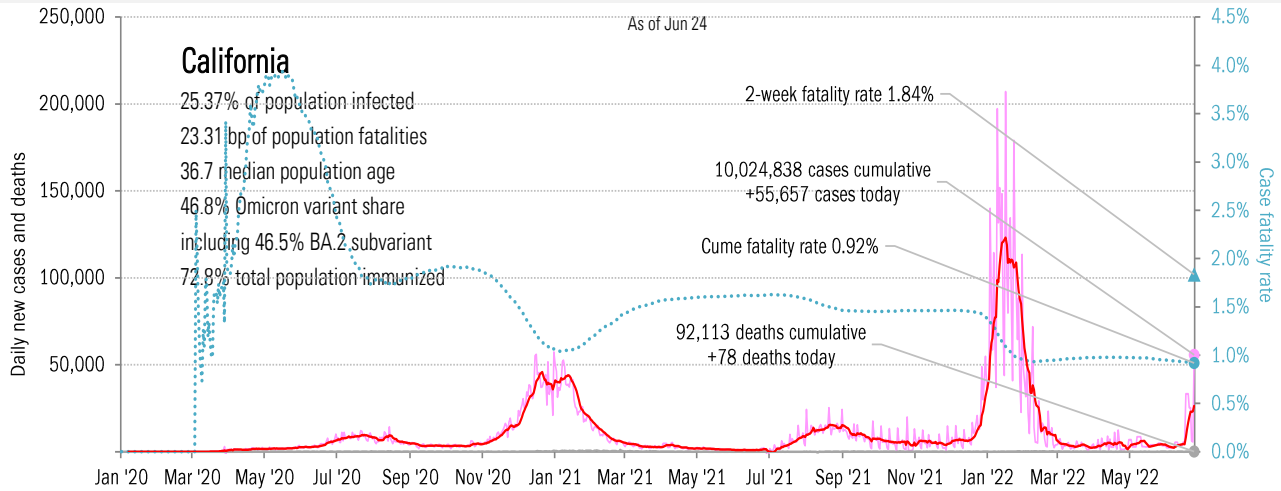
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

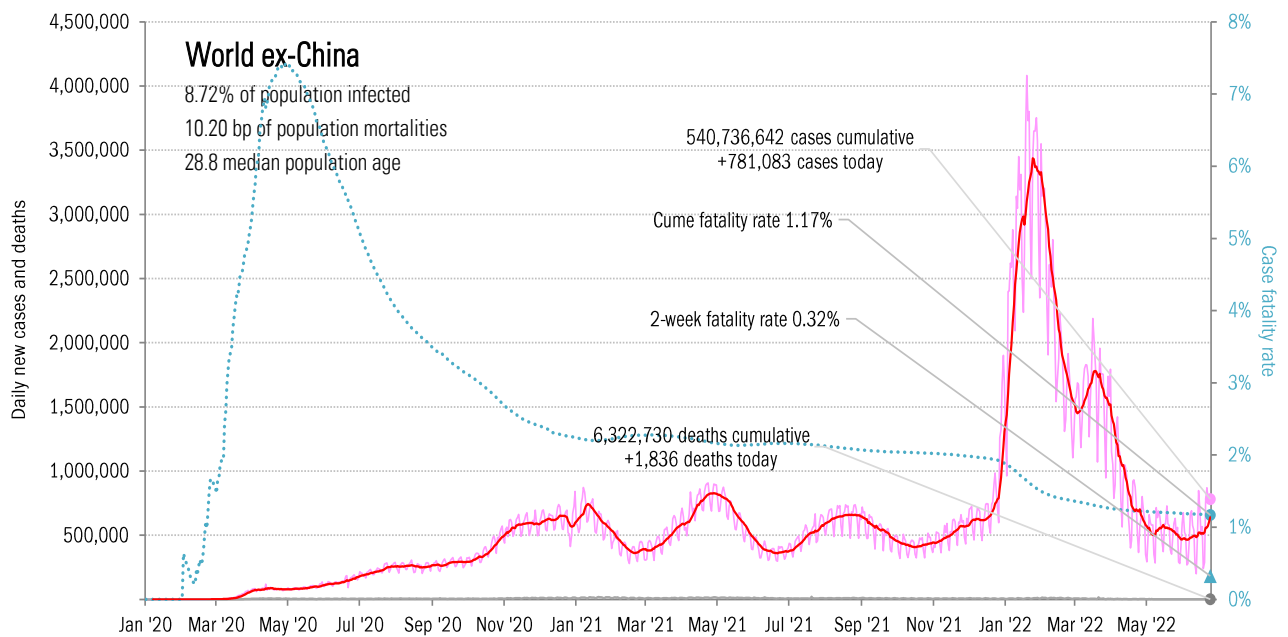
