

## Data Insights: Covid-2019 Monitor

Wednesday, June 15, 2022

### The global scorecard

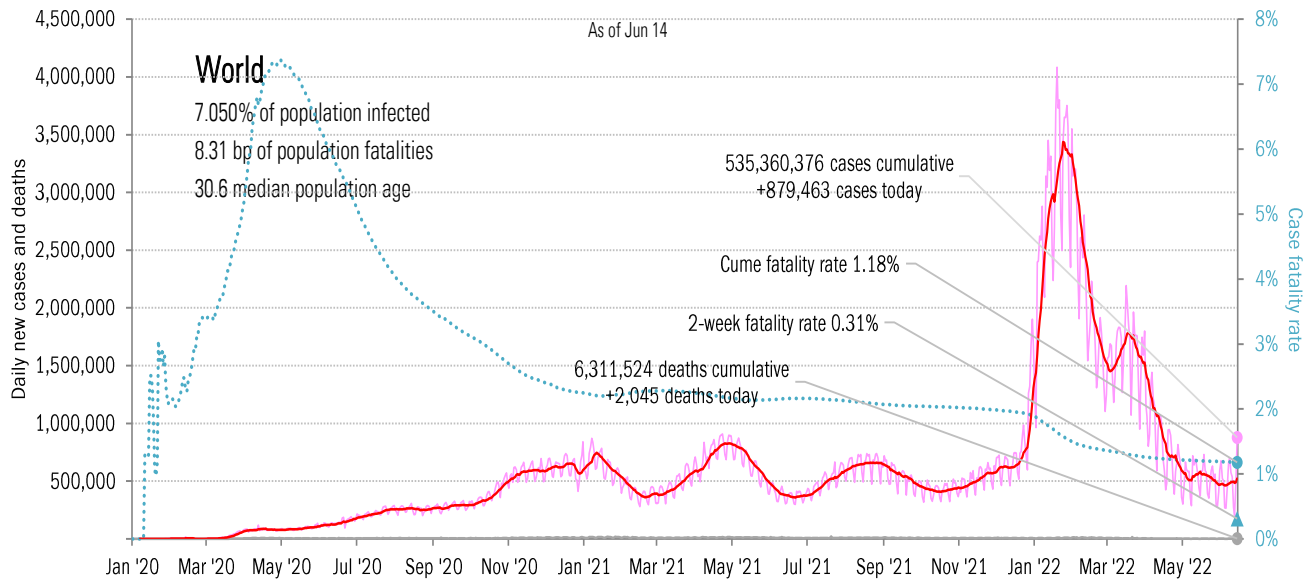
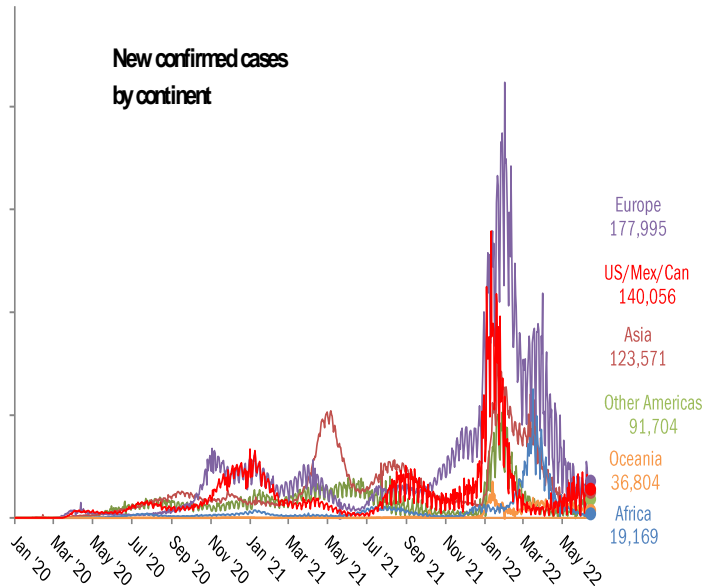
Cases: 7-day average and daily Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
France	176,779	United States	534
United States	127,745	Portugal	176
Germany	92,344	Brazil	174
Portugal	68,615	France	149
Taiwan*	66,138	Spain	131
Brazil	44,441	Taiwan*	123
Italy	39,844	Germany	112
Argentina	36,835	United Kingdom	89
Spain	36,133	Italy	73
Australia	30,960	Russia	60
<b>719,834</b>		<b>1,621</b>	
World	879,463	World	2,045
Top ten	82%	Top ten	79%

Likely a reporting error.

