

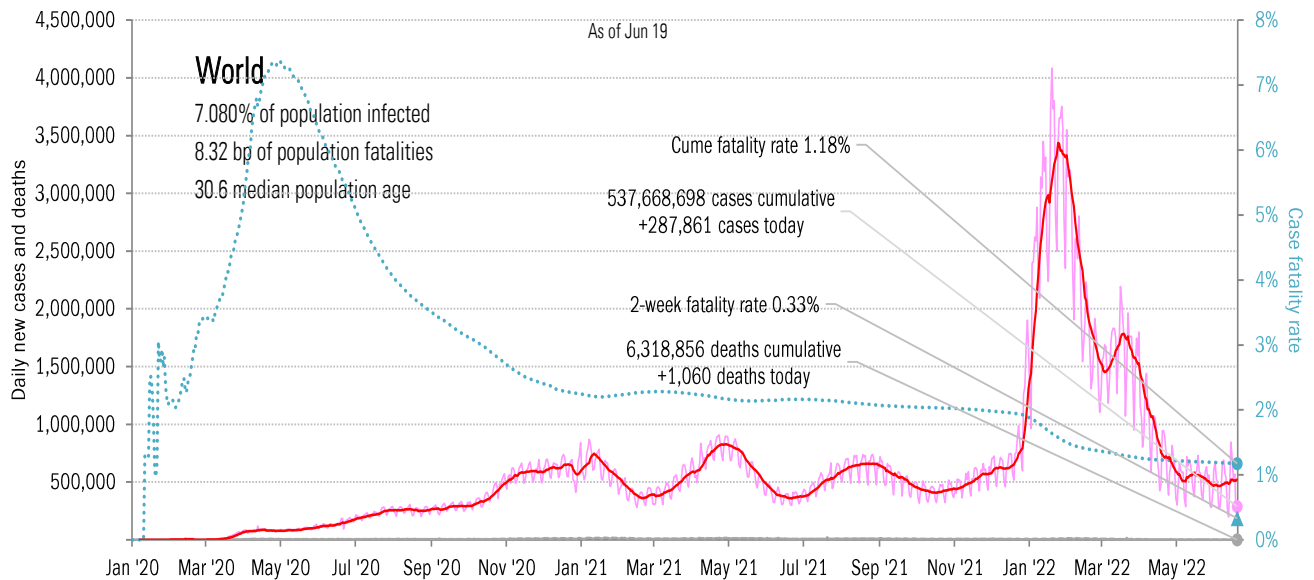
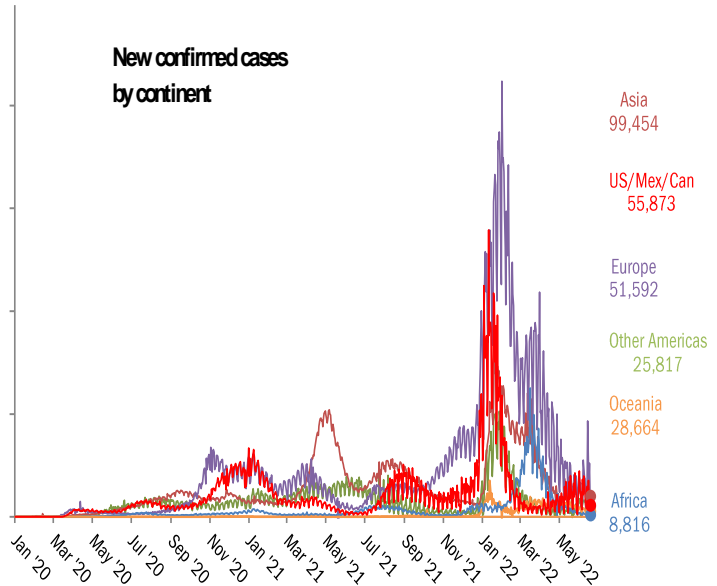
Data Insights: Covid-2019 Monitor

Monday, June 20, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Taiwan*	50,623	United States	534
Italy	34,255	Taiwan*	172
United States	32,764	Mexico	68
Argentina	28,039	Russia	62
Australia	24,418	Chile	25
Mexico	23,109	Argentina	22
Japan	13,141	India	18
India	12,781	Italy	18
Chile	11,301	Thailand	18
Israel	7,514	Australia	15
237,945		952	
World	287,861	World	1,060
Top ten	83%	Top ten	90%



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

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

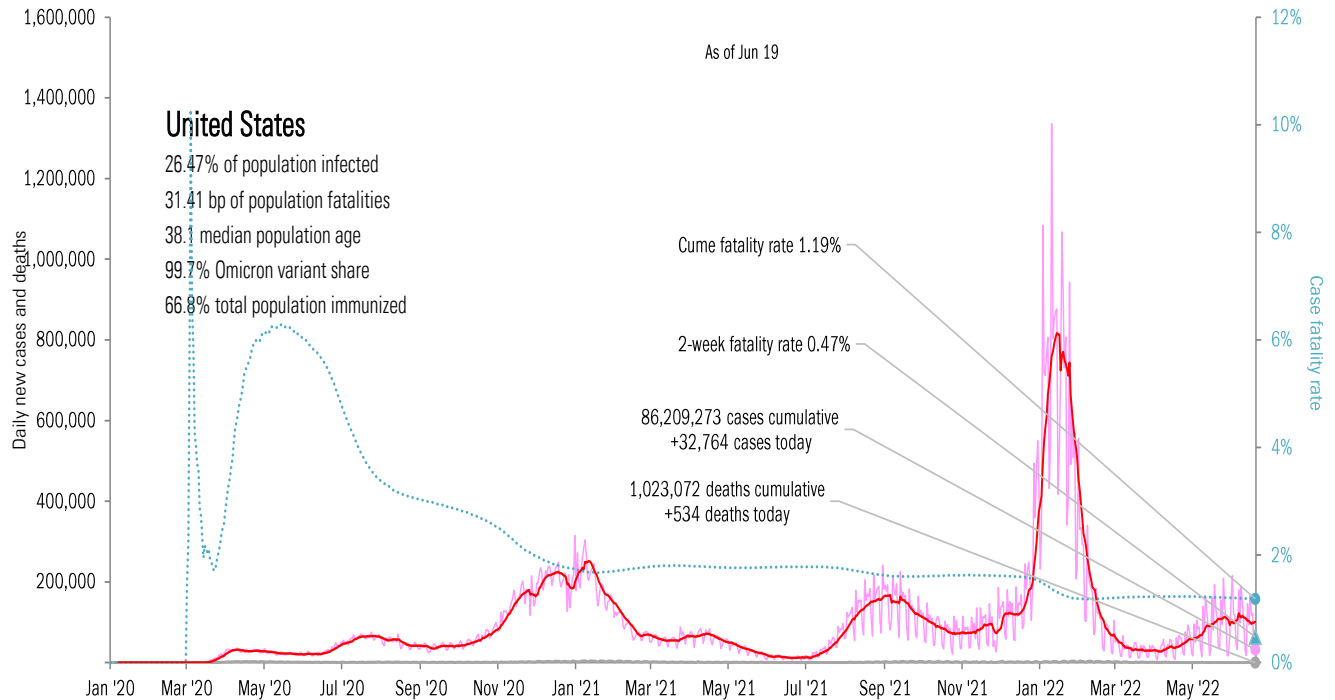
The ten worst US states

New cases			New deaths		New in hospital		Curre cases			Curre deaths			Curre in hospital		Hospital use		ICU use	
FL	15,312		FL	30	TX	358	CA	9,894,792	CA	91,922	TX	499,836	RI	92%	ND	86%		
FR	6,221		NY	13	NY	239	TX	7,073,407	TX	88,553	CA	443,815	MA	87%	WA	85%		
US state case and fatality data distorted today due to weekend delays.						FL	572	FL	6,353,337	FL	75,221	FL	436,363	MN	84%	RI	84%	
						GA	150	NY	5,547,045	NY	69,449	NY	267,909	WA	84%	DE	84%	
						VA	110	IL	3,380,095	PA	45,580	GA	208,349	MO	83%	TX	83%	
						IL	186	PA	2,975,031	CH	38,657	CH	198,205	MD	83%	VT	83%	
AR	575	FR	1	MA	103	NC	2,823,979	IL	38,410	PA	185,258	GA	82%	MA	83%			
AK	0	AK	0	WA	90	CH	2,815,069	GA	38,360	IL	166,496	DE	82%	AK	82%			
AL	0	AL	0	AL	68	GA	2,608,172	MI	36,675	MI	148,884	WV	81%	NH	81%			
AS	0	AS	0	IA	39	MI	2,581,397	NJ	33,929	KY	135,369	NH	81%	AL	80%			
32,764			70		1,915		46,052,324			556,756			2,690,484					
All states	32,764		534		4,353	All states	86,209,273		1,023,072		4,887,717	All states	70%		67%			
Top ten	100%		13%		44%	Top ten	53%		55%		55%	Median	75%		73%			

Some states not reporting

Five most improved US states

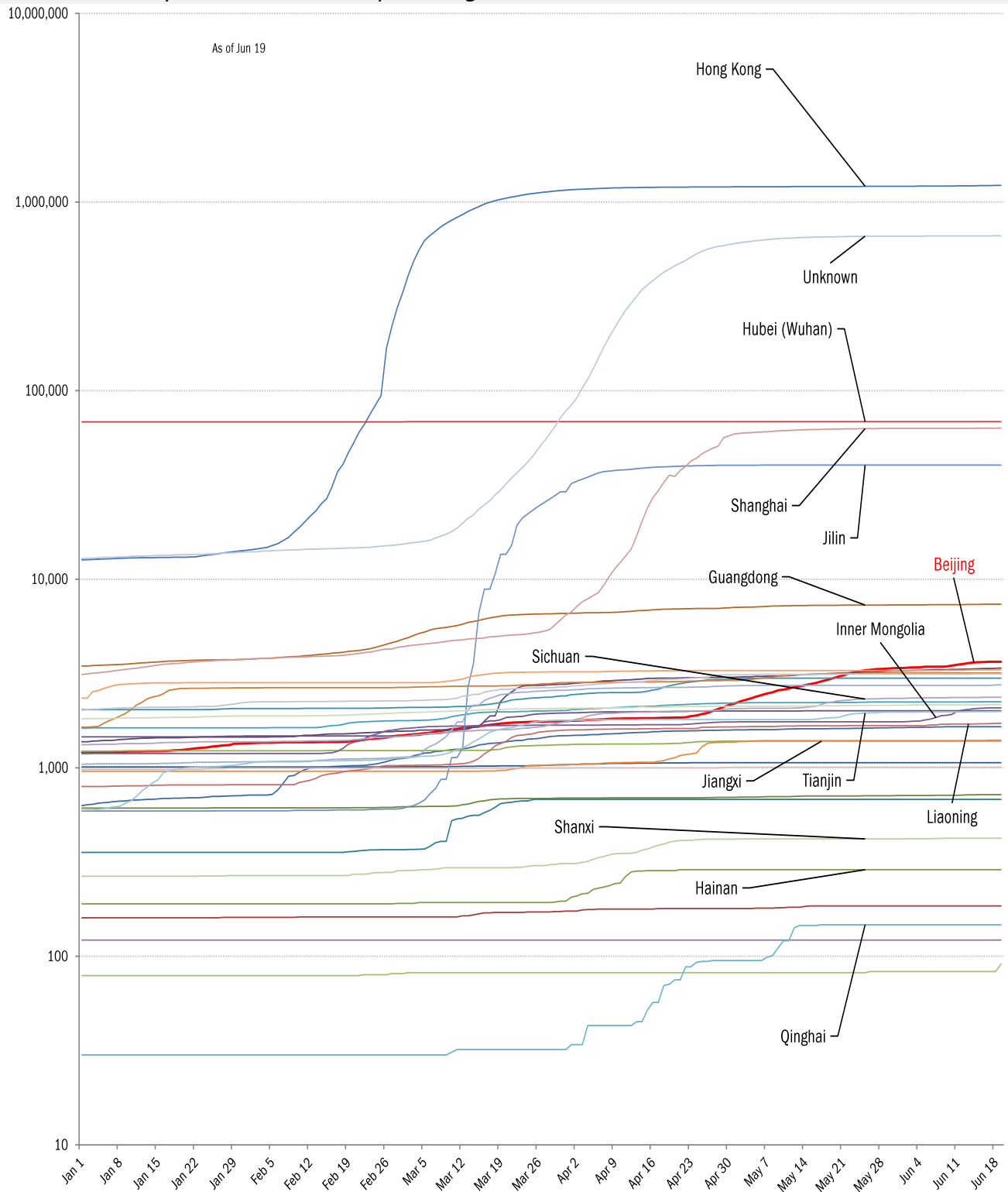
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
TX	-1,629	FL	-65	CO	-44	WY	+10 bp
NY	-490	FR	-9	LA	-31	ID	+10 bp
ME	-307	NJ	-3	NH	-28	MO	+10 bp
NJ	-228	AK	0	CA	-18	NV	+10 bp
AR	-133	AL	0	MI	-16	AZ	+10 bp



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"



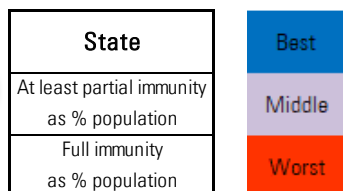
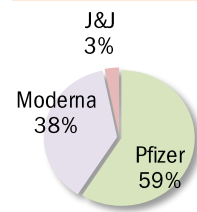
Source: [Johns Hopkins](#), TrendMacro calculations

Rolling out the vaccines in the US and the world

Administered	Cumulative	Today	Immunity	Full	Partial
Doses	607,818,435	+0.292 million	US	66.8%	78.1%
of which boosters	106,058,896	+0.073 million	UK	73.4%	78.5%
	One dose	% Pop	Immune	% pop	New immune today
Total population	267,065,137	80%	228,268,627	68%	+0.041 million
Age 12 to 17	17,865,917	71%	11,311,441	63%	+0.015 million
Age 18 to 64	179,337,039	88%	157,121,213	87%	+0.040 million
Age 65 and over	59,261,185	100%	53,836,973	91%	+0.010 million

The CDC did not update vaccination data today.