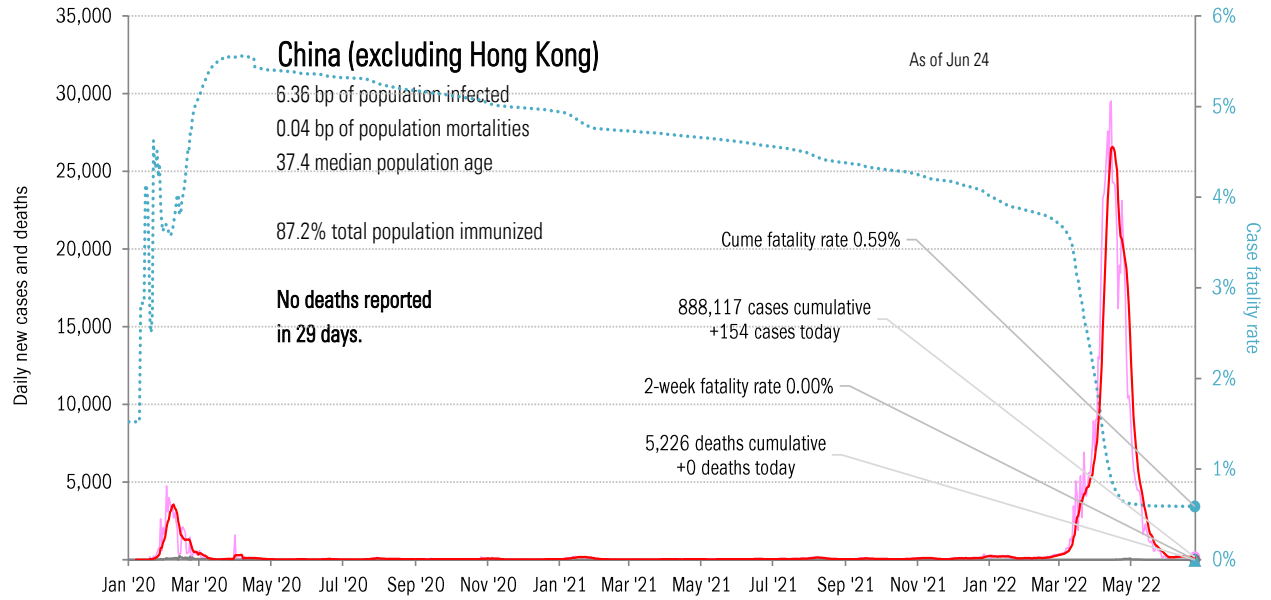
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

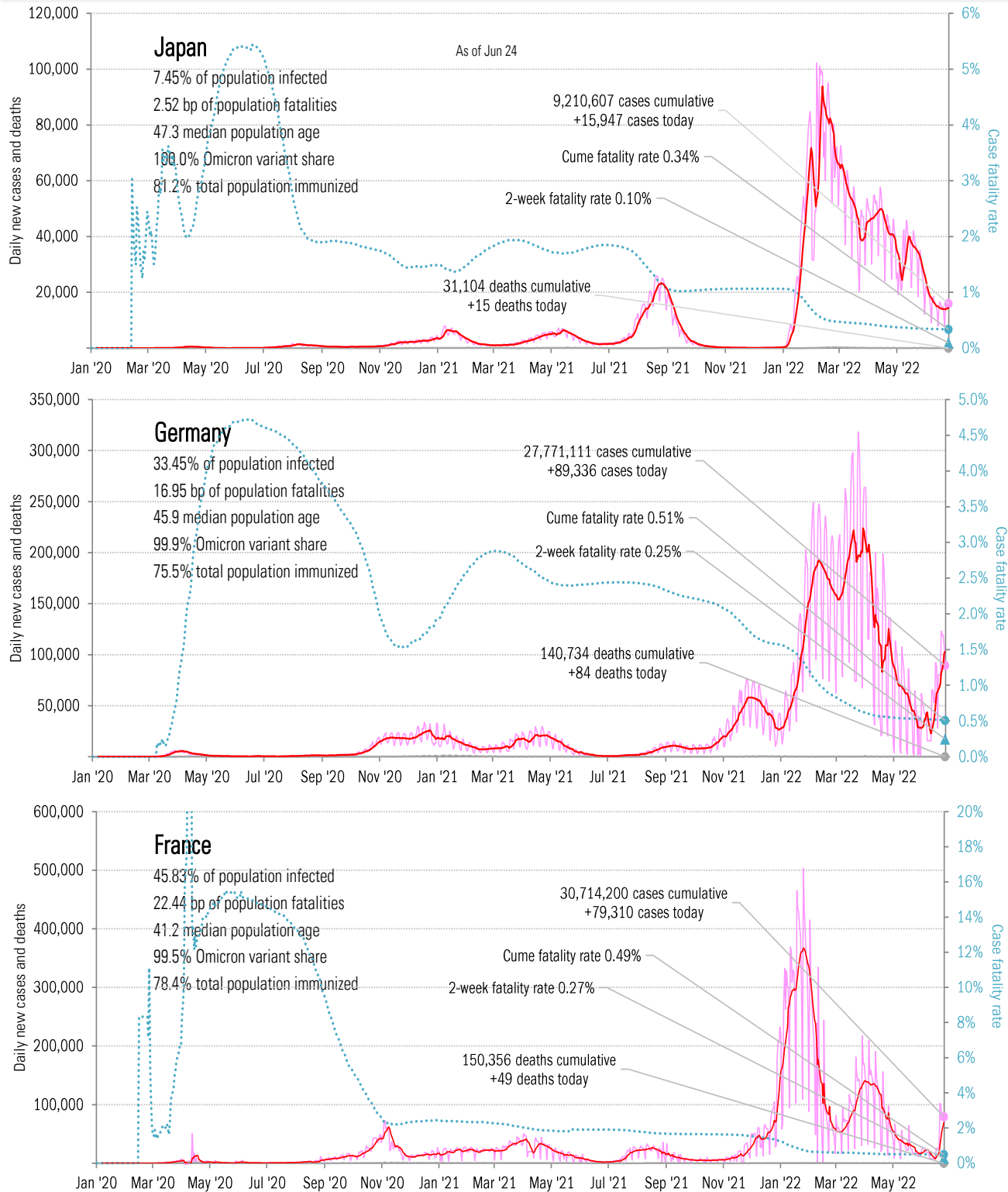