#### New confirmed cases by continent



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

#### For more information contact us:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

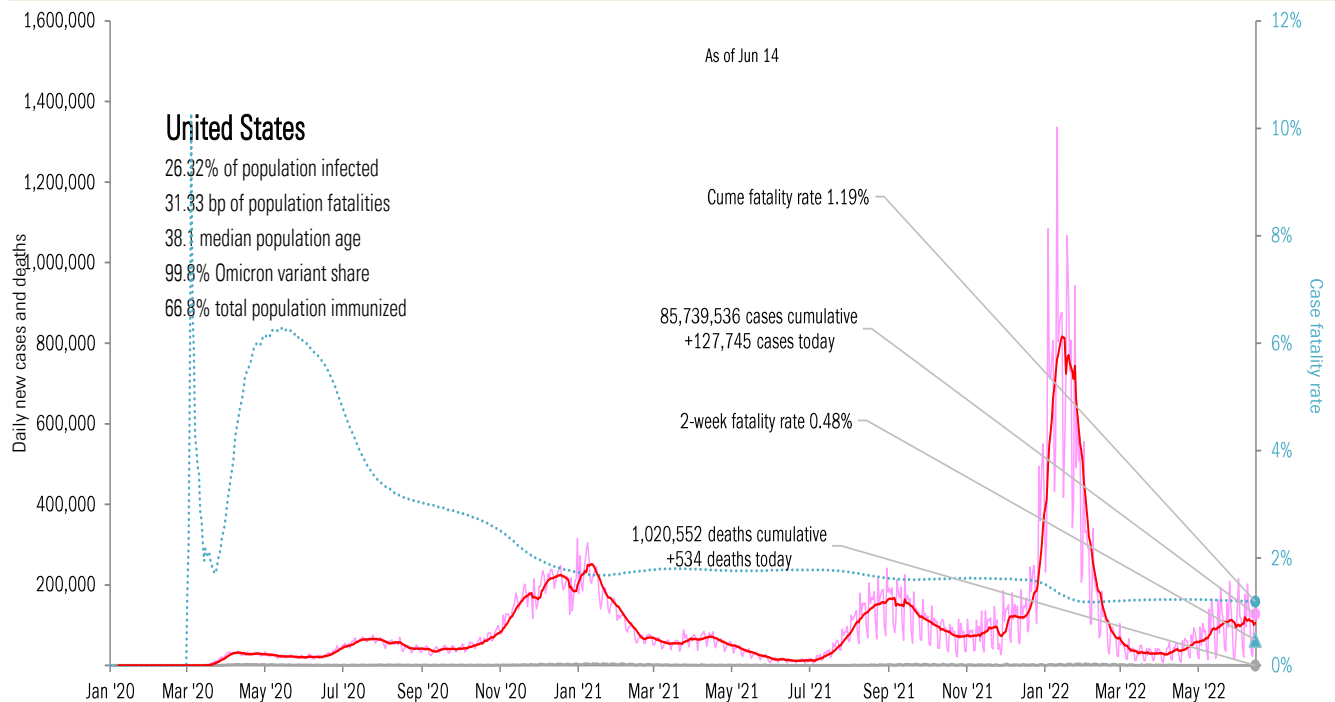
## The ten worst US states

New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
CA	48,190		CA	80		TX	337		CA	9,851,436		CA	91,793		TX	498,428		RI	89%	DE	85%
SC	10,348		NY	56		PR	50		TX	7,042,667		TX	88,481		CA	441,372		MA	84%	RI	83%
FL	9,585		FL	33		GA	119		FL	6,284,733		FL	75,051		FL	433,348		WA	83%	VT	82%
TX	7,813		MA	26		UT	22		NY	5,525,057		NY	69,355		NY	266,461		MN	82%	WA	80%
TN	6,432		SC	25		NM	26		IL	3,365,525		PA	45,413		GA	210,942		MO	80%	TX	79%
NY	4,064		IL	24		TN	66		PA	2,956,361		CH	38,657		CH	197,484		NH	80%	NM	79%
IL	3,879		NJ	20		WY	11		NC	2,799,515		IL	38,344		PA	184,469		PA	79%	NH	79%
MN	3,834		MD	16		IN	67		CH	2,798,900		GA	38,290		IL	165,574		DE	79%	MA	78%
MD	3,426		CT	15		WV	26		GA	2,588,857		MI	36,538		MI	148,275		GA	78%	AL	77%
NJ	3,127		WV	12		IA	32		MI	2,565,819		NJ	33,879		KY	135,035		NY	78%	NC	76%
100,698			307			756			45,778,870			555,801			2,681,388						
All states	127,745			534			3,861		All states	85,739,536			1,020,552			4,868,563		All states	70%		67%
Top ten	79%			58%			20%		Top ten	53%			55%			55%		Median	74%		71%

Some states not reporting

## Five most improved US states

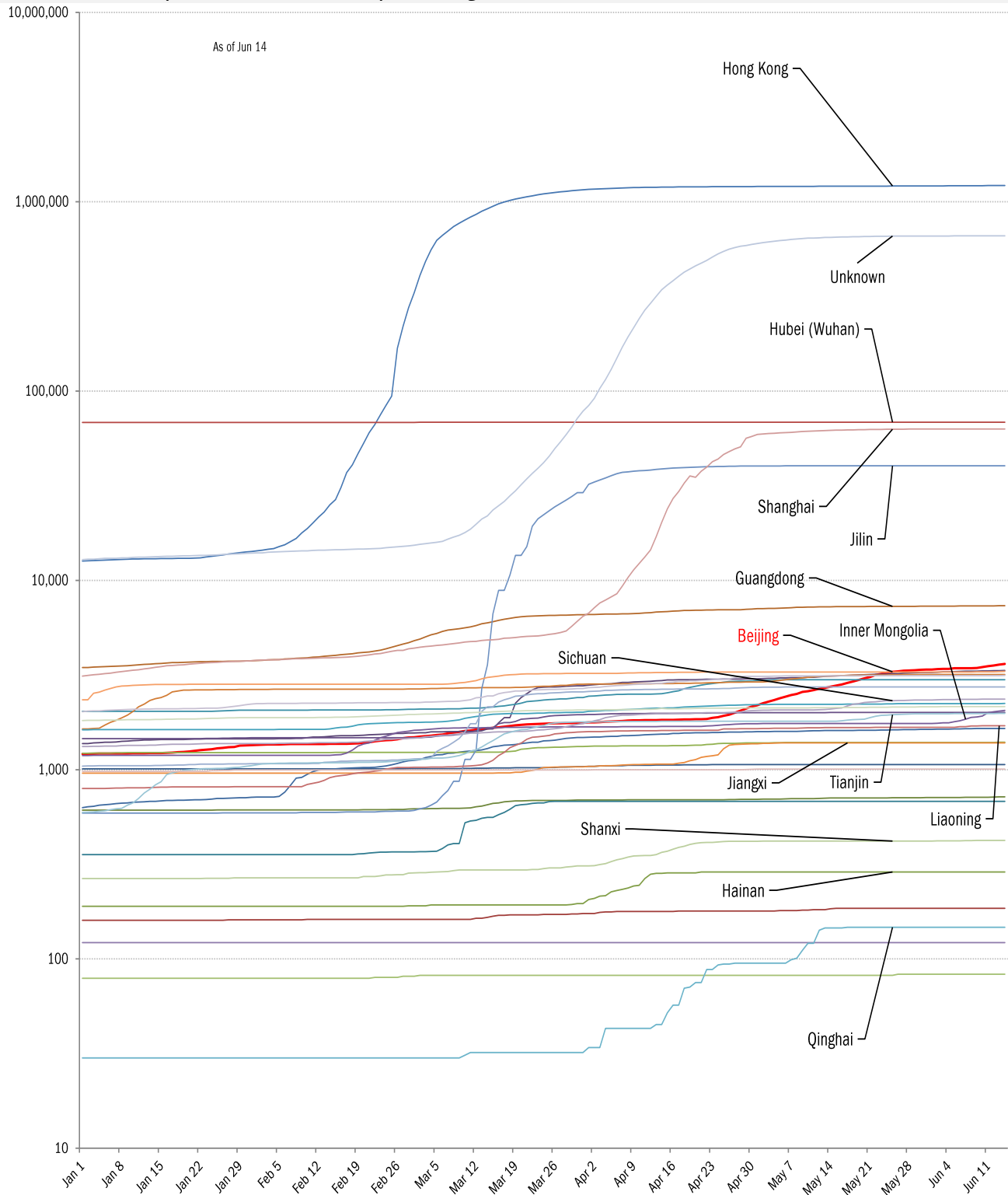
Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunity growth
NY -7,422	FL -98	FL -226	VA +10 bp
WA -6,415	IN -20	CA -211	AK +0 bp
IL -4,784	OR -13	AZ -71	AL +0 bp
VA -4,088	WA -10	TX -69	AR +0 bp
IN -3,487	IL -7	NJ -67	AS +0 bp