France	78.4%	80.7%
Spain	86.7%	88.2%
Germany	76.9%	77.0%
Italy	79.4%	84.1%
Australia	83.9%	86.6%
Israel	66.1%	72.2%
Canada	82.6%	86.1%
Japan	81.1%	82.3%
Africa	18.3%	23.7%
India	64.8%	72.8%
Brazil	78.6%	86.2%
China	87.1%	89.4%

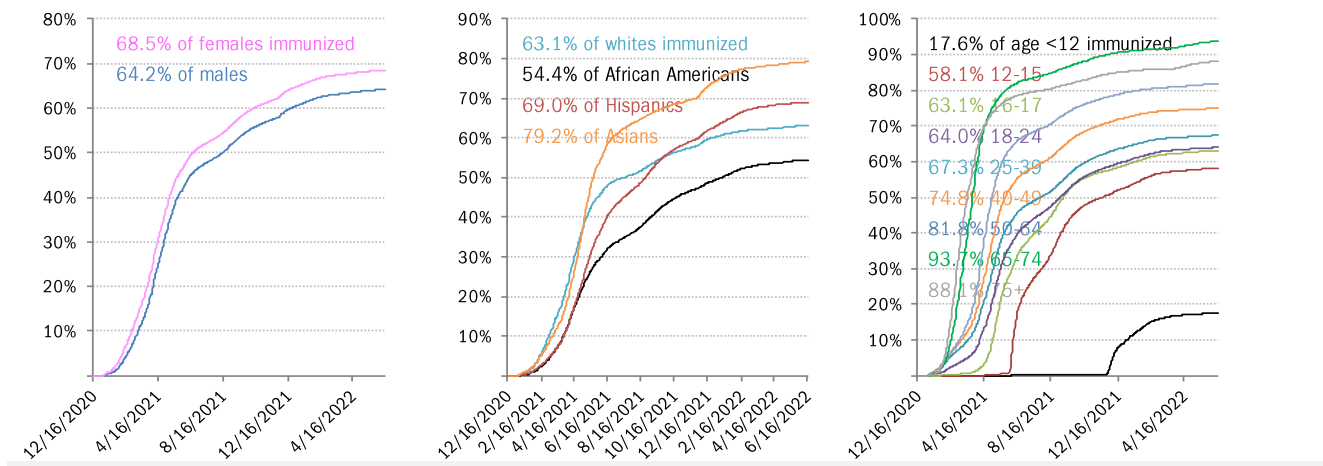


AK
70.2%
62.9%

Immunity = two doses

State										WI	ME
WA	ID	MT	ND	MN	IL	MI	NY	VT	NH	WI	ME
81.4%	62.1%	65.7%	66.0%	75.5%	76.4%	67.4%	90.9%	94.3%	89.2%	72.3%	91.5%
73.1%	55.8%	57.2%	55.9%	69.6%	69.1%	60.6%	77.6%	81.8%	71.3%	66.0%	80.3%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA		
78.4%	75.9%	58.5%	77.5%	68.3%	62.5%	63.6%	85.8%	91.2%	95.0%		
70.1%	61.4%	51.3%	62.4%	62.4%	56.3%	58.7%	69.4%	76.3%	79.8%		
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI	
82.7%	72.5%	79.9%	70.7%	66.6%	66.6%	65.4%	86.4%	87.2%	95.0%	95.0%	
72.8%	64.6%	70.8%	64.0%	56.6%	57.8%	58.0%	73.9%	76.3%	80.0%	83.6%	
	AZ	NM	KS	AR	TN	NC	SC	DC	DE		
	74.0%	88.7%	72.9%	67.3%	62.6%	85.5%	68.2%	95.0%	83.9%		
	62.3%	71.8%	62.5%	54.9%	54.9%	62.3%	57.5%	75.9%	69.9%		
			OK	LA	MS	AL	GA				
			71.7%	61.4%	60.0%	63.1%	65.9%				
			57.8%	53.8%	52.2%	51.5%	55.3%				
			TX								
			74.1%								
			62.1%								
								FL			
								80.0%			
								67.5%			
									PR		
									95.0%		
									83.5%		

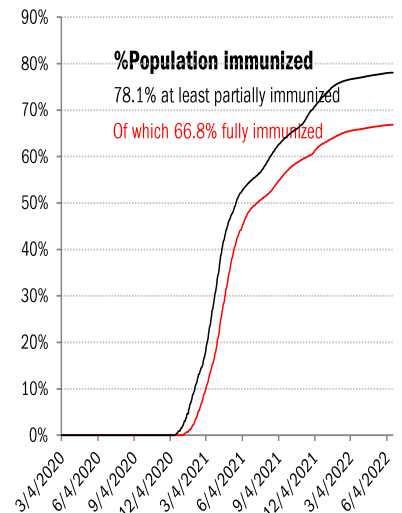
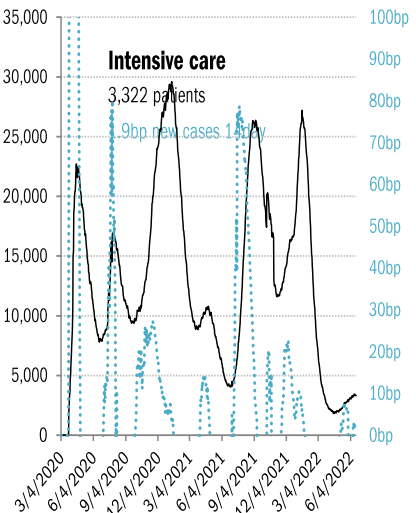
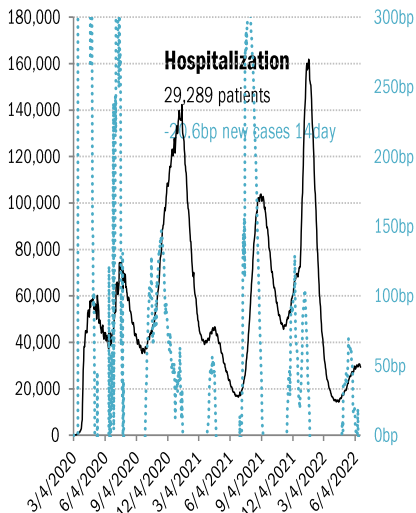
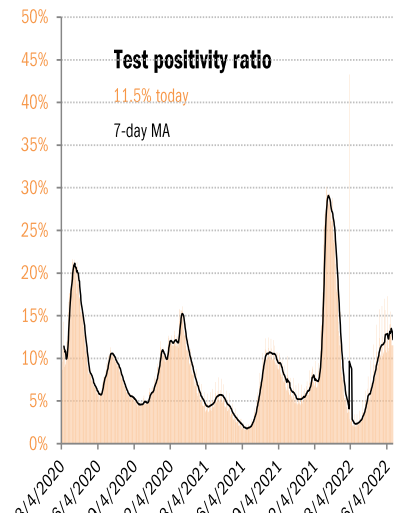
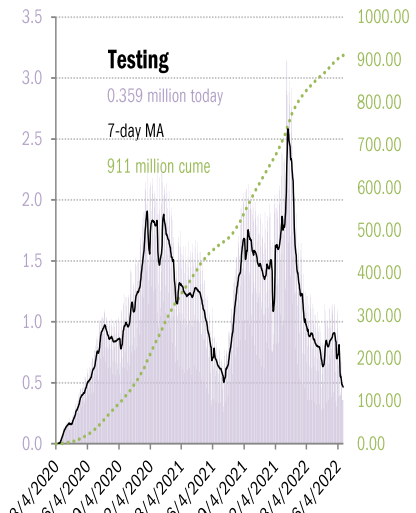
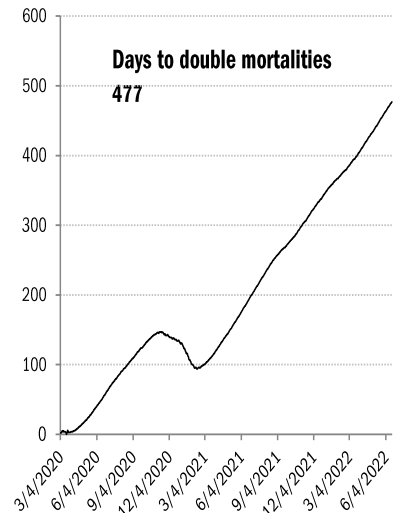
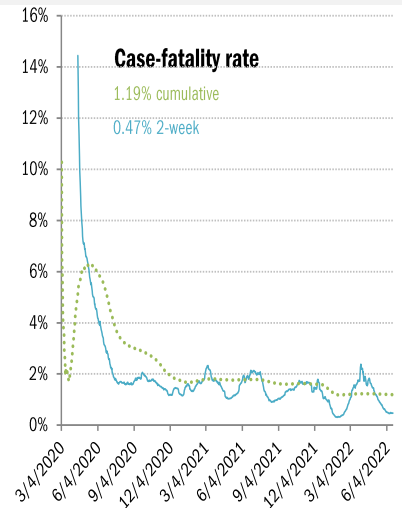
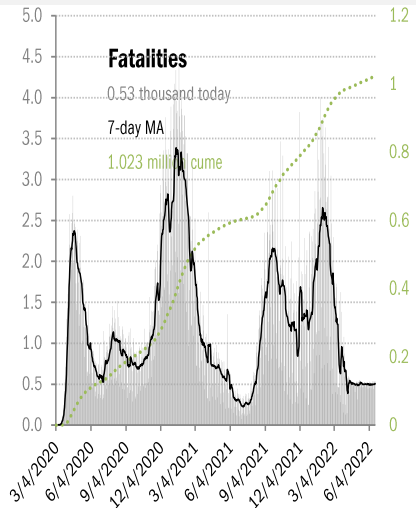
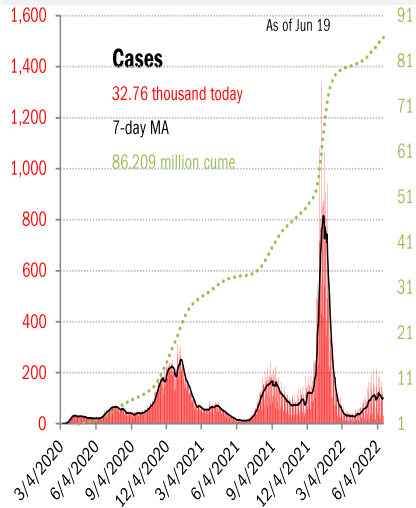
The demographics of US vaccination