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

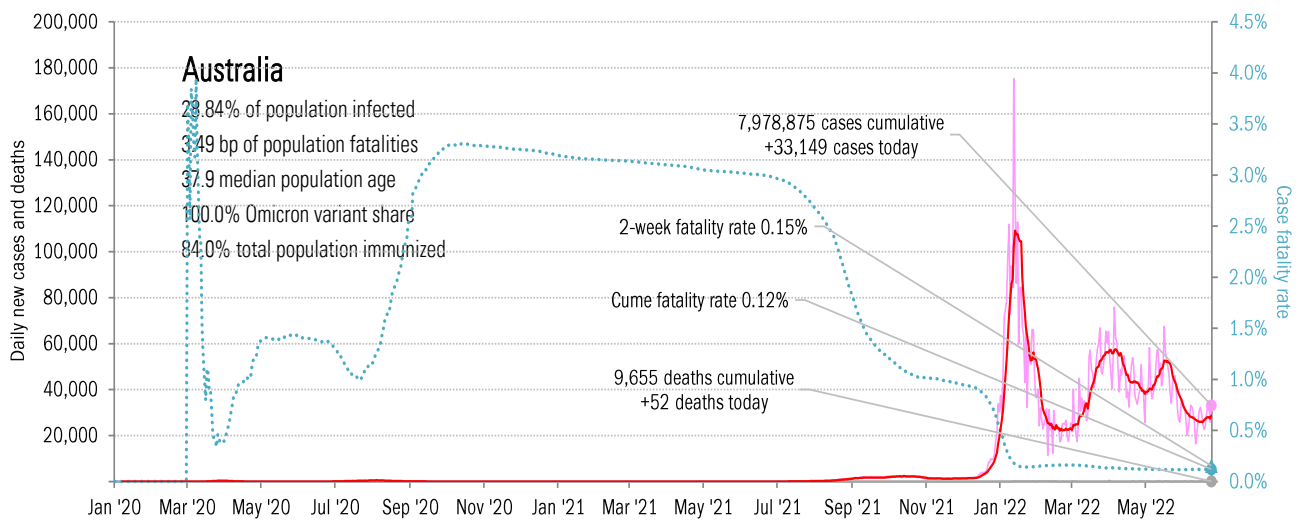
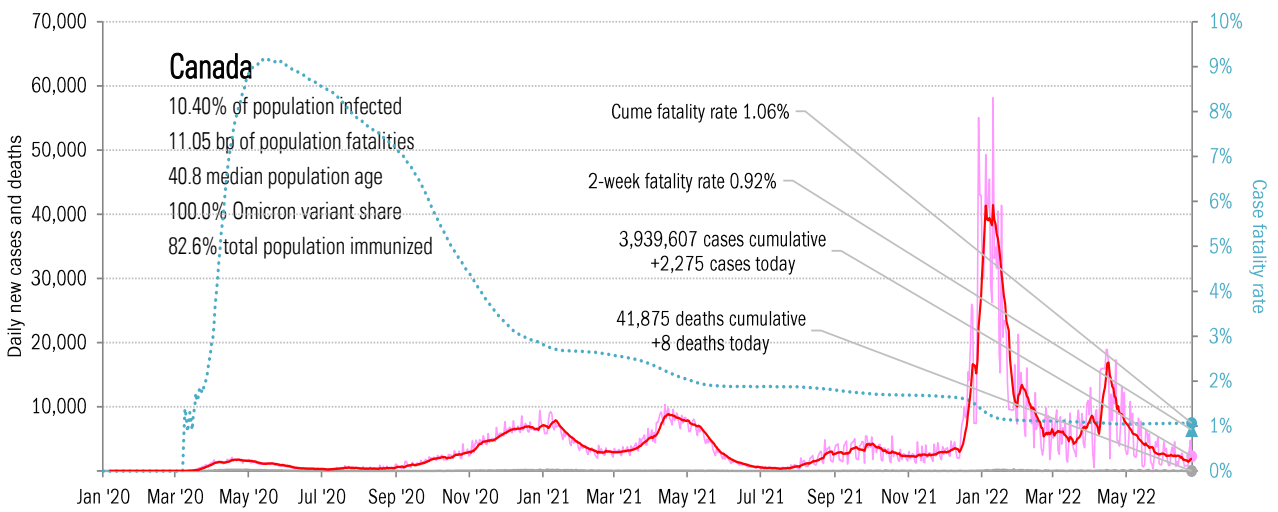