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

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

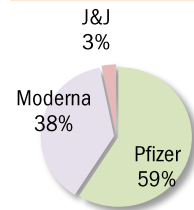
*Cumulative reported cases this year, log scale: flat line indicates "zero Covid"*



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

# Rolling out the vaccines in the US and the world

Administered	Cumulative		Today		Immunity	Full	Partial
Doses	606,945,335		+0.304 million		US	66.8%	78.0%
of which boosters	105,835,385		+0.077 million		UK	73.3%	78.5%
	One dose	% Pop	Immune	% pop	New immune today	France	78.4%
Total population	266,913,763	80%	228,111,533	68%	+0.040 million	Spain	86.7%
Age 12 to 17	17,853,676	71%	15,294,199	60%	+0.004 million	Germany	76.9%
Age 18 to 64	179,247,184	88%	152,476,628	75%	+0.022 million	Italy	79.4%
Age 65 and over	59,231,709	100%	51,777,423	94%	+0.009 million	Australia	83.9%
						Israel	66.1%
						Canada	82.5%
						Japan	81.1%
						Africa	19.1%
						India	64.7%
						Brazil	78.6%
						China	87.1%



AK	70.2%
	62.8%

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

Best
Middle
Worst

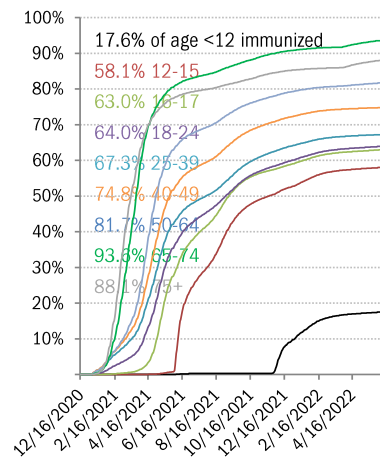
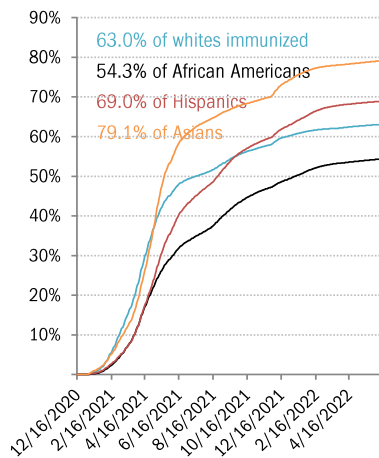
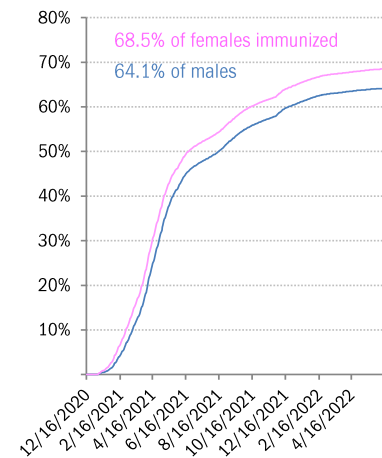
\*Immunity\* = two doses

As of Jun 14

Global data differs due to sources, timing

					WI						ME
					72.2%						91.5%
					66.0%						80.3%
WA	ID	MT	ND	MN	IL	MI			NY	VT	NH
81.3%	62.1%	65.7%	66.0%	75.5%	76.3%	67.4%			90.8%	94.3%	89.2%
73.1%	55.7%	57.2%	55.9%	69.6%	69.0%	60.6%			77.6%	81.8%	71.3%
OR	NV	WY	SD	IA	IN	OH	PA		NJ	MA	
78.4%	75.9%	58.5%	77.4%	68.3%	61.9%	63.6%	85.8%		91.1%	95.0%	
70.1%	61.3%	51.2%	62.3%	62.3%	55.3%	58.7%	69.3%		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%
72.7%	64.6%	70.7%	63.9%	56.5%	57.8%	58.0%	73.9%		76.3%	80.0%	83.6%
	AZ	NM	KS	AR	TN	NC	SC		DC	DE	
	73.9%	88.7%	72.9%	67.3%	62.6%	85.4%	68.2%		95.0%	83.9%	
	62.2%	71.8%	62.5%	54.9%	54.9%	62.3%	57.5%		75.8%	69.9%	
			OK	LA	MS	AL	GA				
			71.6%	61.4%	60.0%	63.1%	65.9%				
			57.8%	53.8%	52.2%	51.5%	55.2%				
			TX						FL		PR
			74.0%						79.9%		95.0%
			62.1%						67.5%		83.5%