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

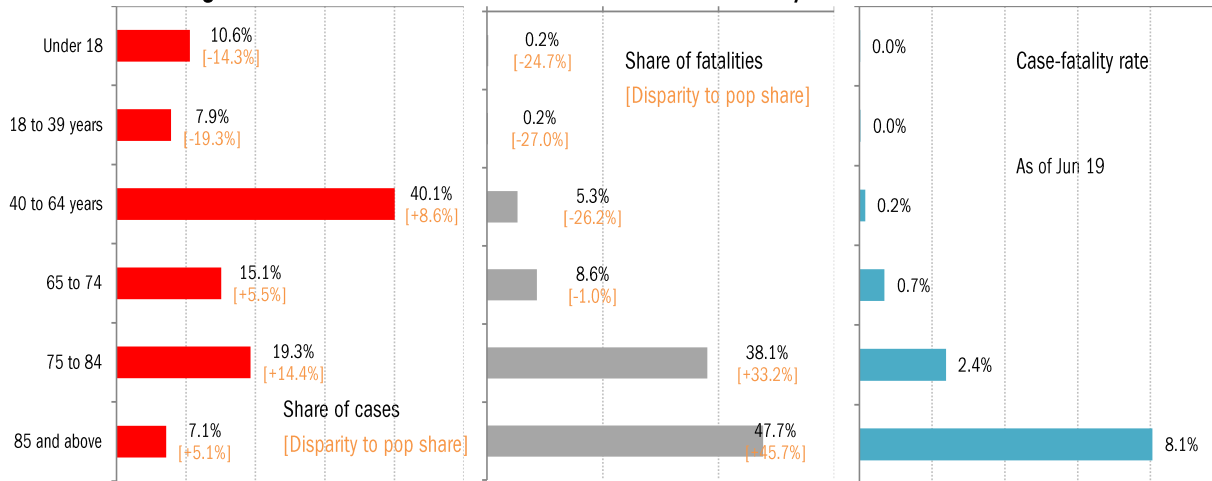
US deep-dive

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

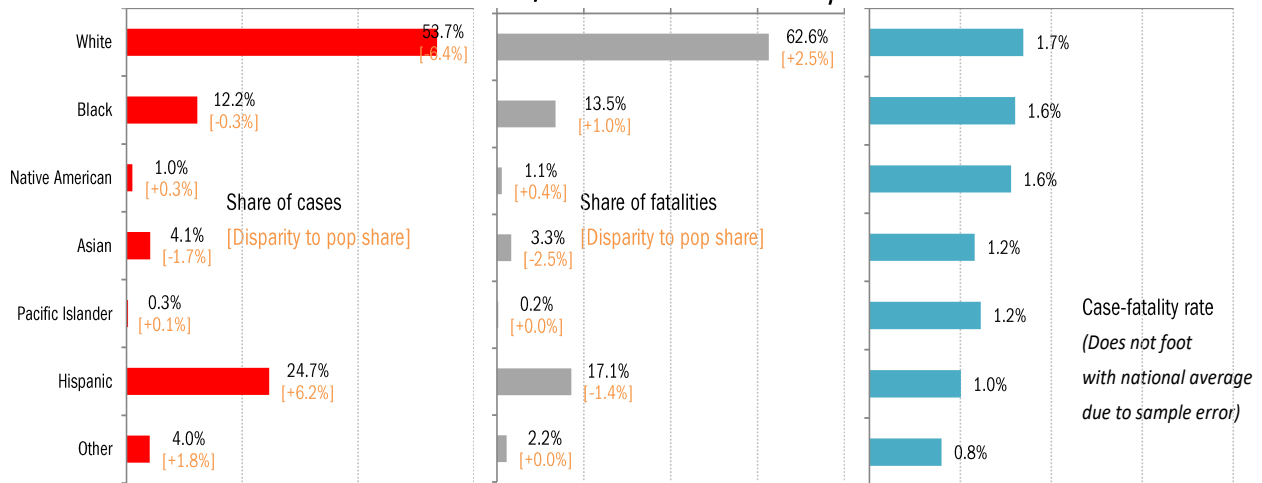


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

Age distribution of US cases, fatalities and case-fatality rates

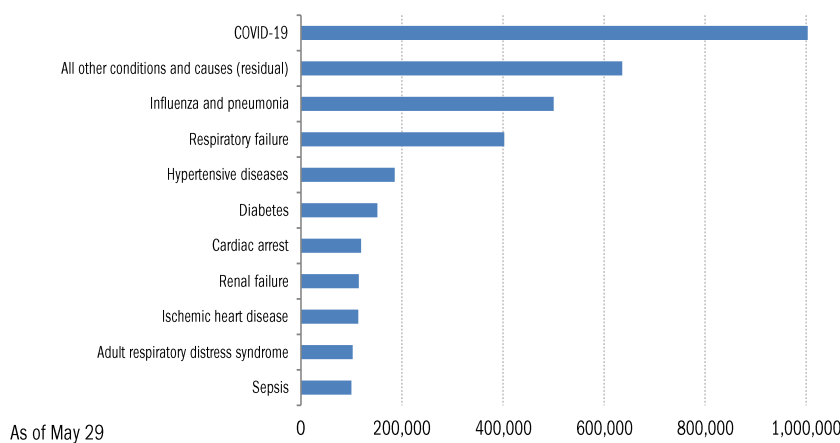


Racial distribution of US cases, fatalities and case-fatality rates



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



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

[North Korea reports 'epidemic' of unidentified intestinal disease after Covid wave](#)

Reuters

June 18, 2022

[Shanghai's Weekend Covid Testing Blitz Shows Cases Contained](#)

Bloomberg

June 19, 2022

[COVID hospitalizations continue to move LA County closer to indoor mask mandate](#)

CBS News

June 19, 2022

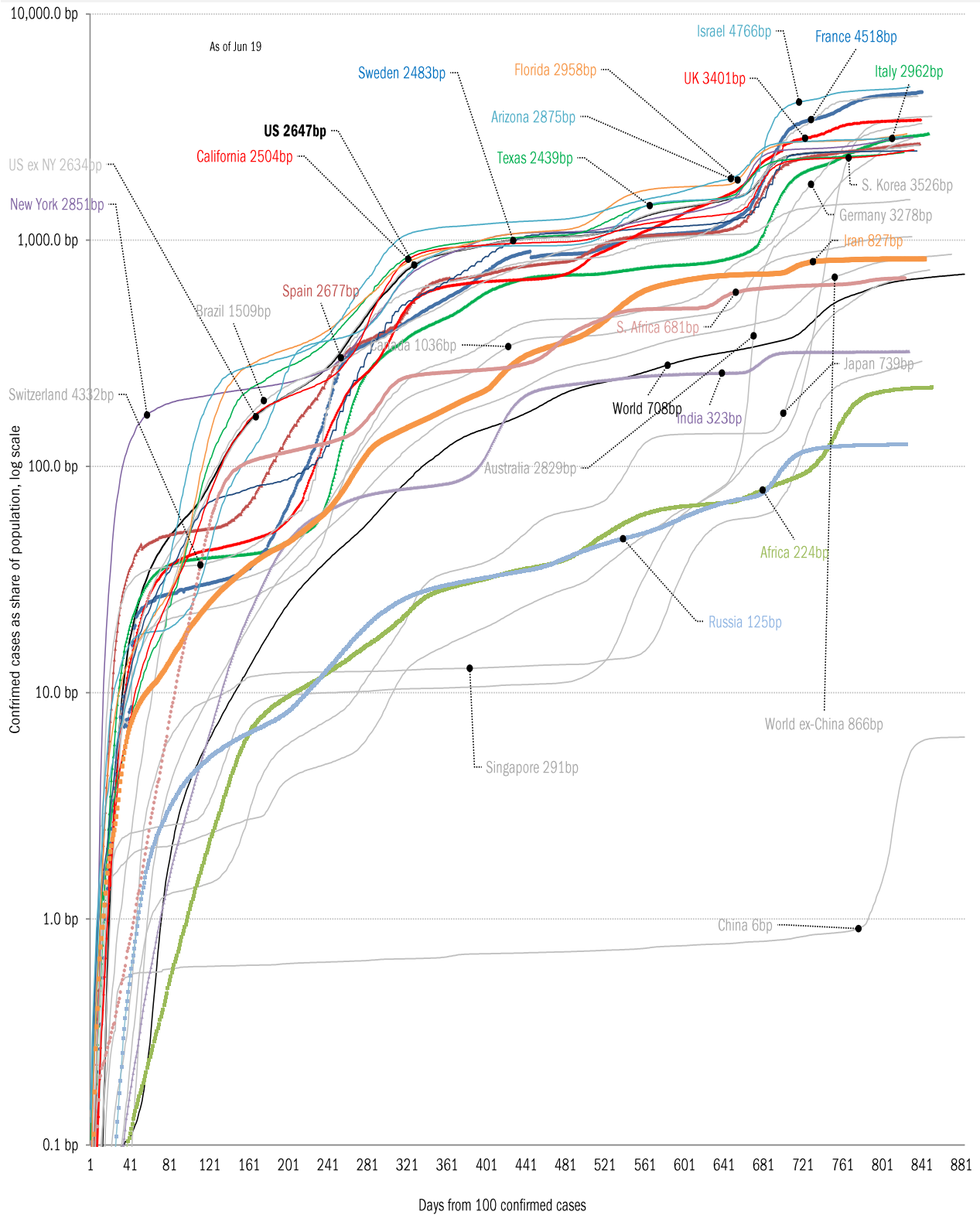
Meme of the day

Get ready everyone 🤩



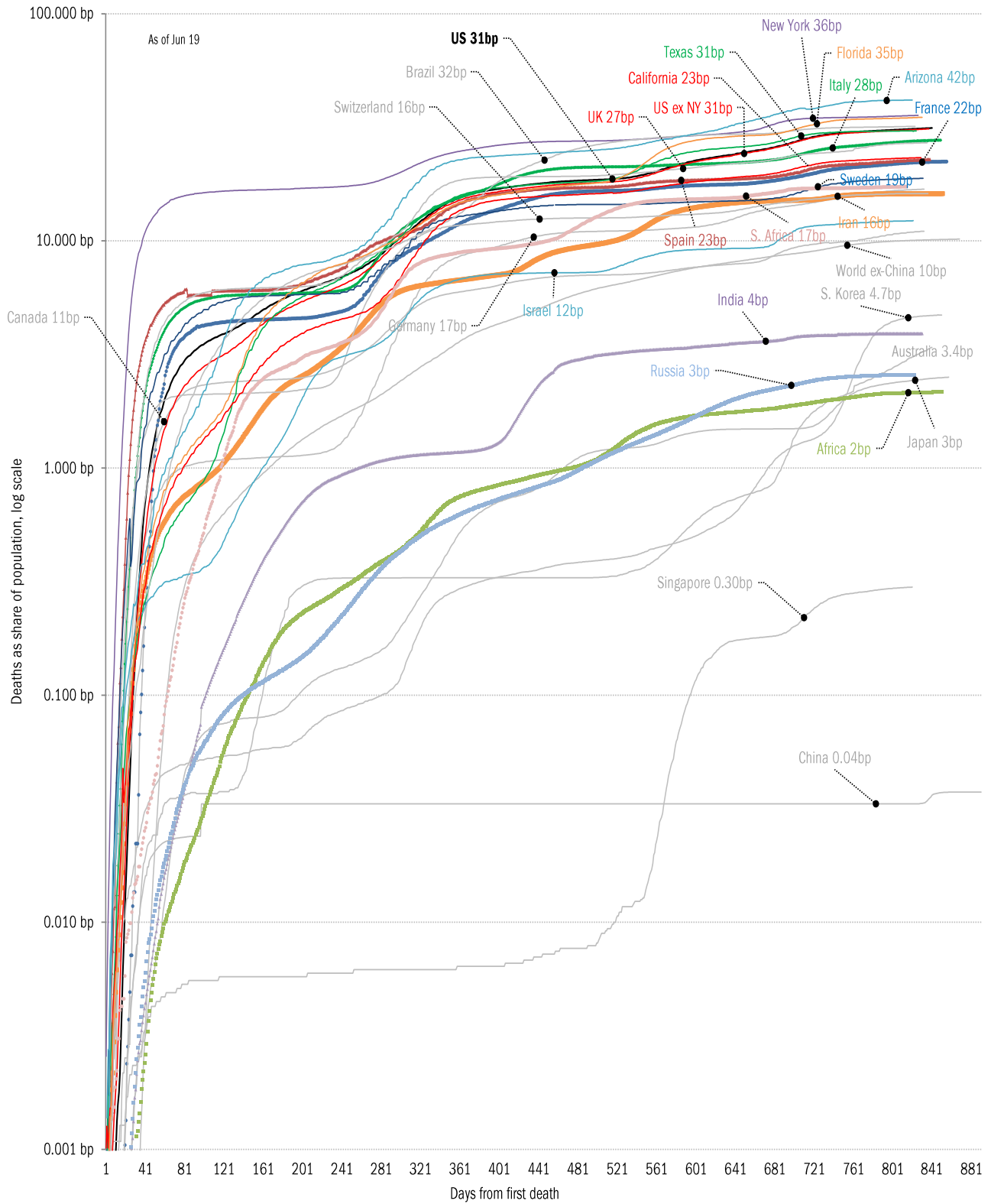
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