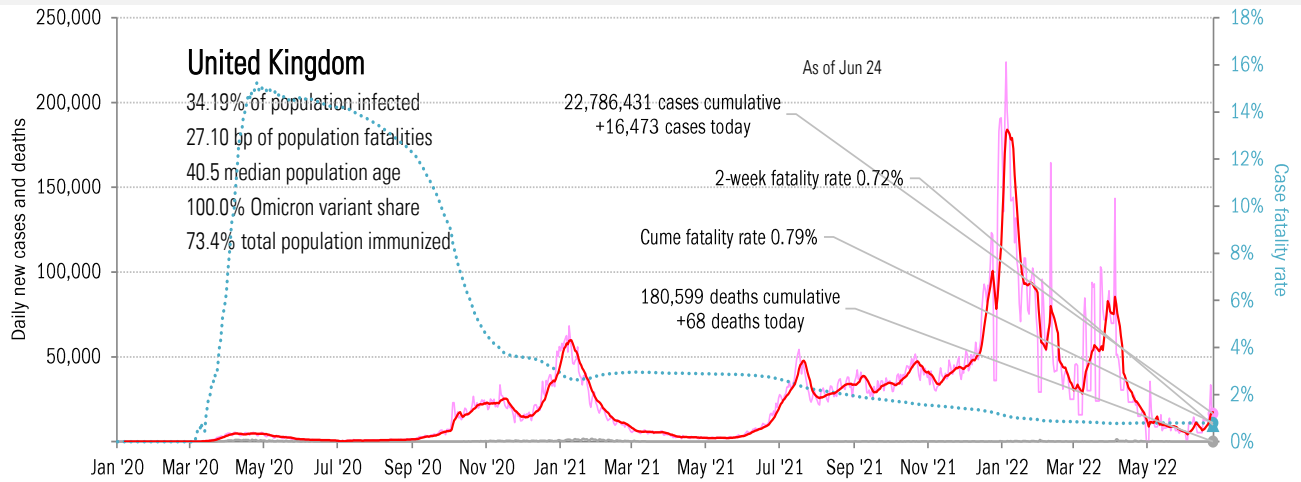
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

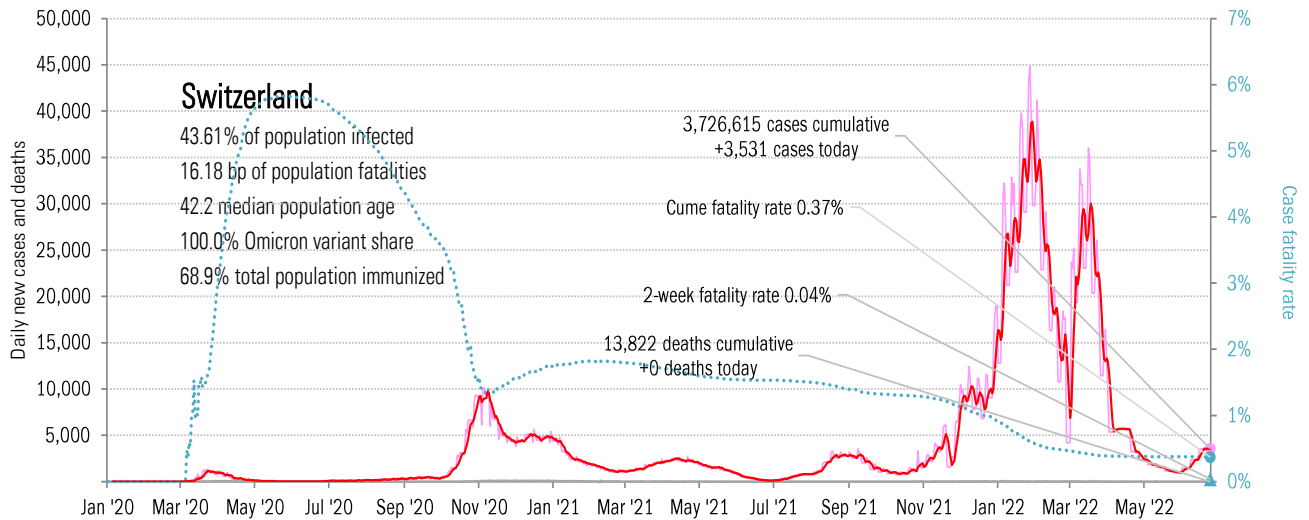