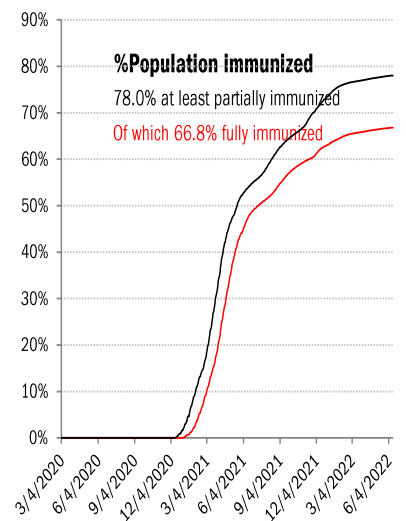
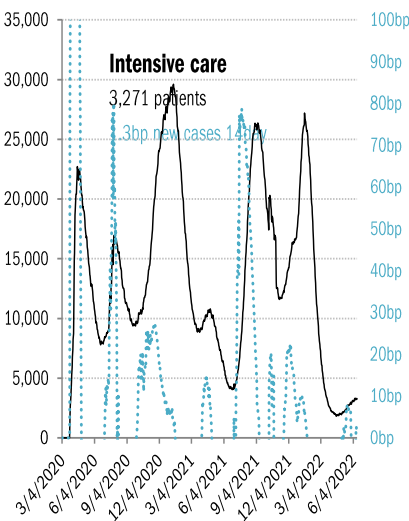
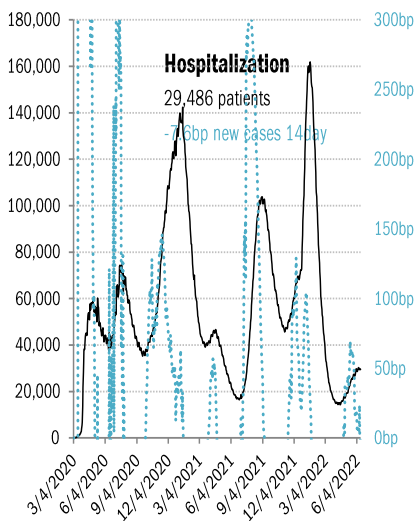
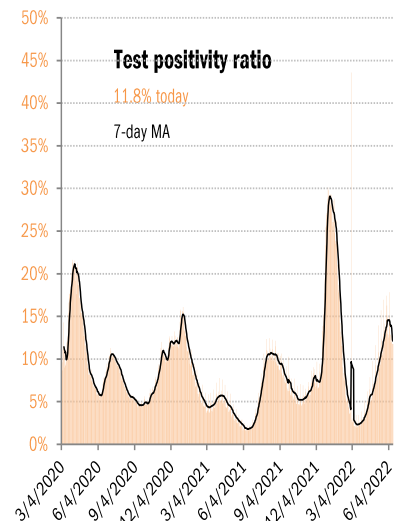
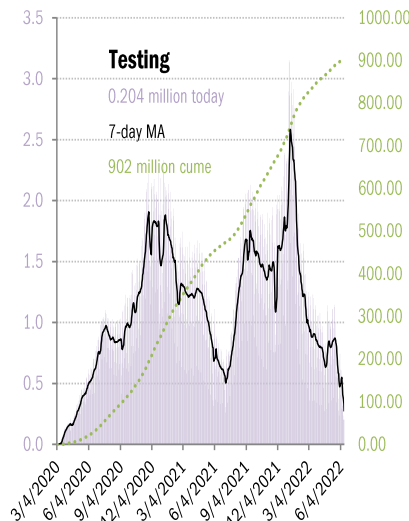
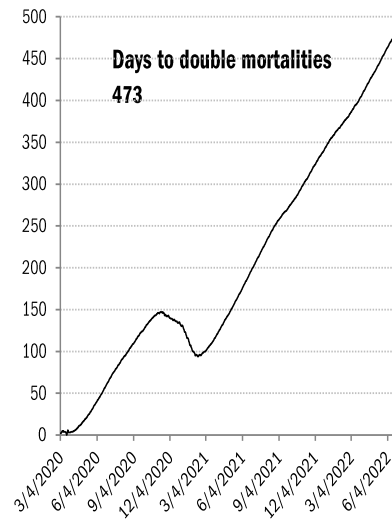
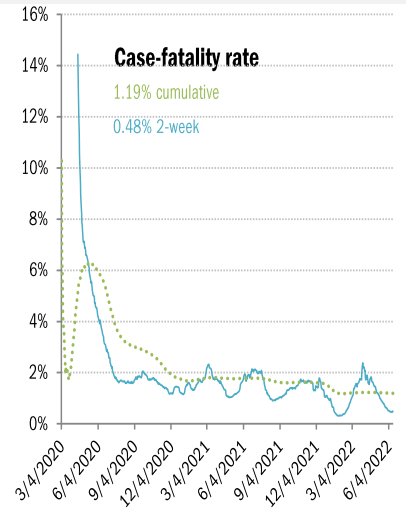
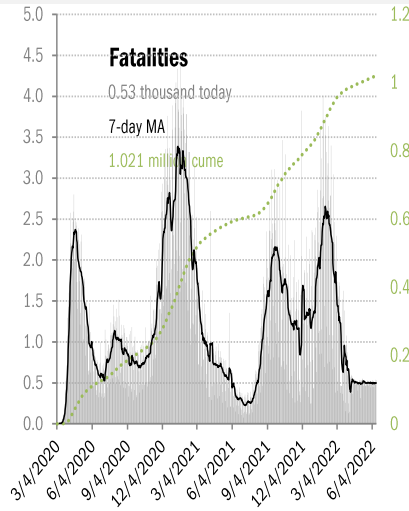
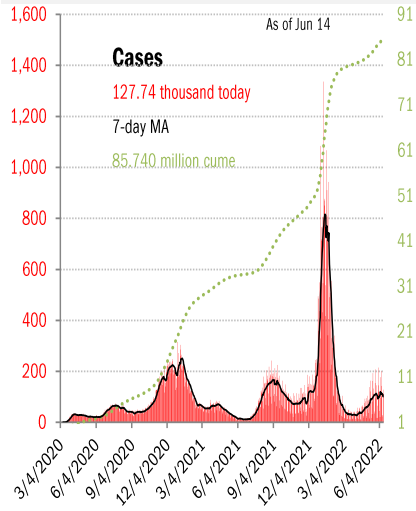
## The demographics of US vaccination