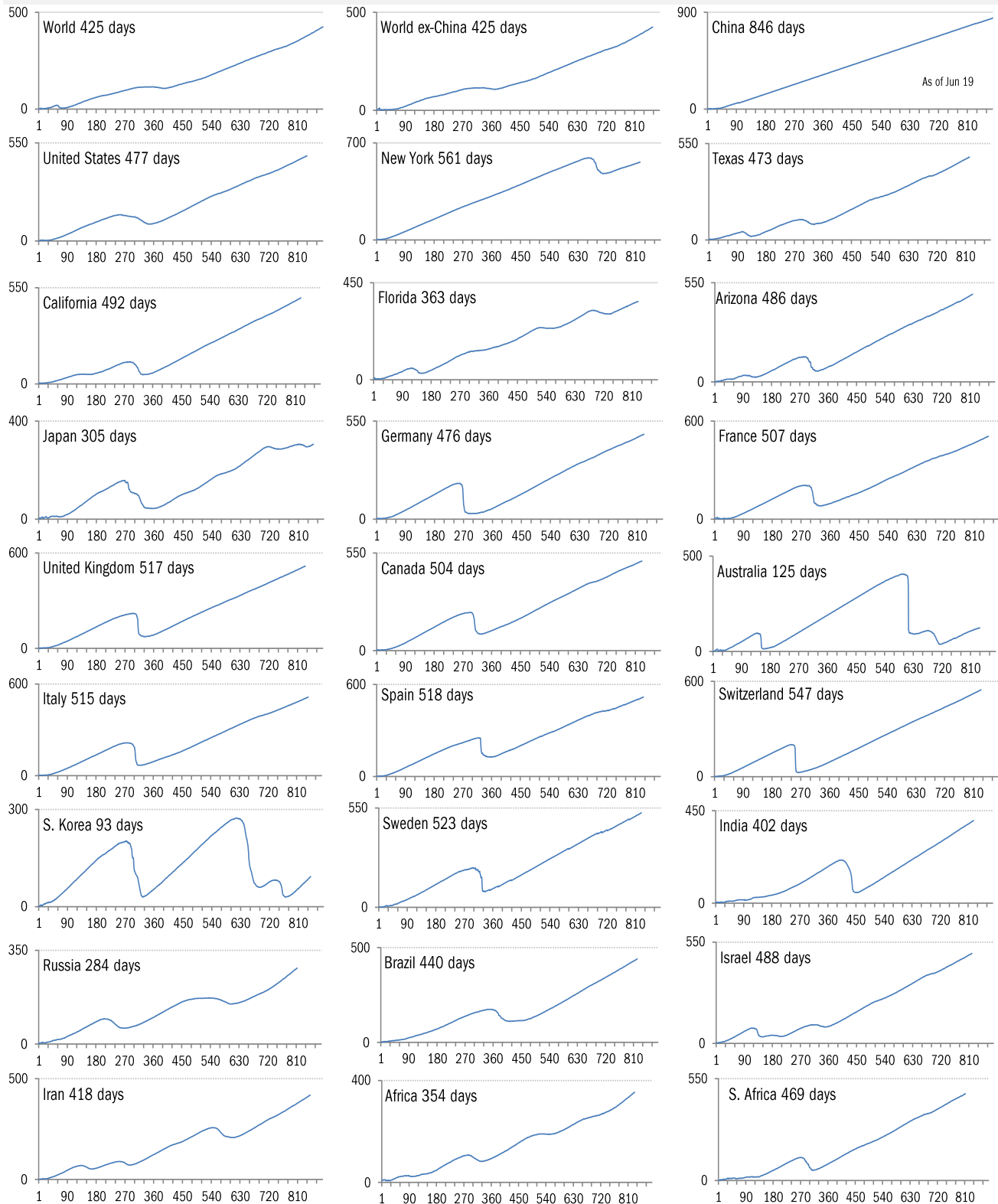


Source: [Johns Hopkins](#), TrendMacro calculations

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

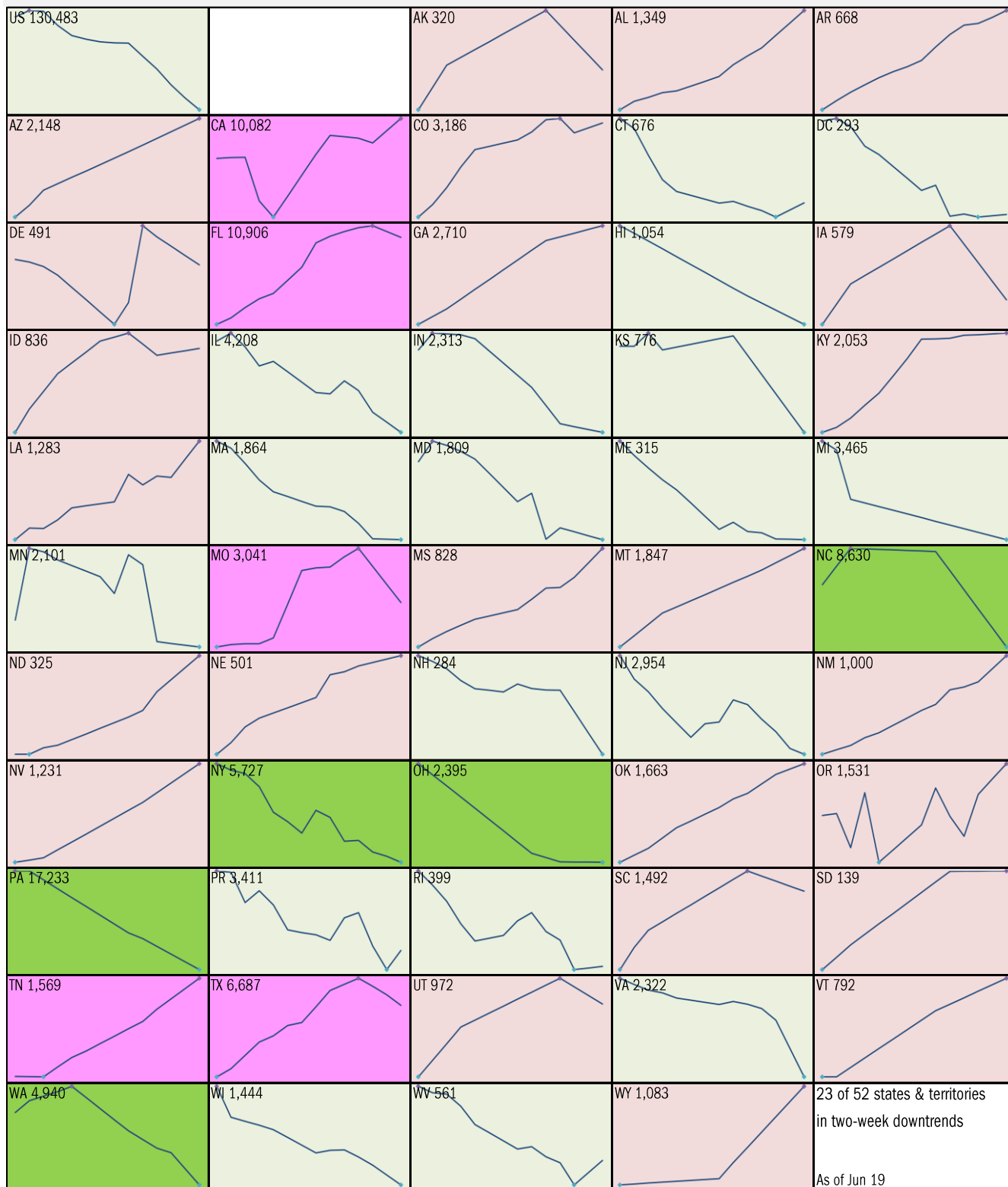


Source: [Johns Hopkins](#), TrendMacro calculations

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

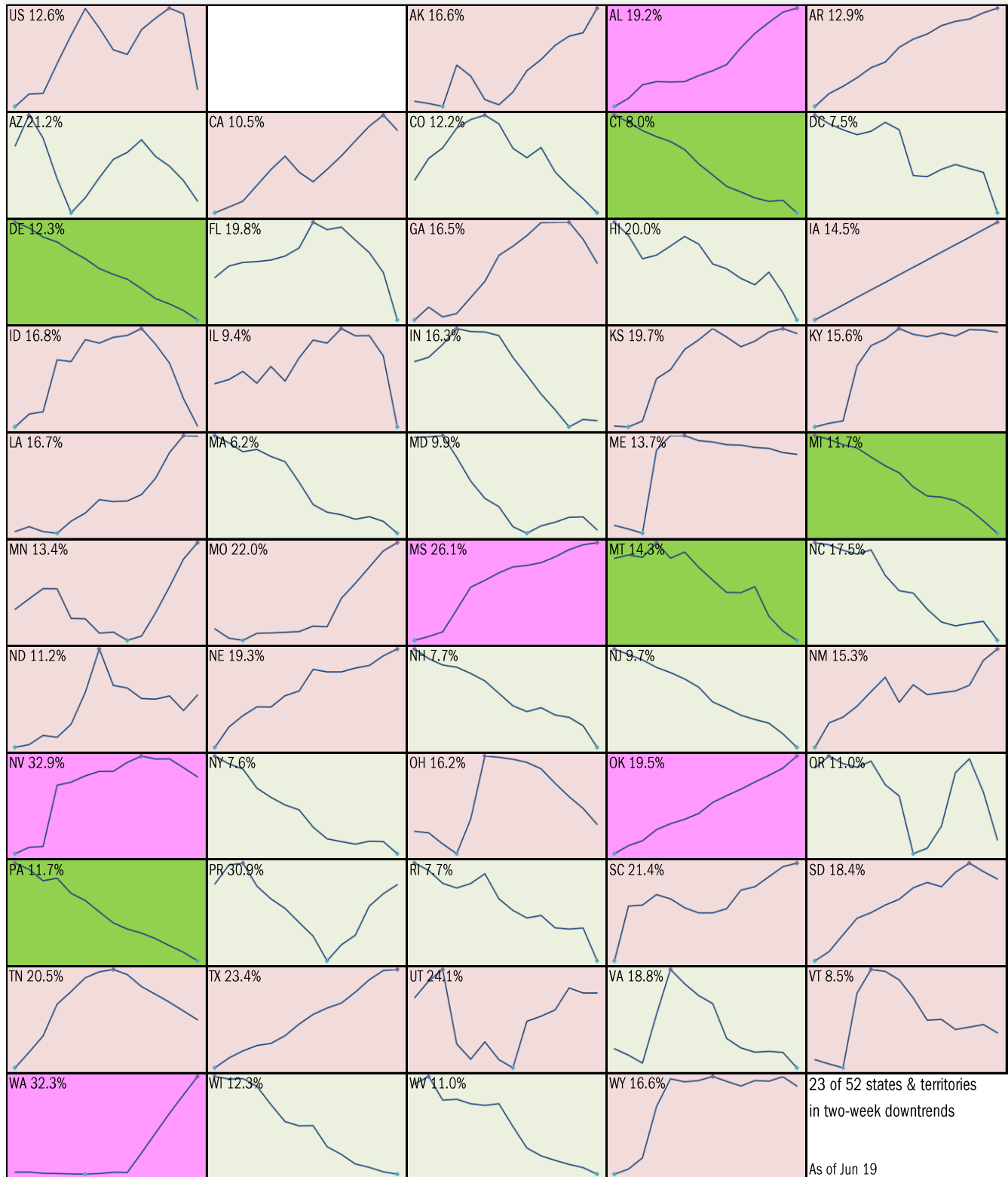


Source: [Johns Hopkins](#), TrendMacro calculations

14-day trajectory in test-positivity ratio