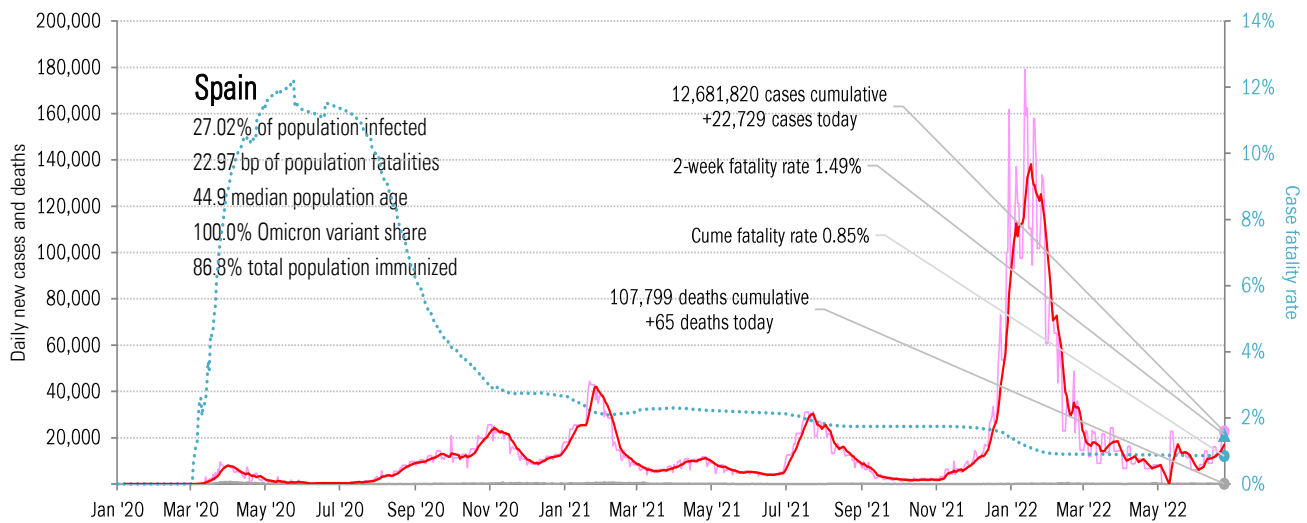
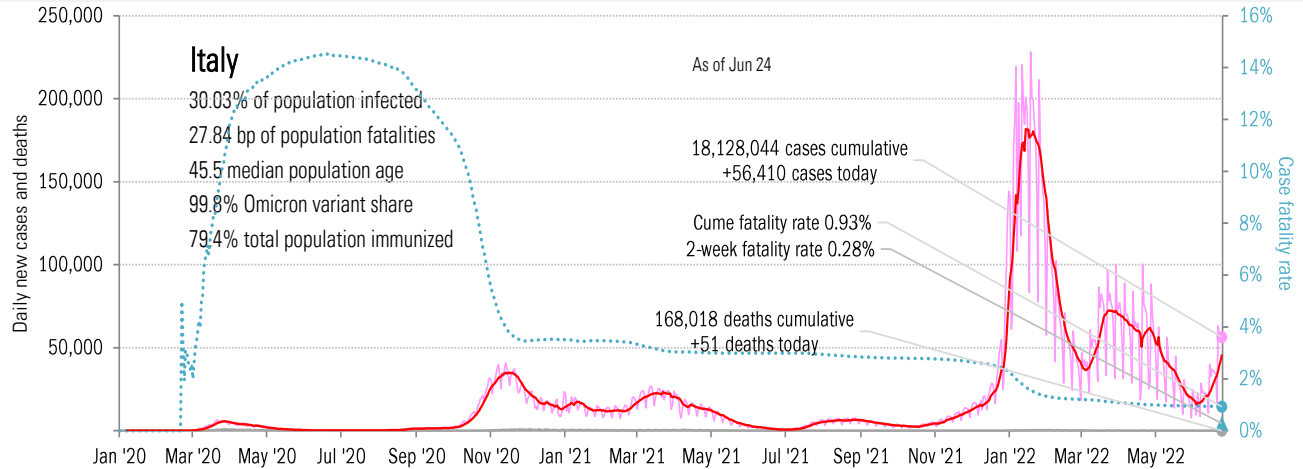
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