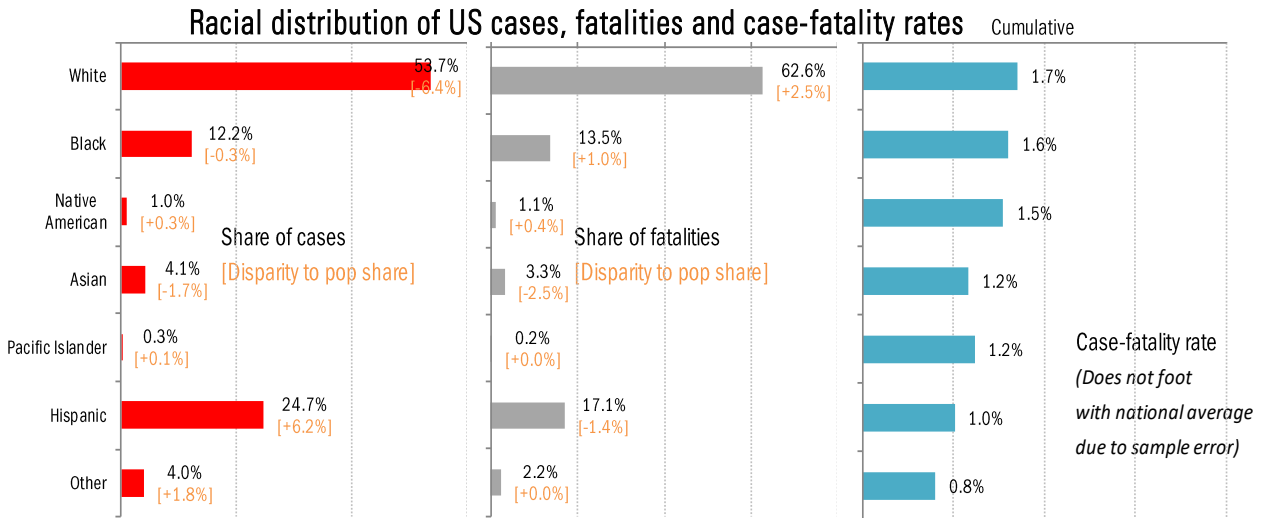
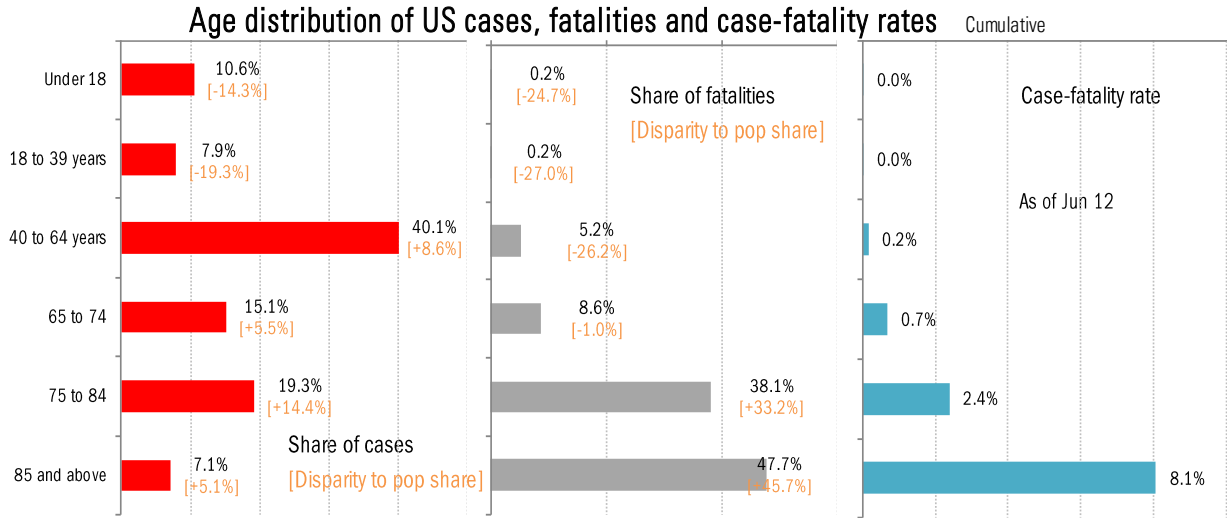
Source: [CDC](#), [CDC](#), [Our World in Data](#), TrendMacro calculations

# US deep-dive

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

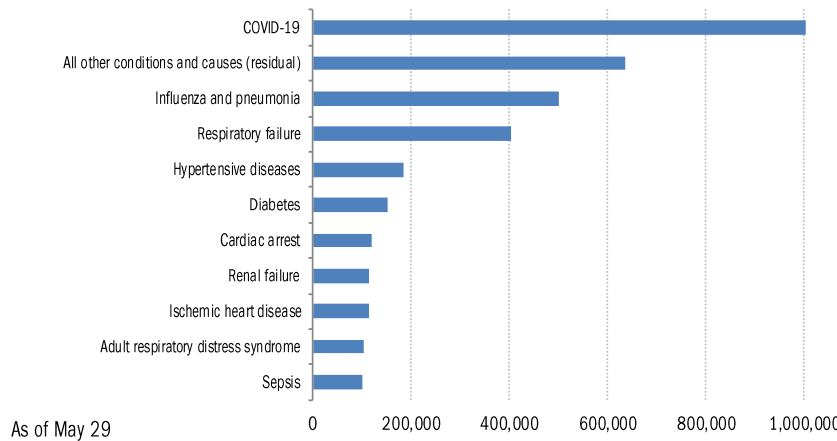


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations



### 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

[People who caught Covid in first wave get 'no immune boost' from Omicron](#)

Nicola Davis  
*The Guardian*  
June 14, 2022

[US failed to stop fraud in COVID loan program, Clyburn says](#)

Jennifer McDermott and Geoff Mulvihill  
*AP*  
June 14, 2022

[How strong is your Covid immunity? A blood test could offer some insight](#)

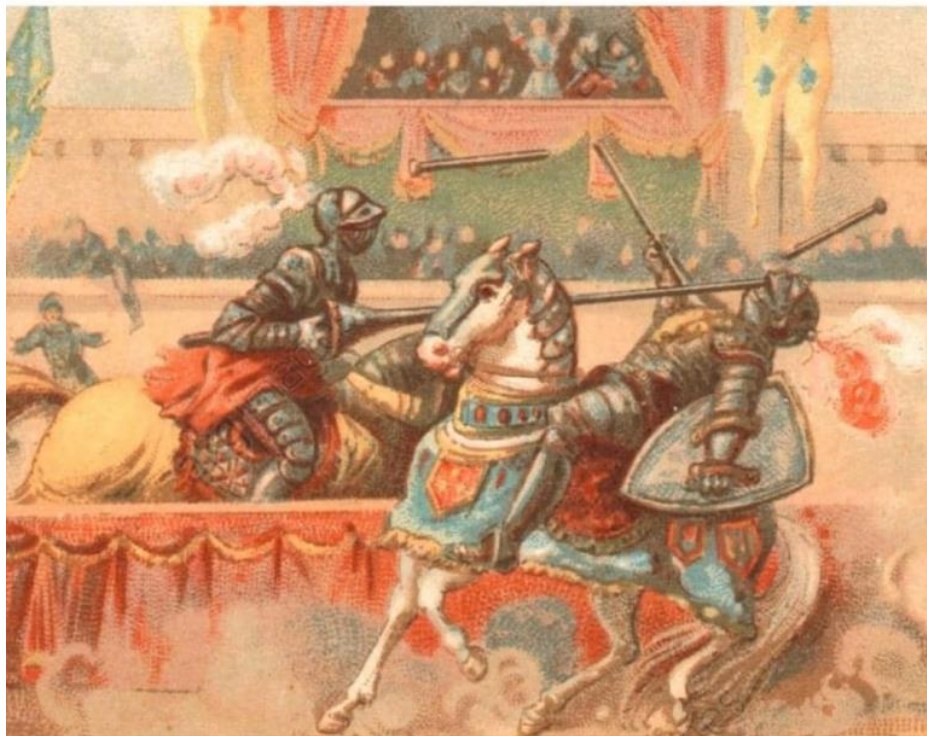
Denise Chow  
*NBC News*  
June 14, 2022