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

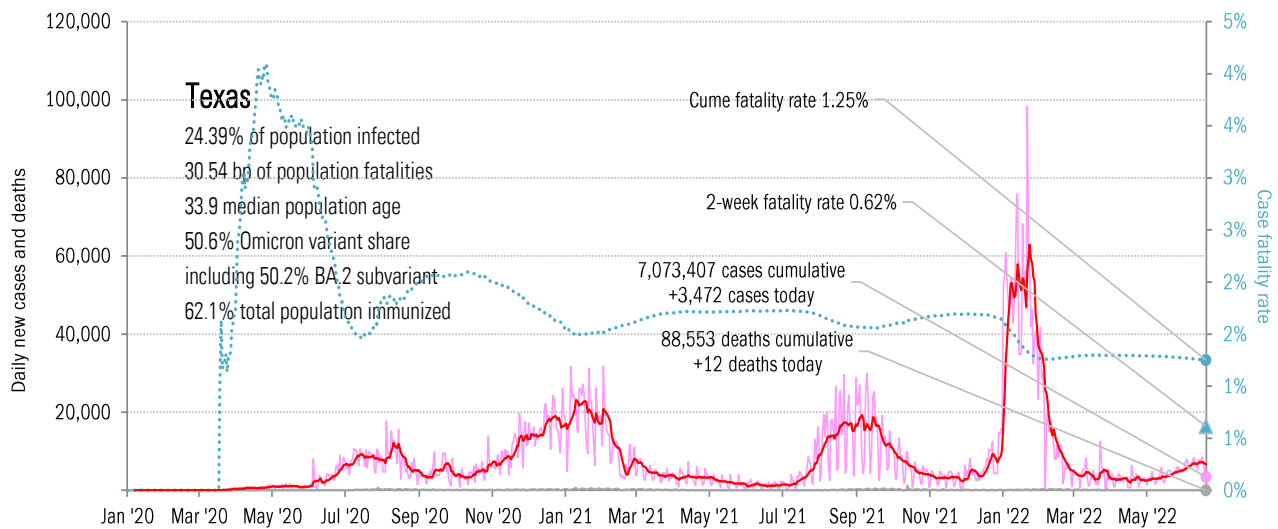
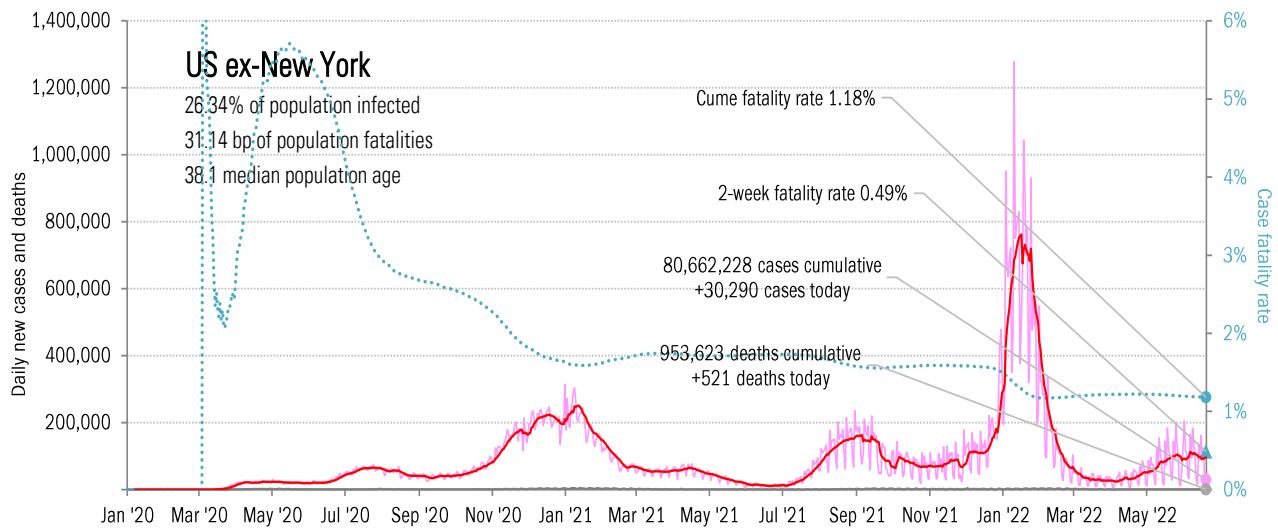
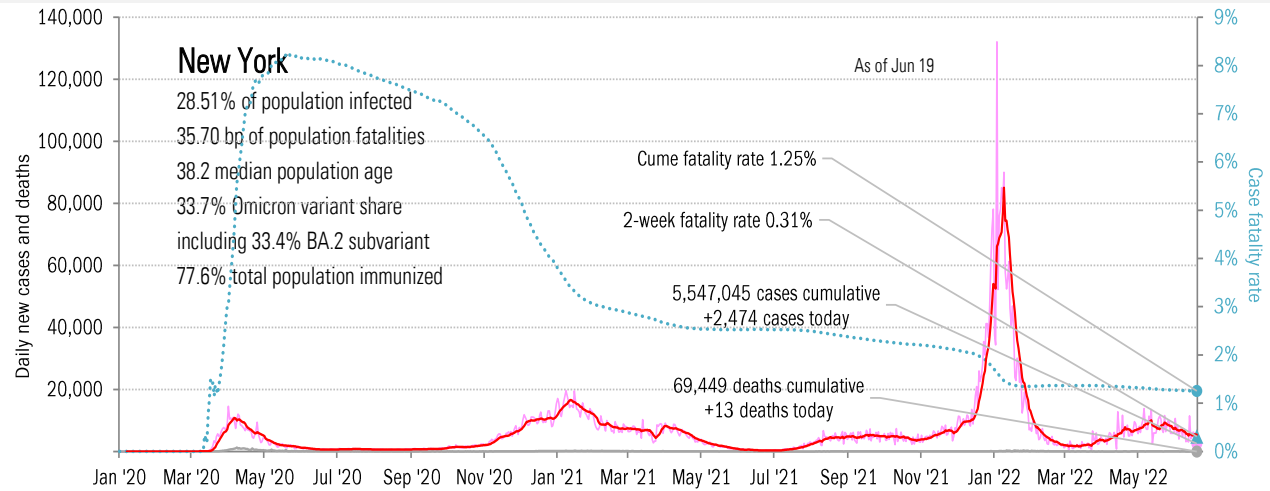
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

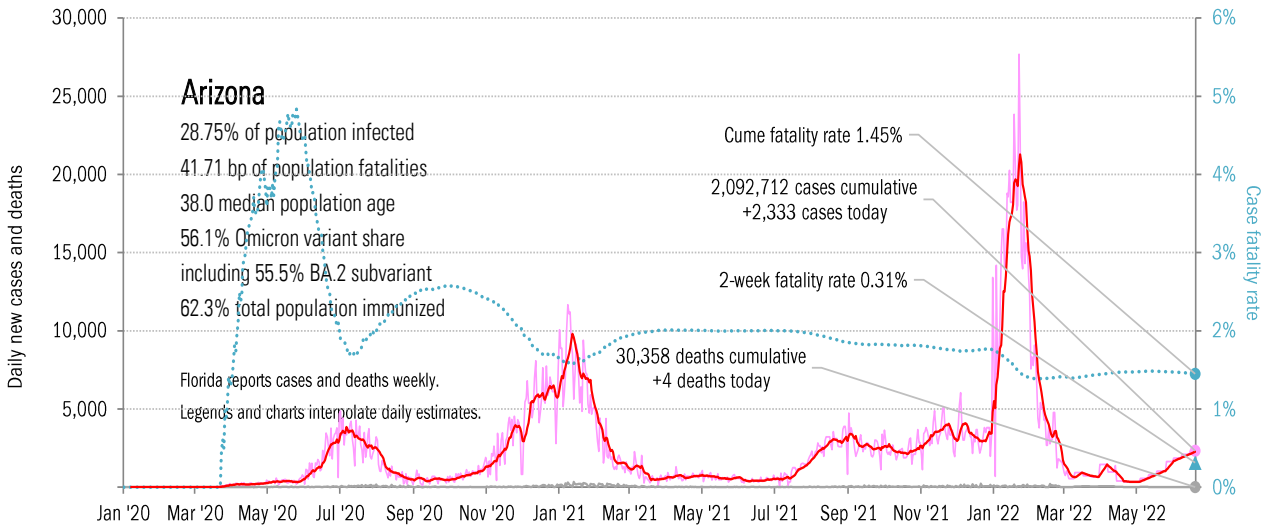
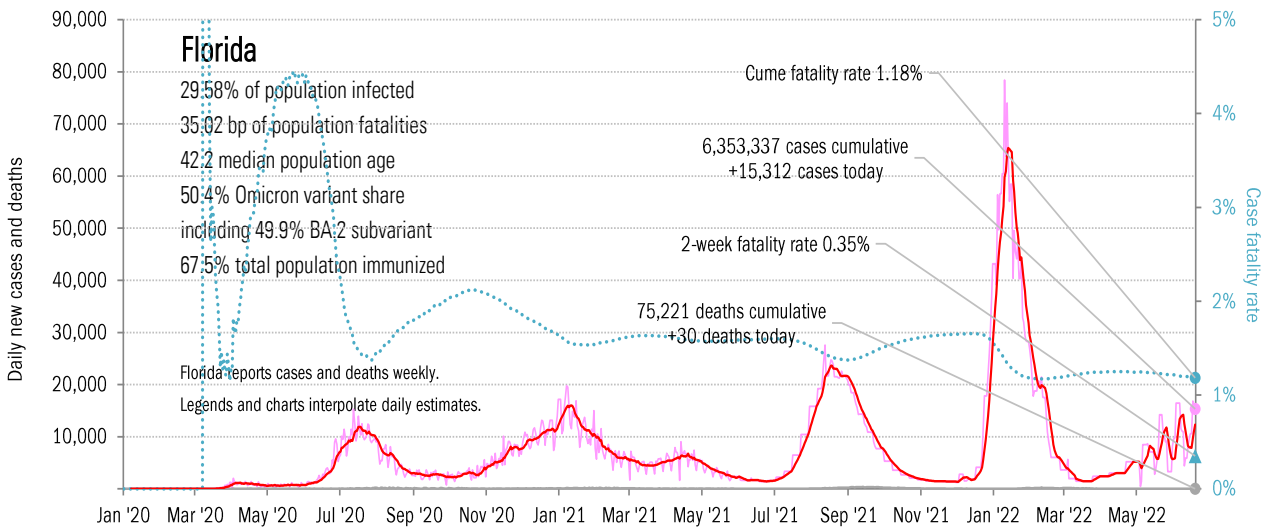
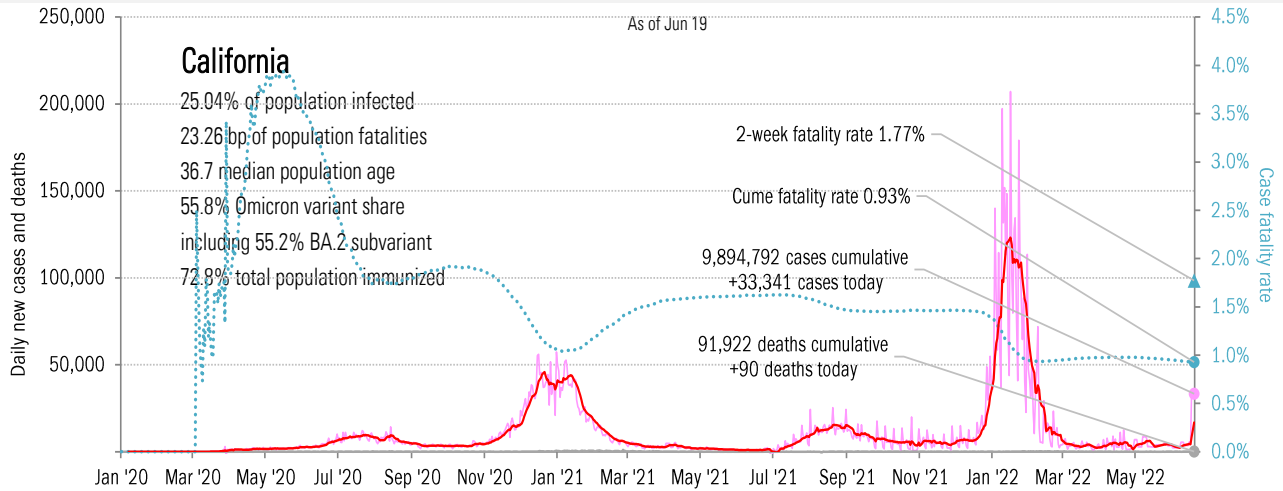
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