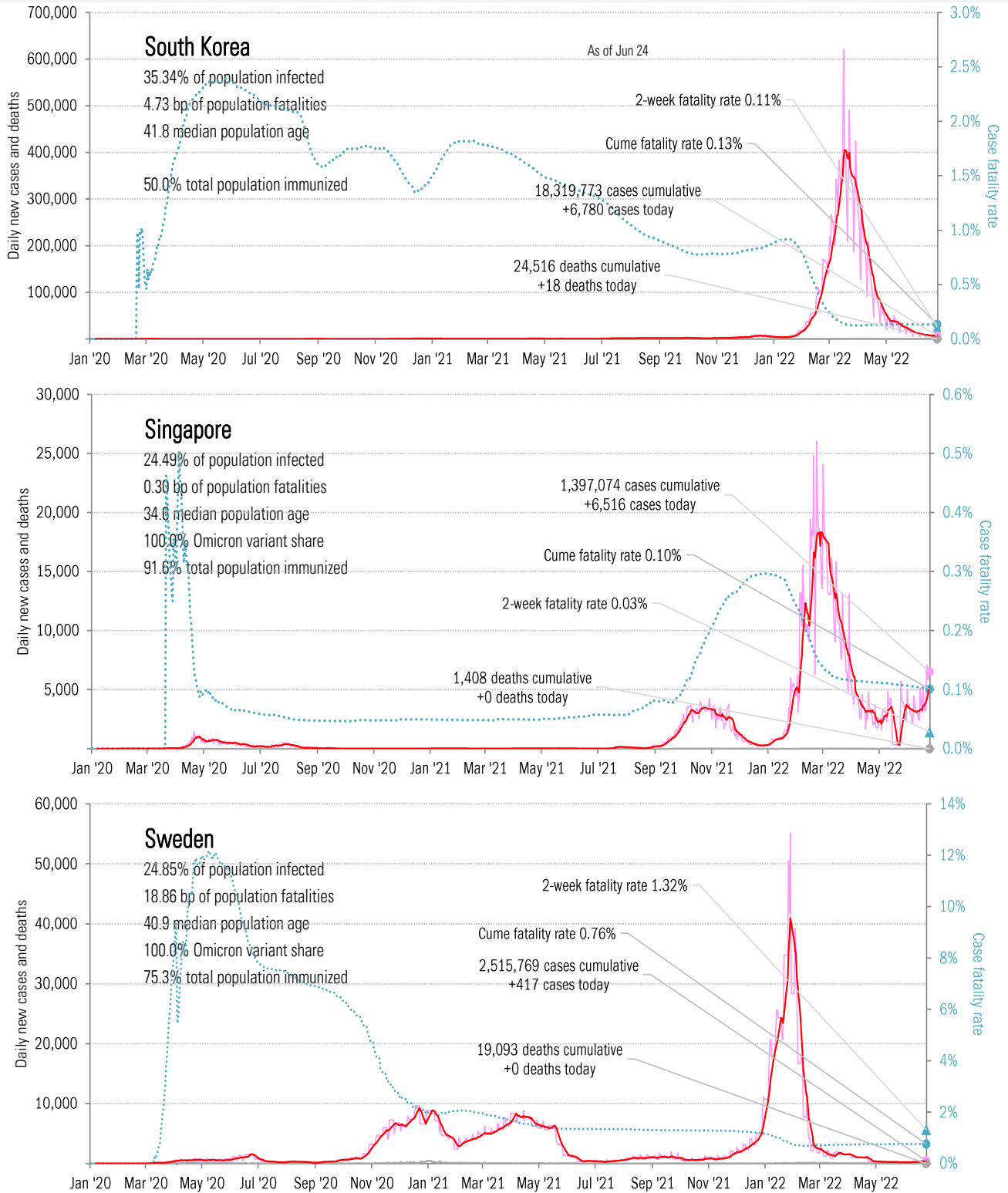
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

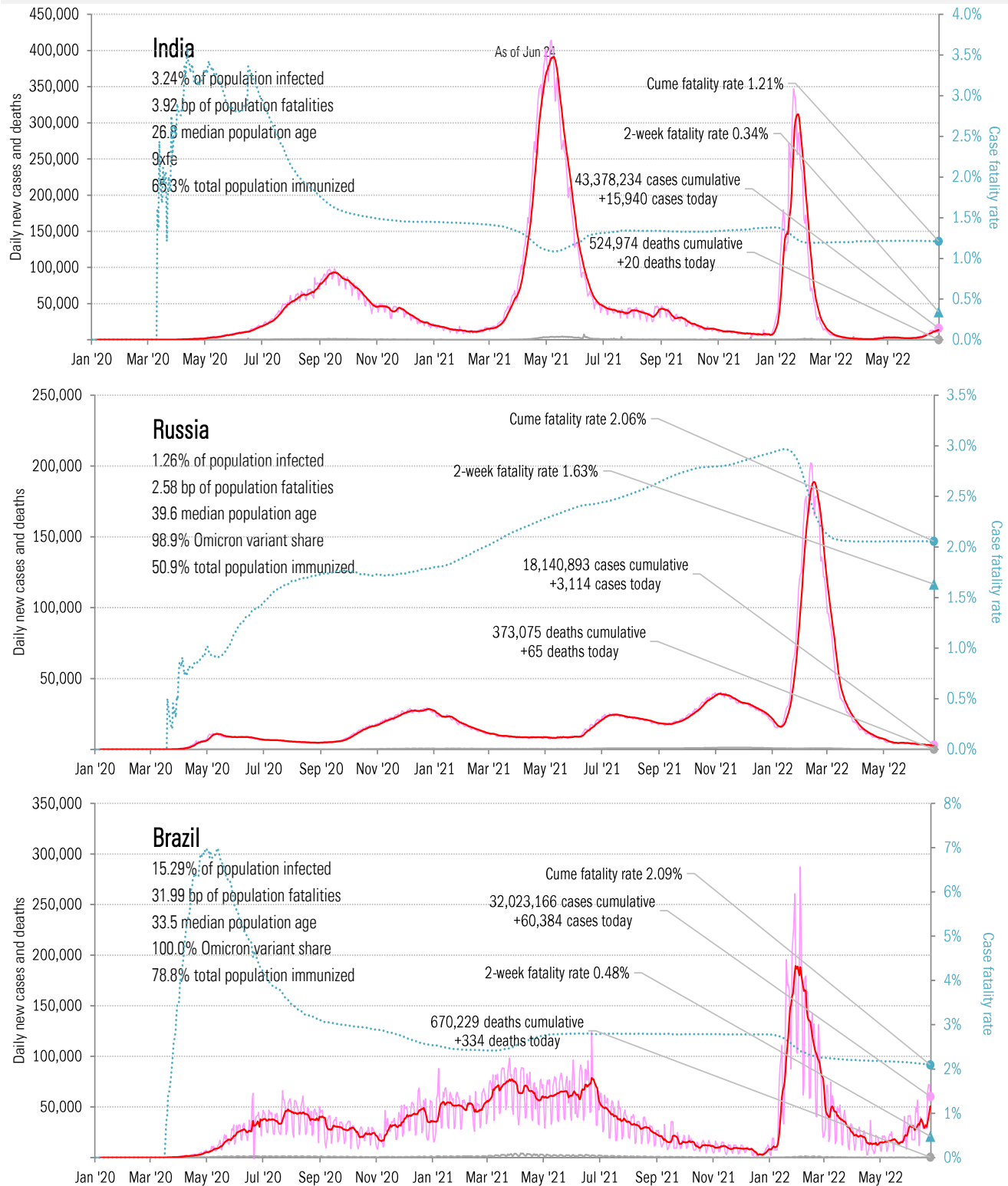