[Trump Needs to Alter His Message on COVID](#)

Steve Baldwin  
*American Greatness*  
June 12, 2022

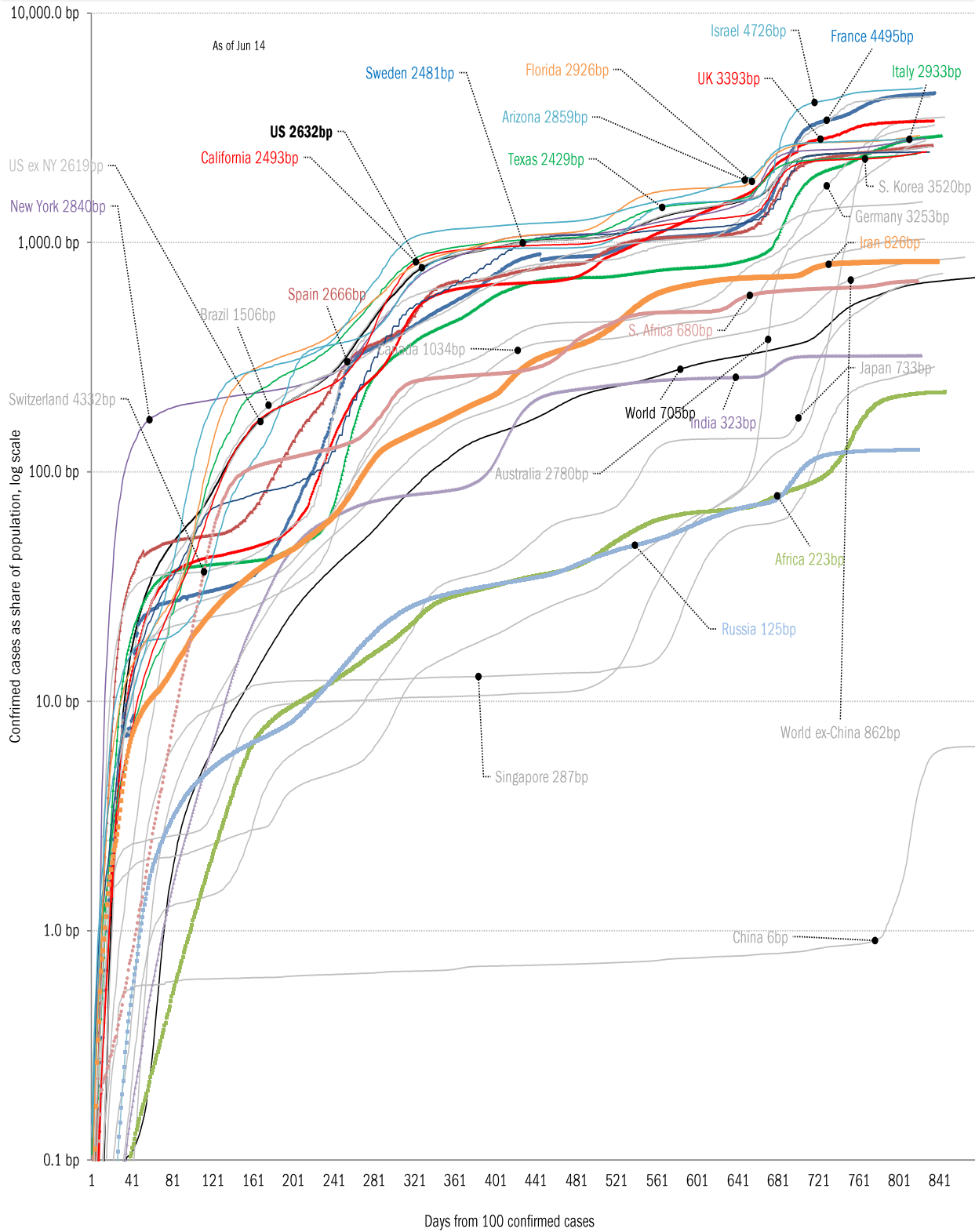
## Meme of the day

First documented Covid test,  
France 1553



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

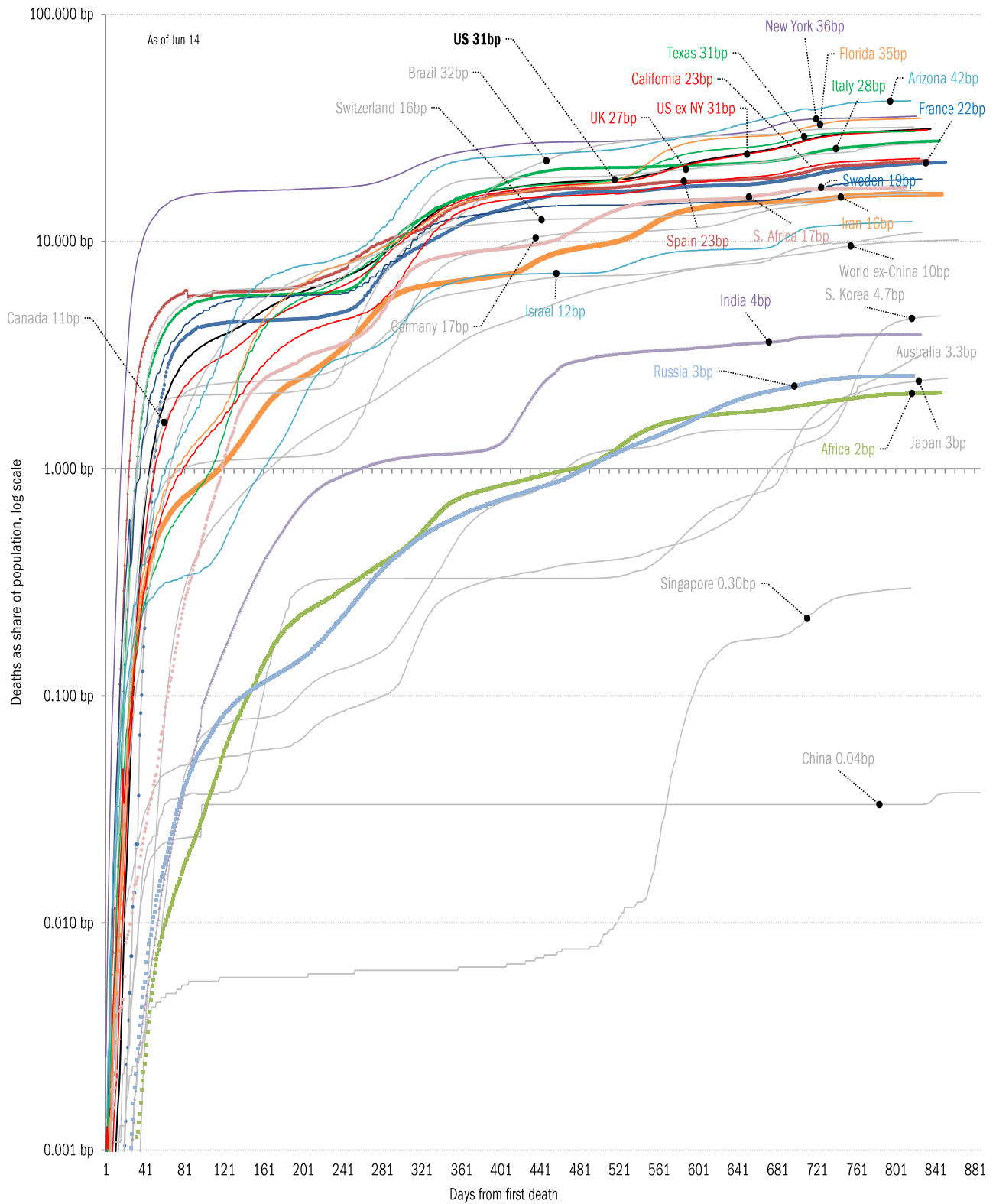
The global coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