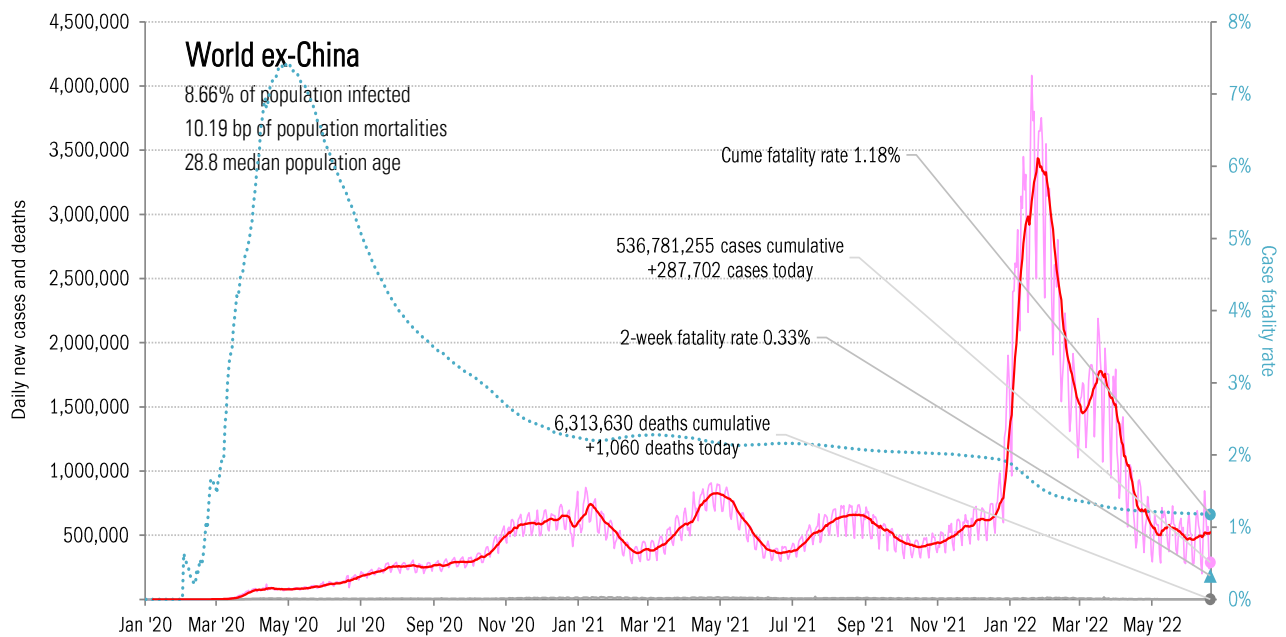
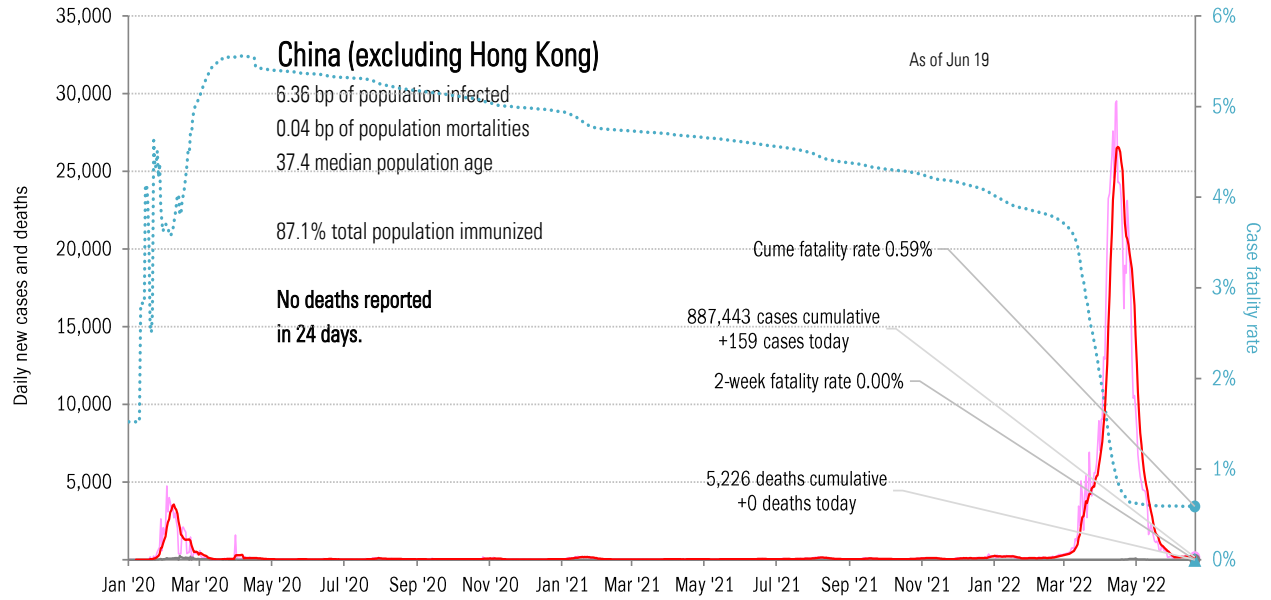
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

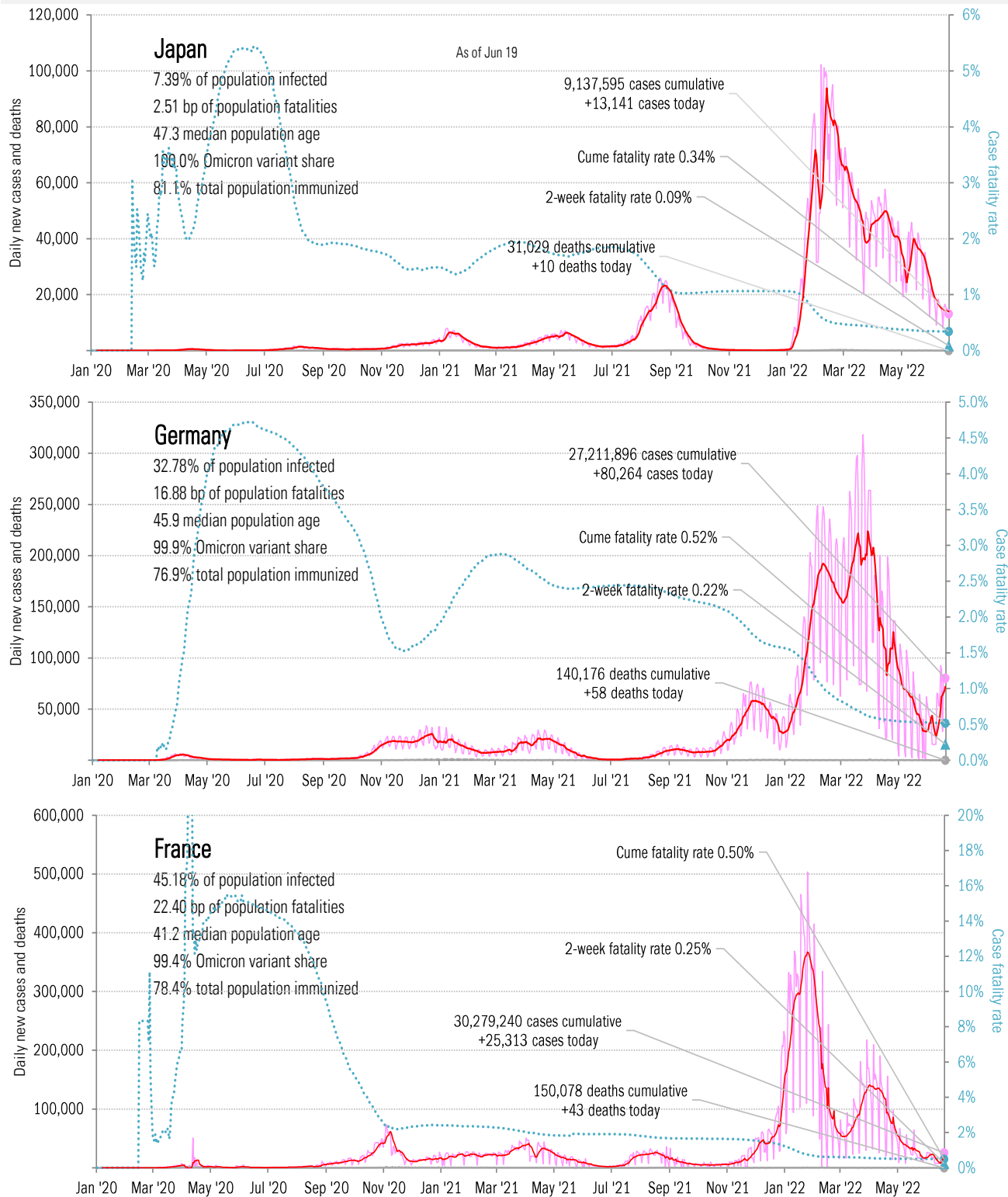
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

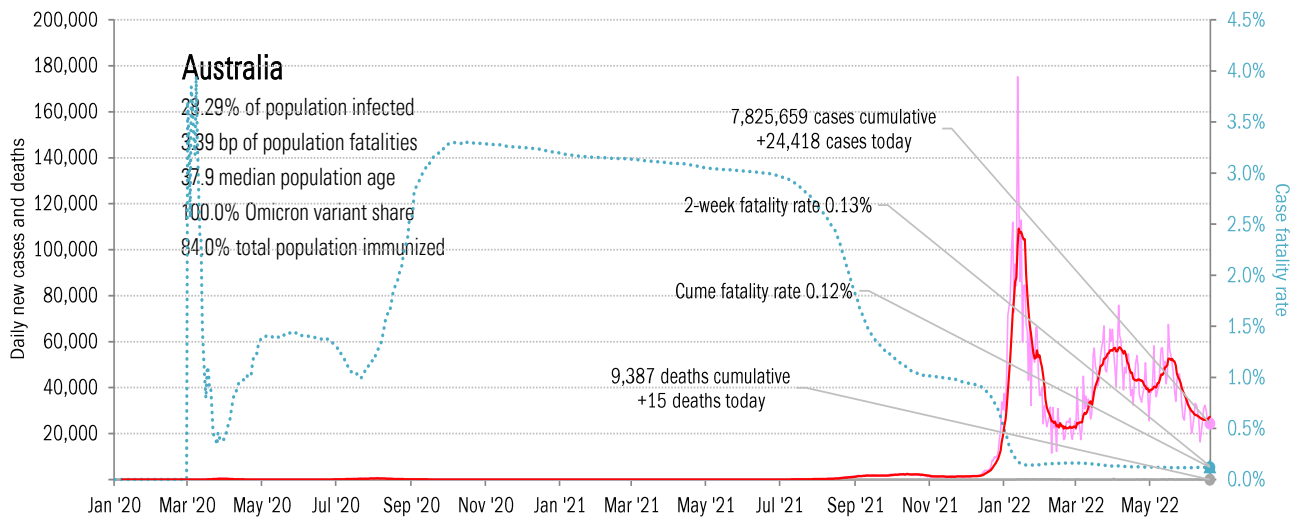
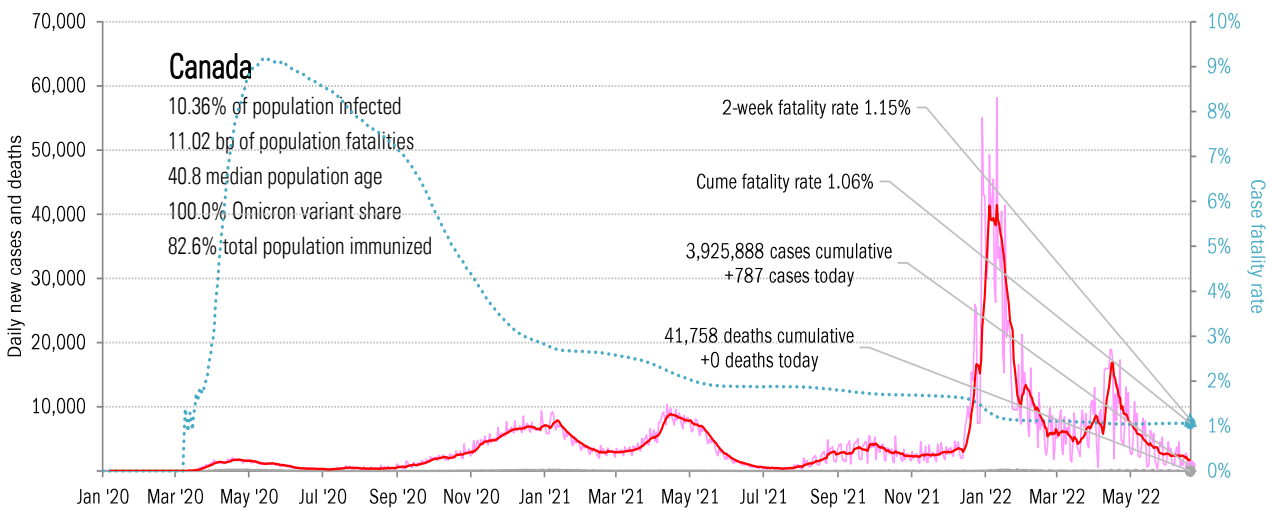
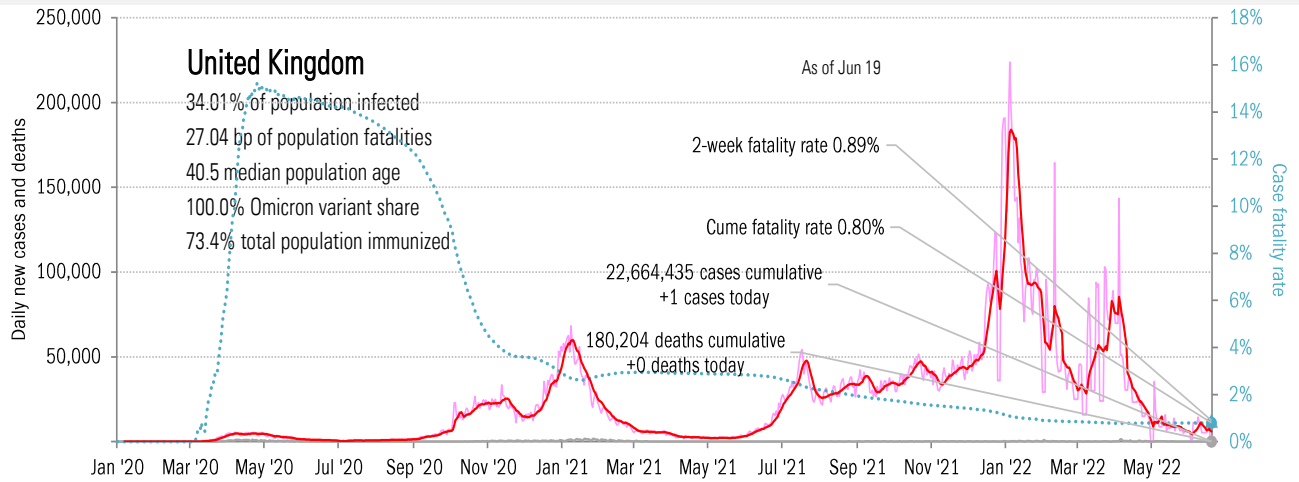
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