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

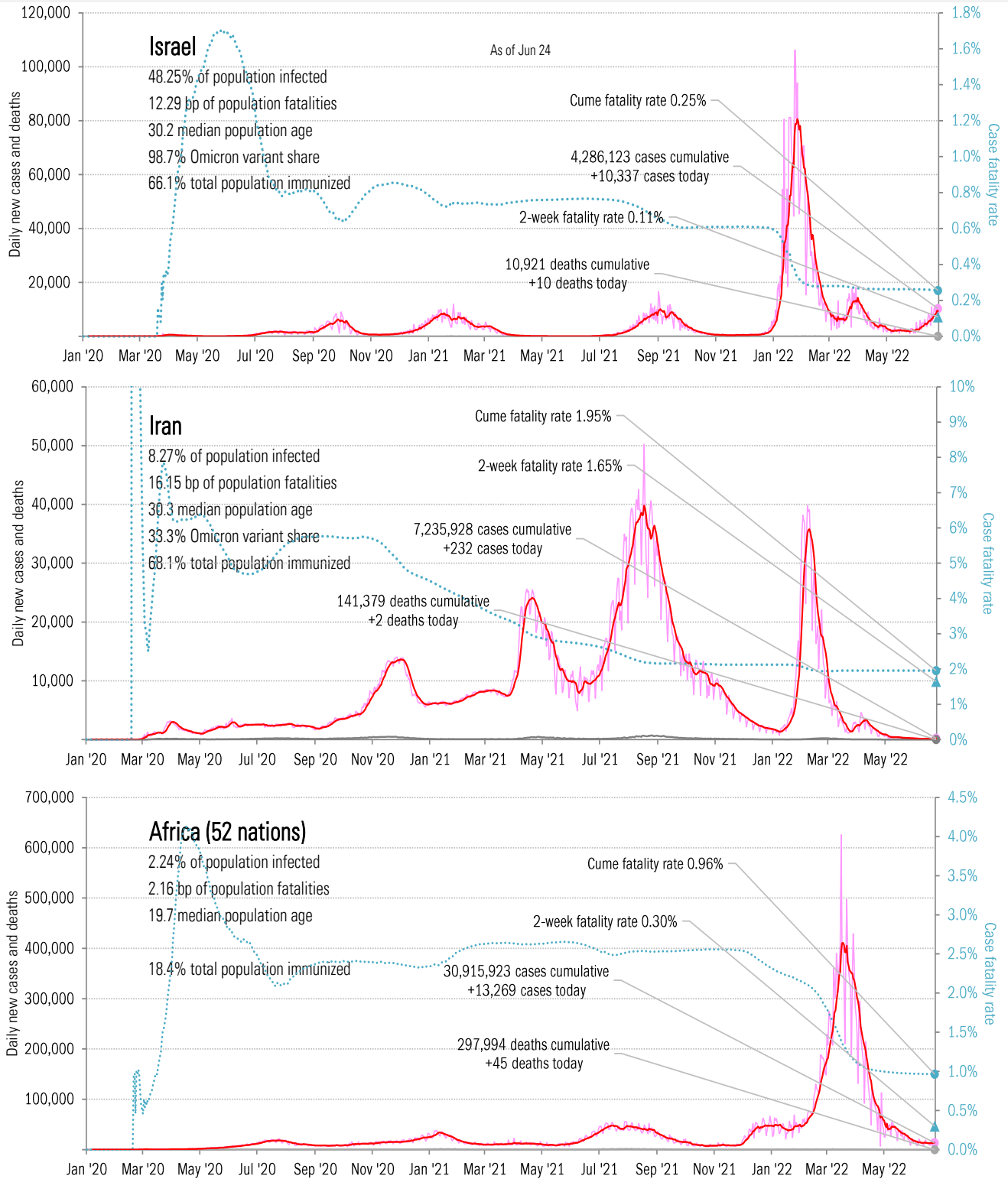
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