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*

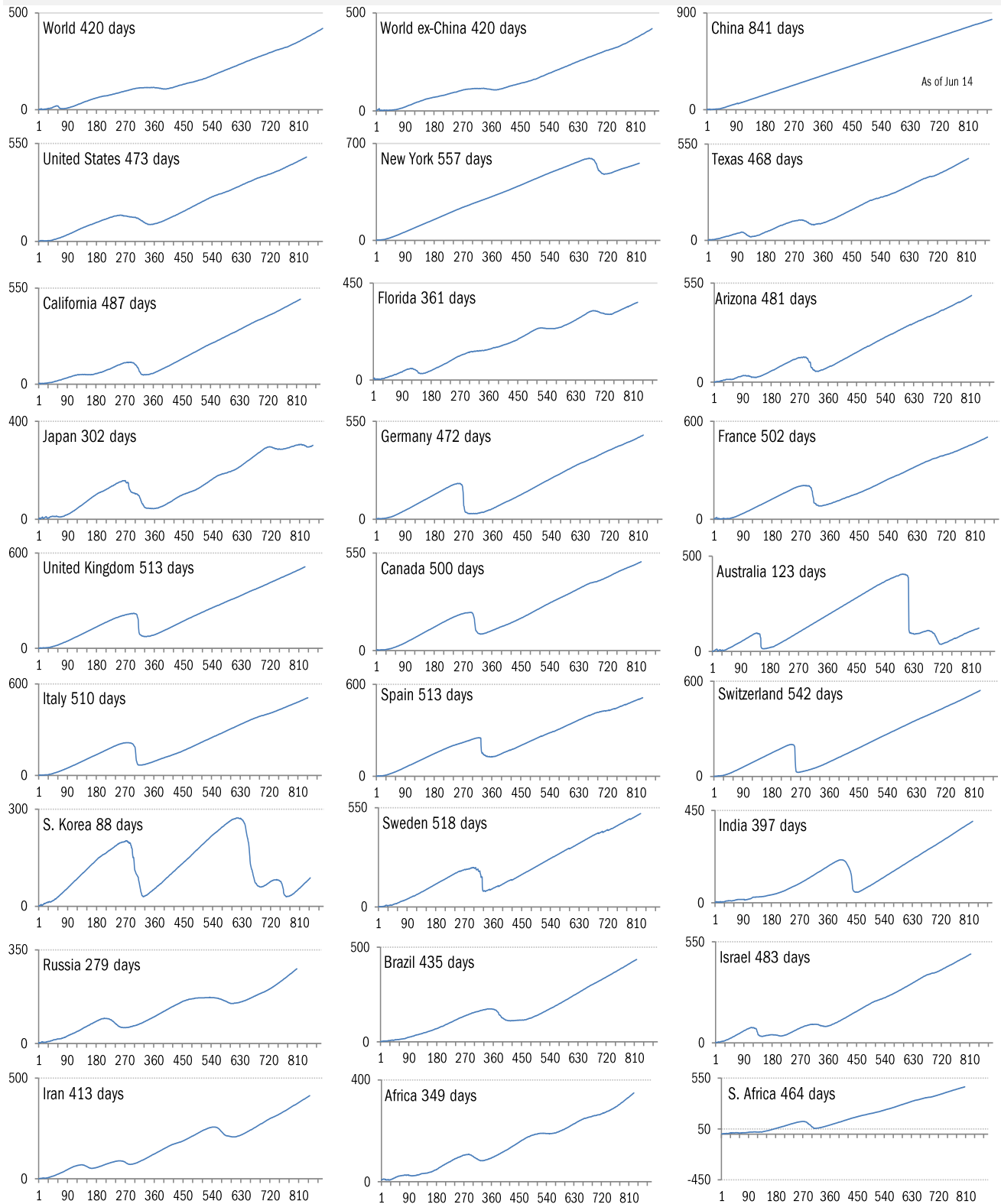


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