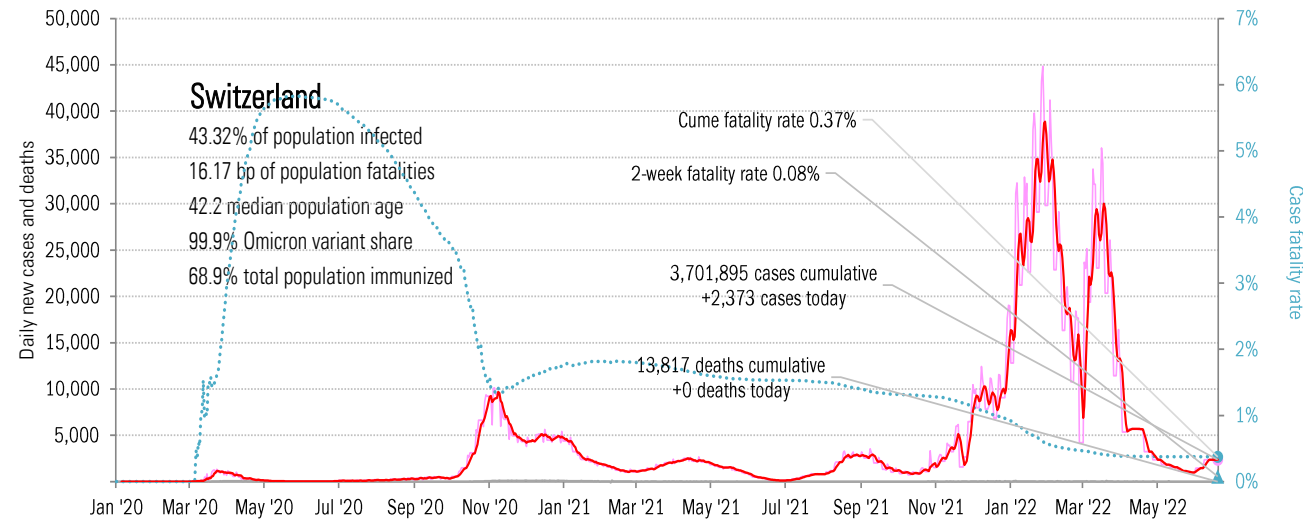
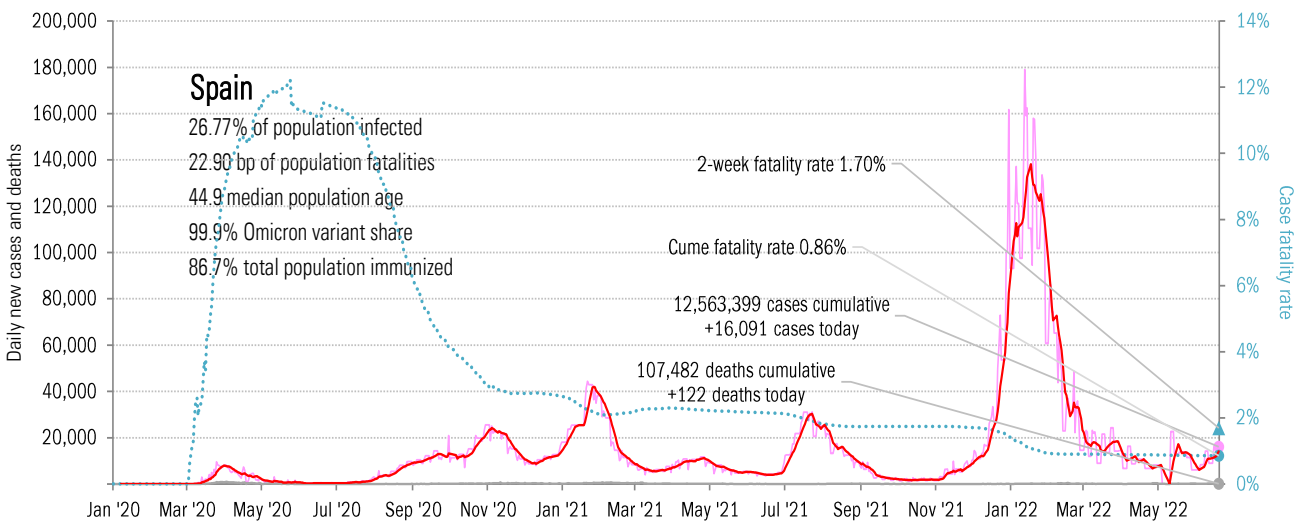
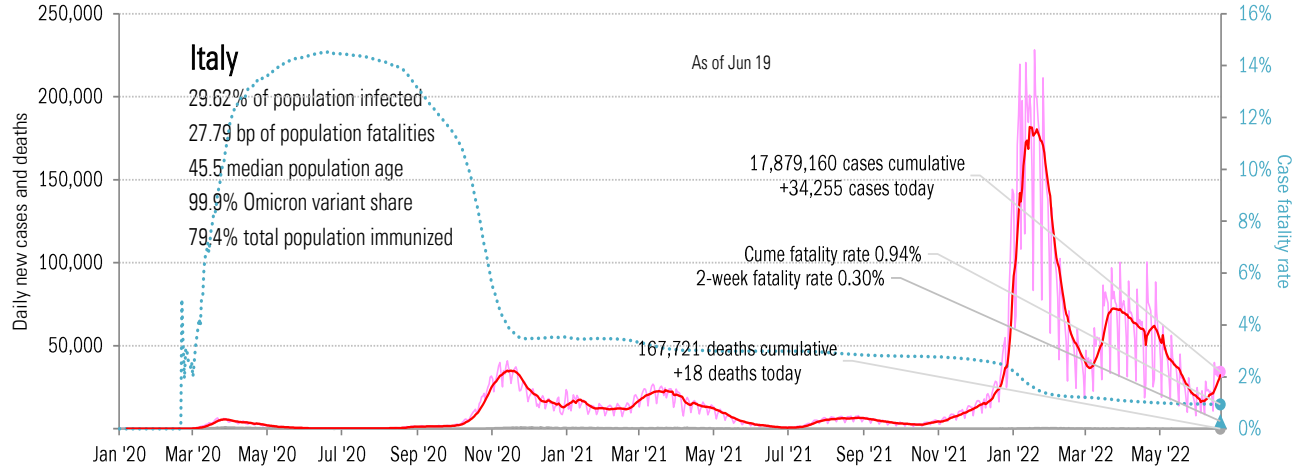
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

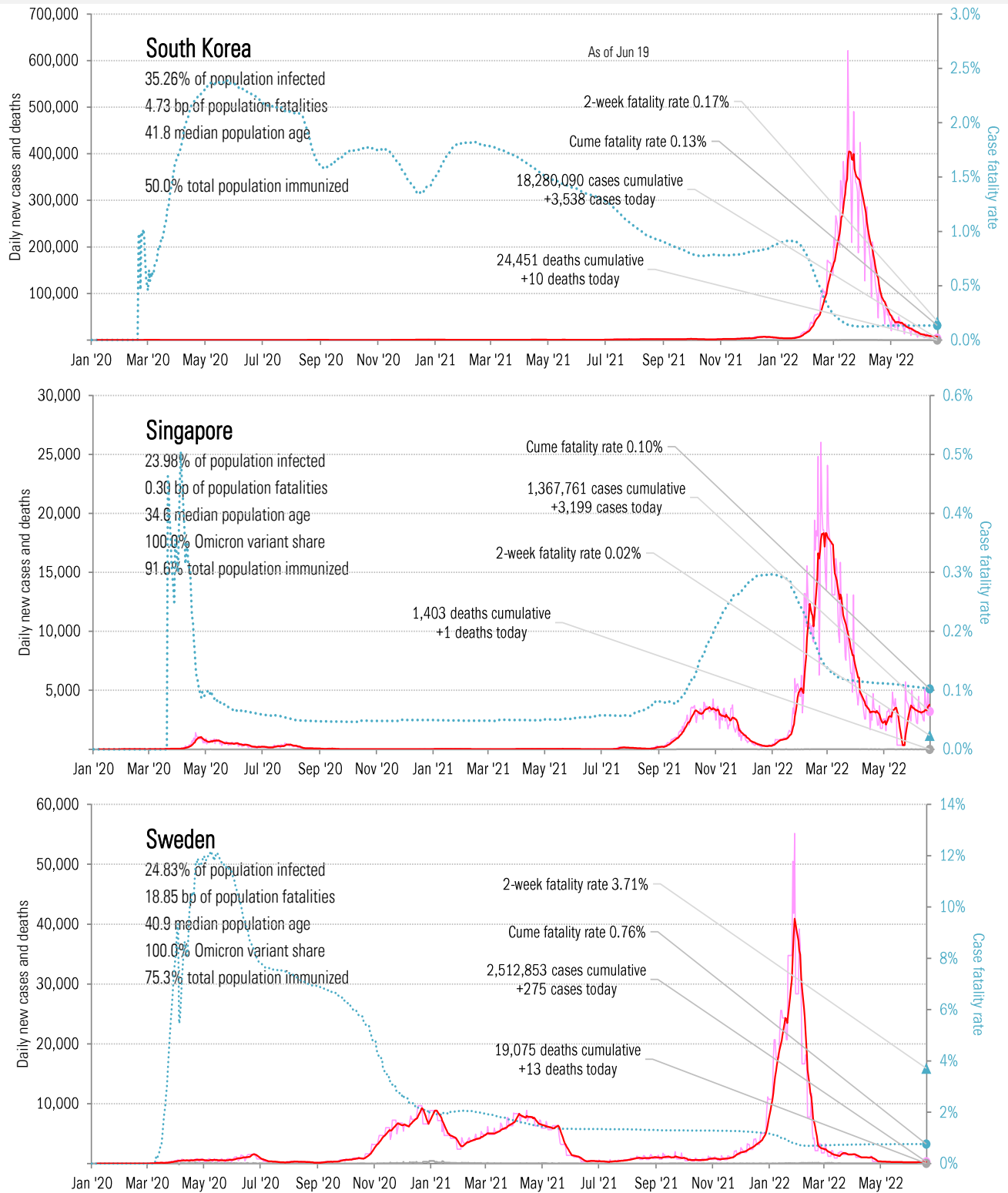
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