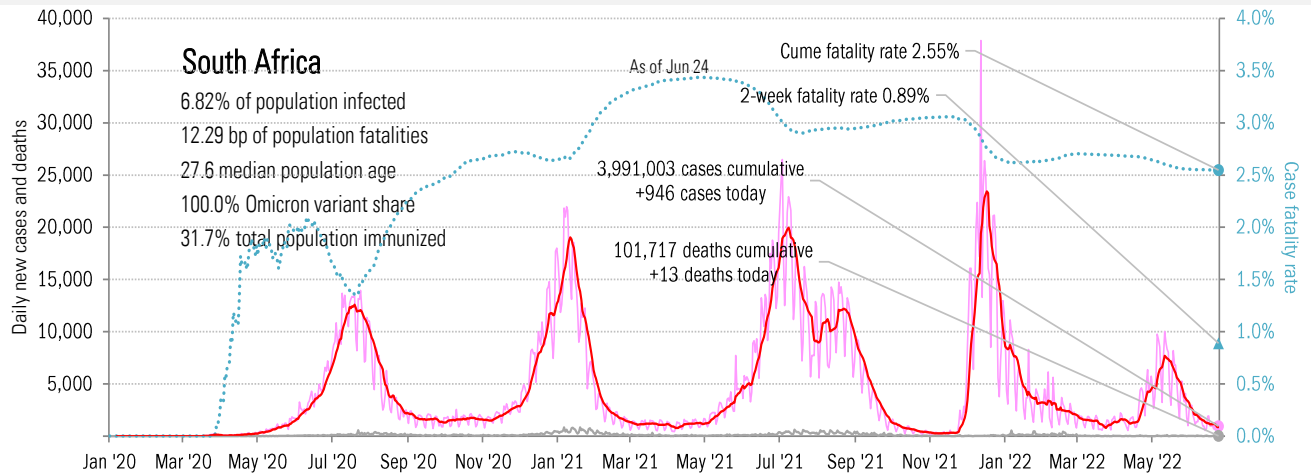
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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