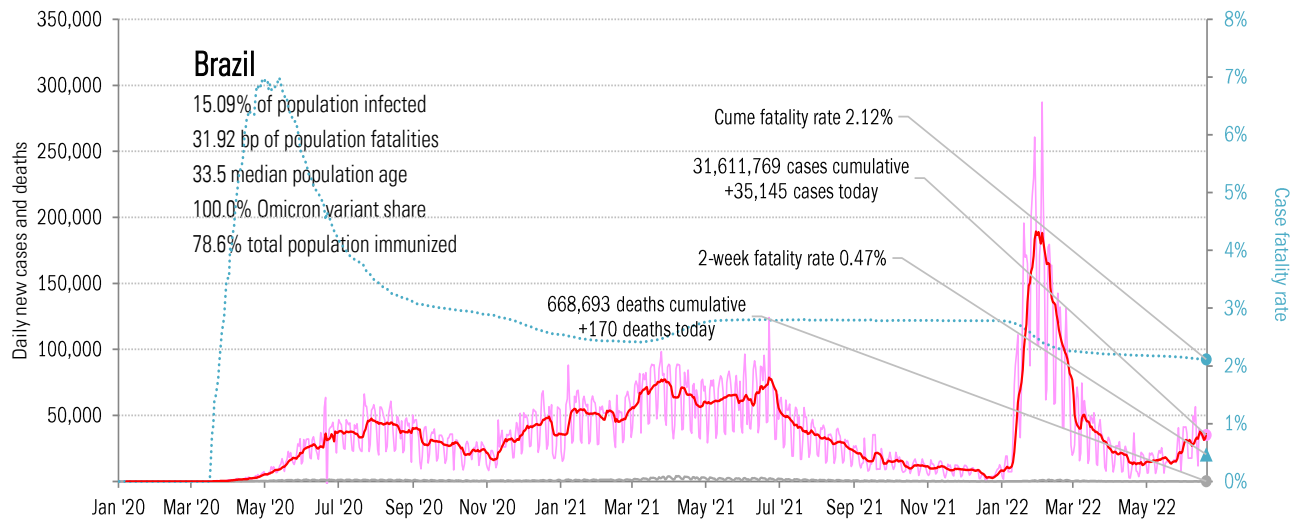
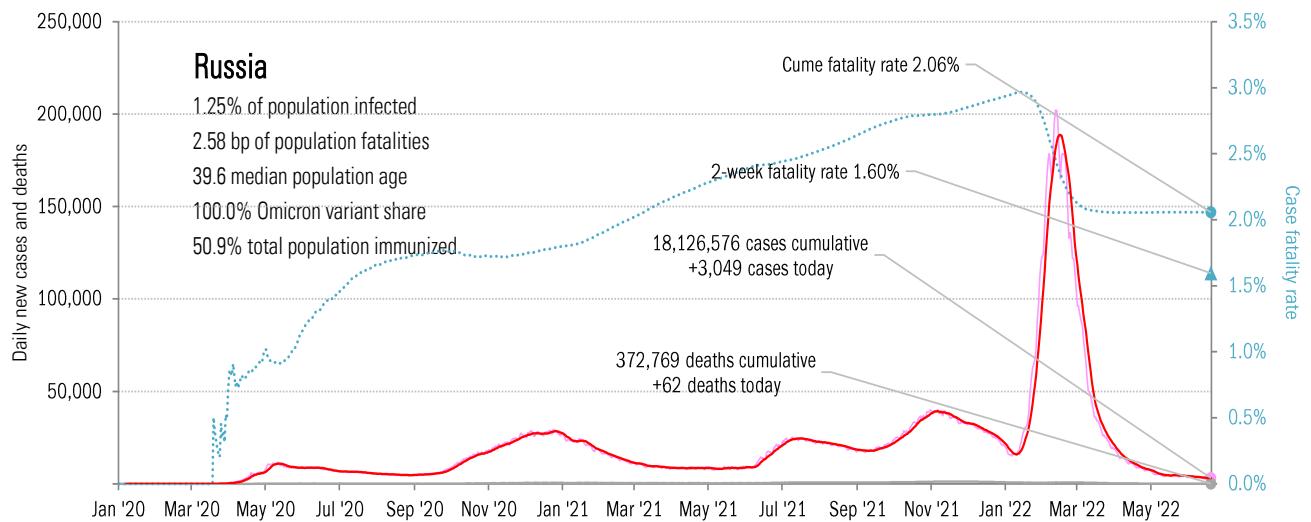
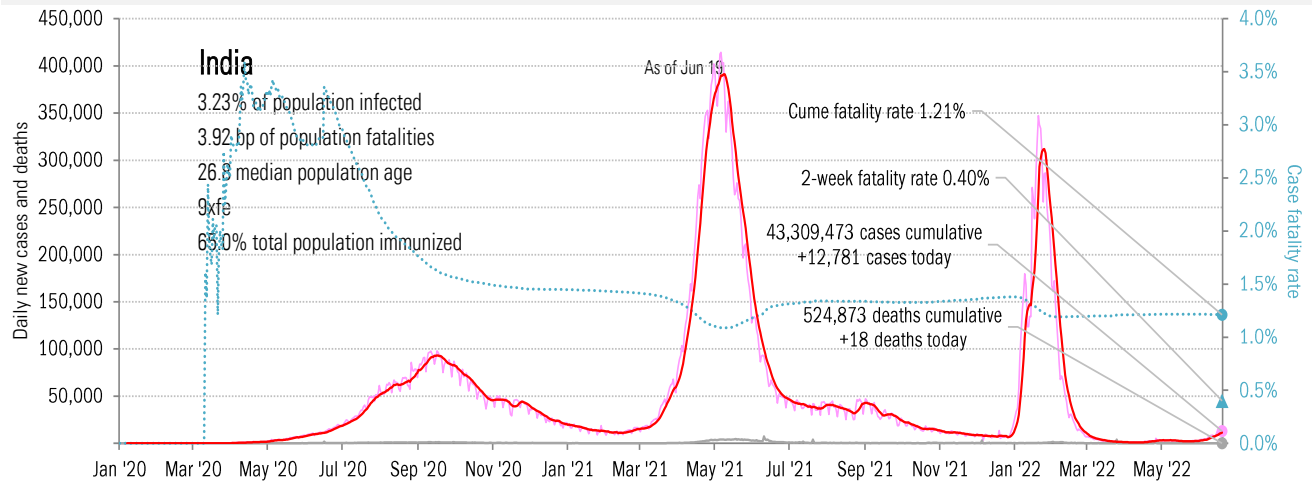
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

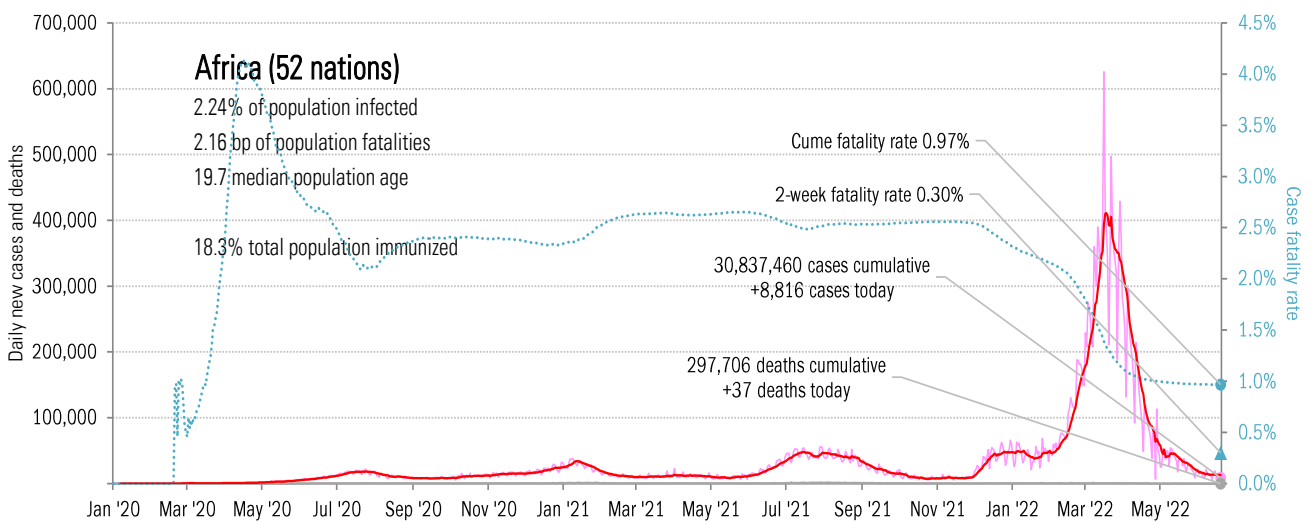
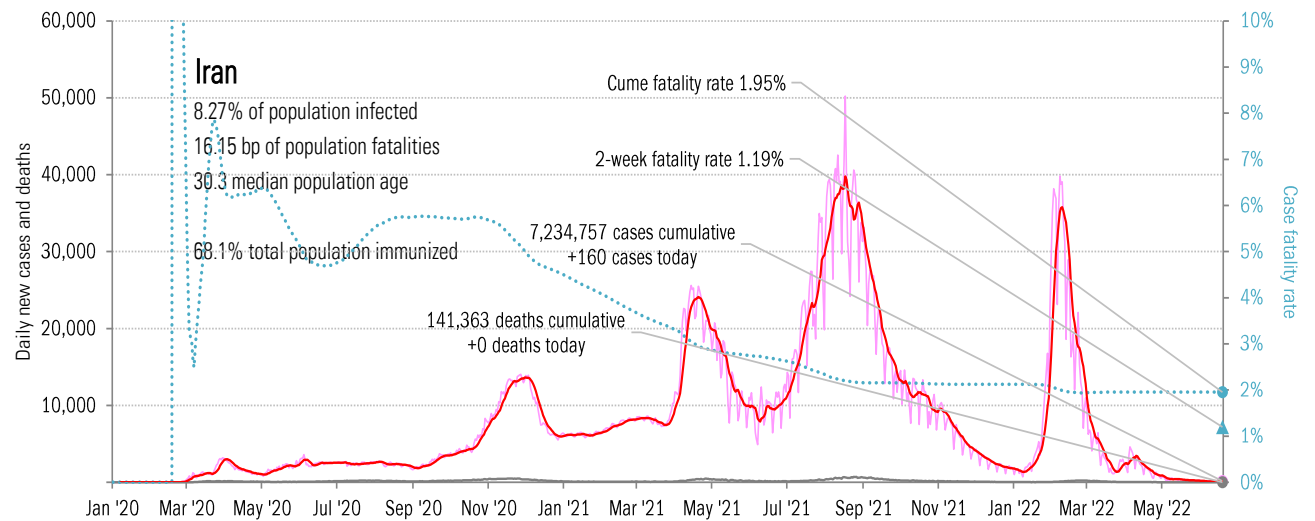
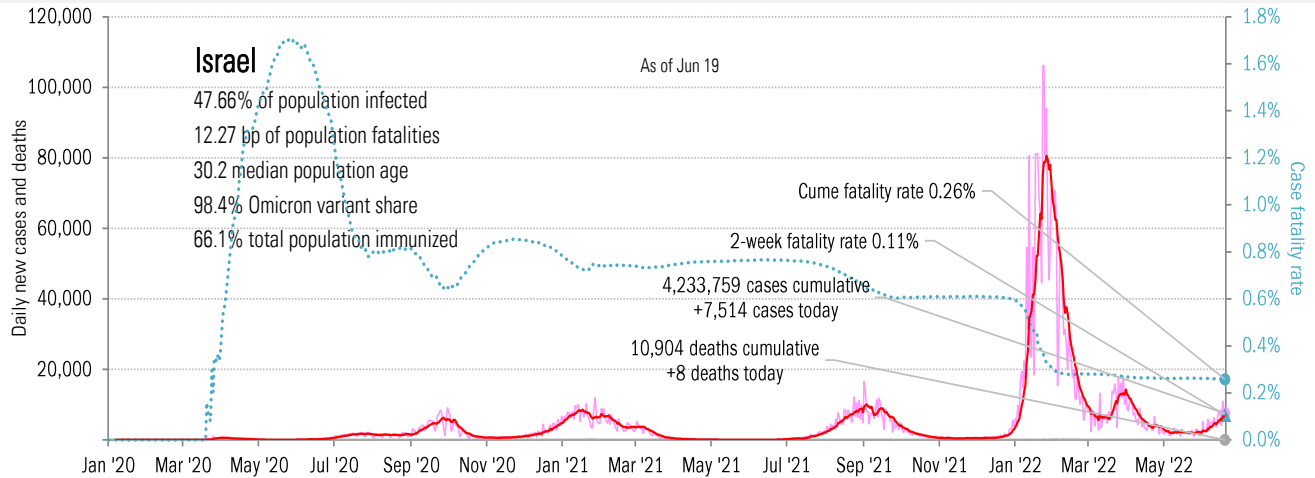
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

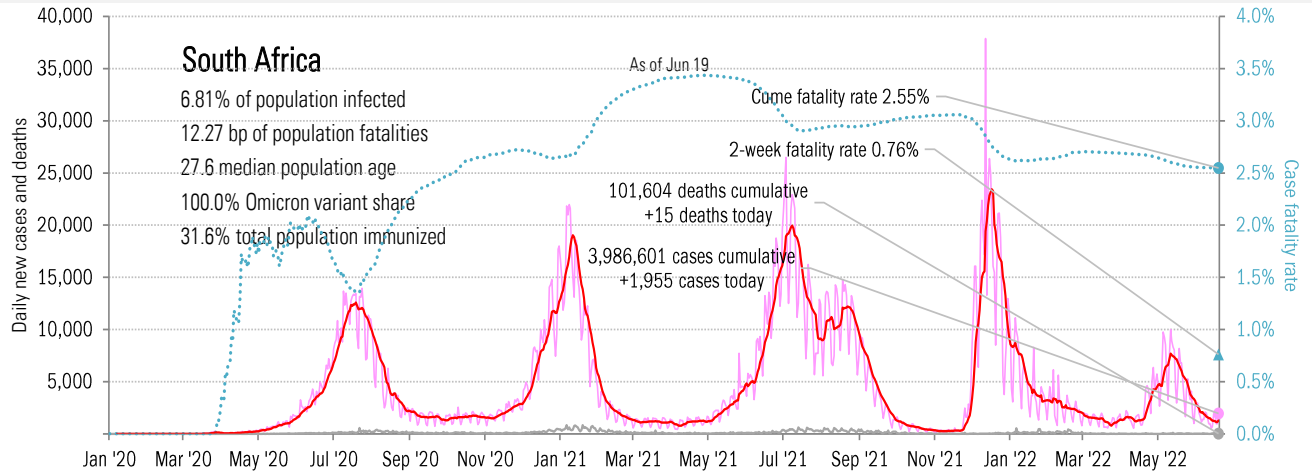
Cases: **7-day average** and **daily** Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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