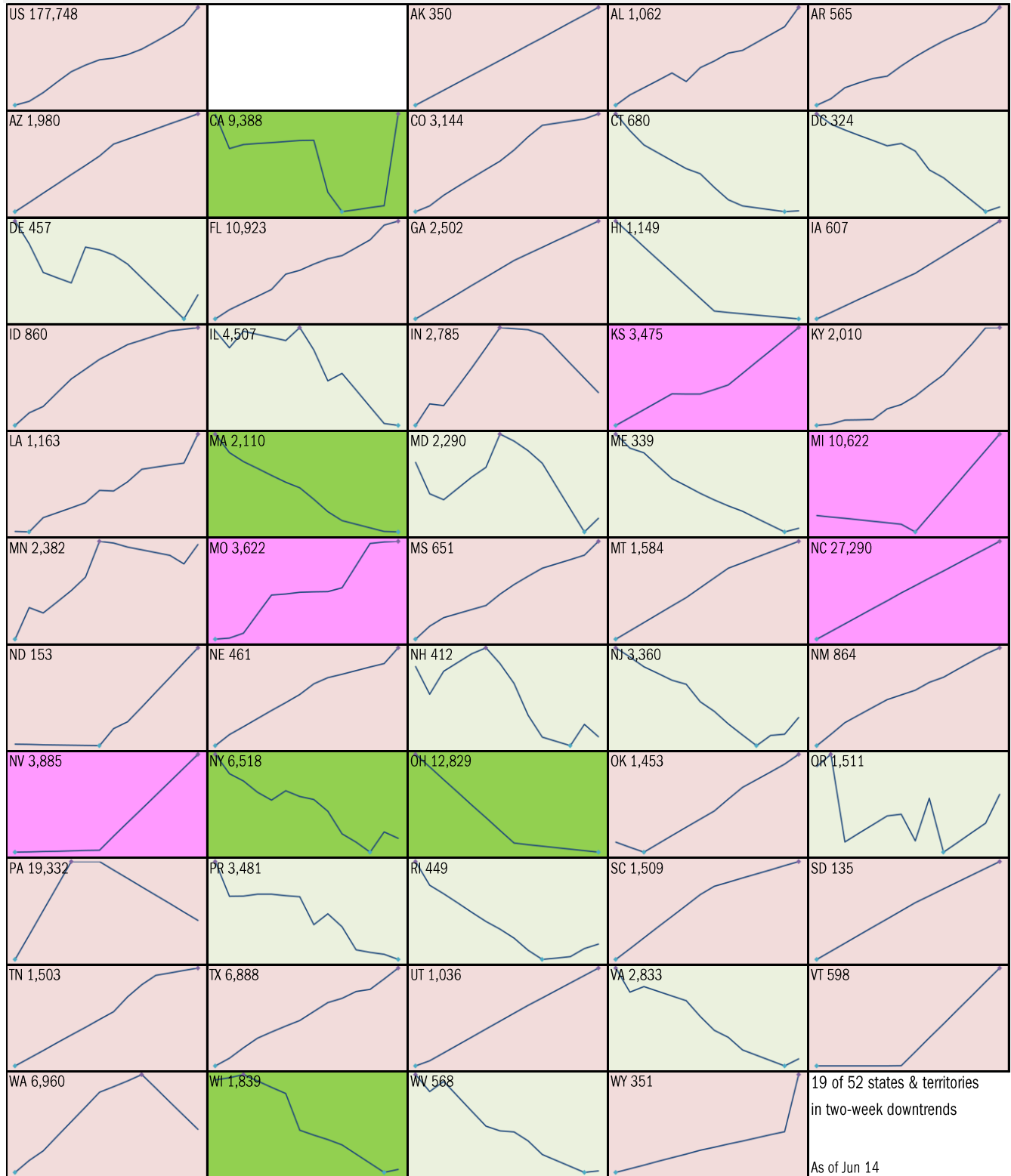


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

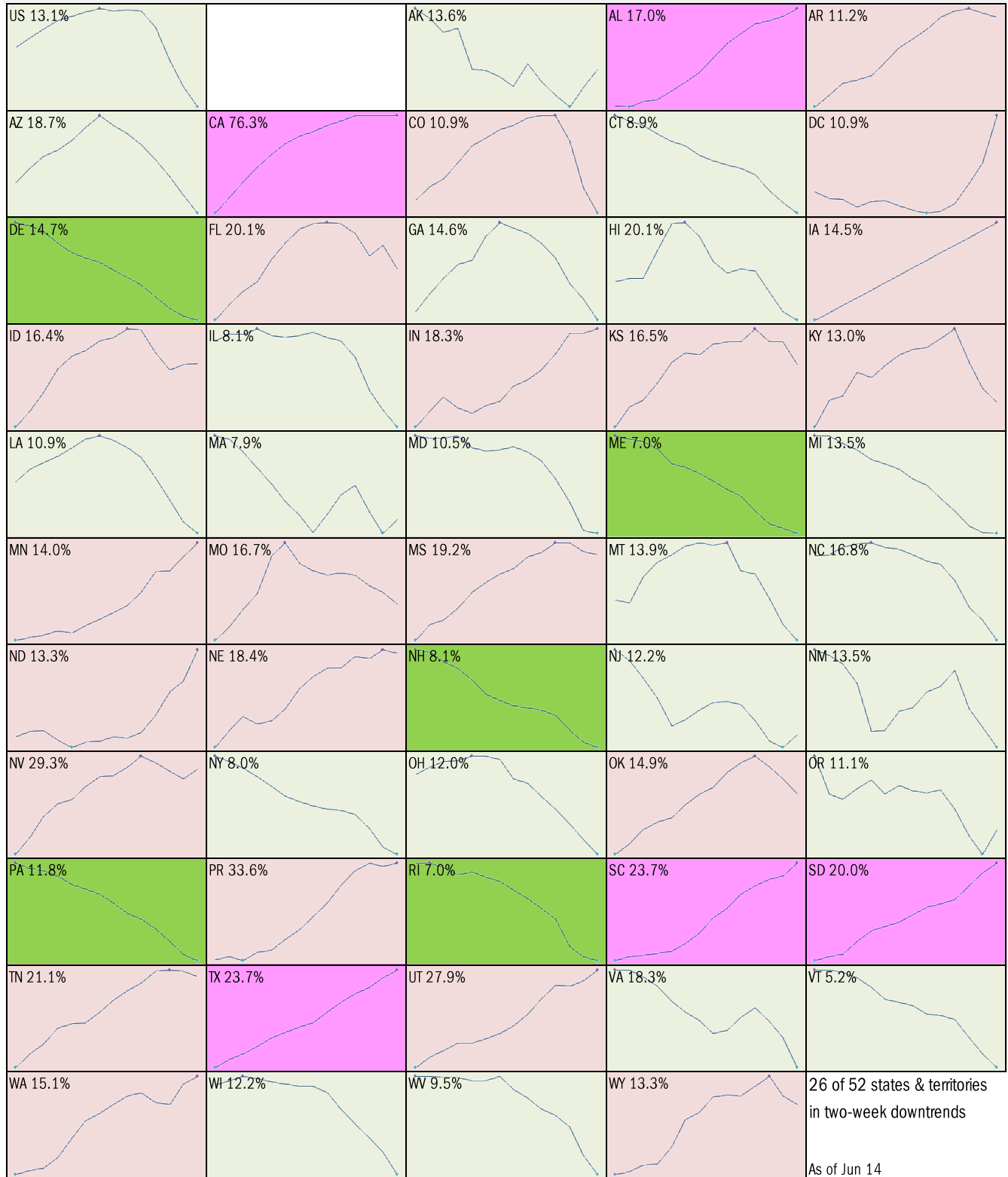


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

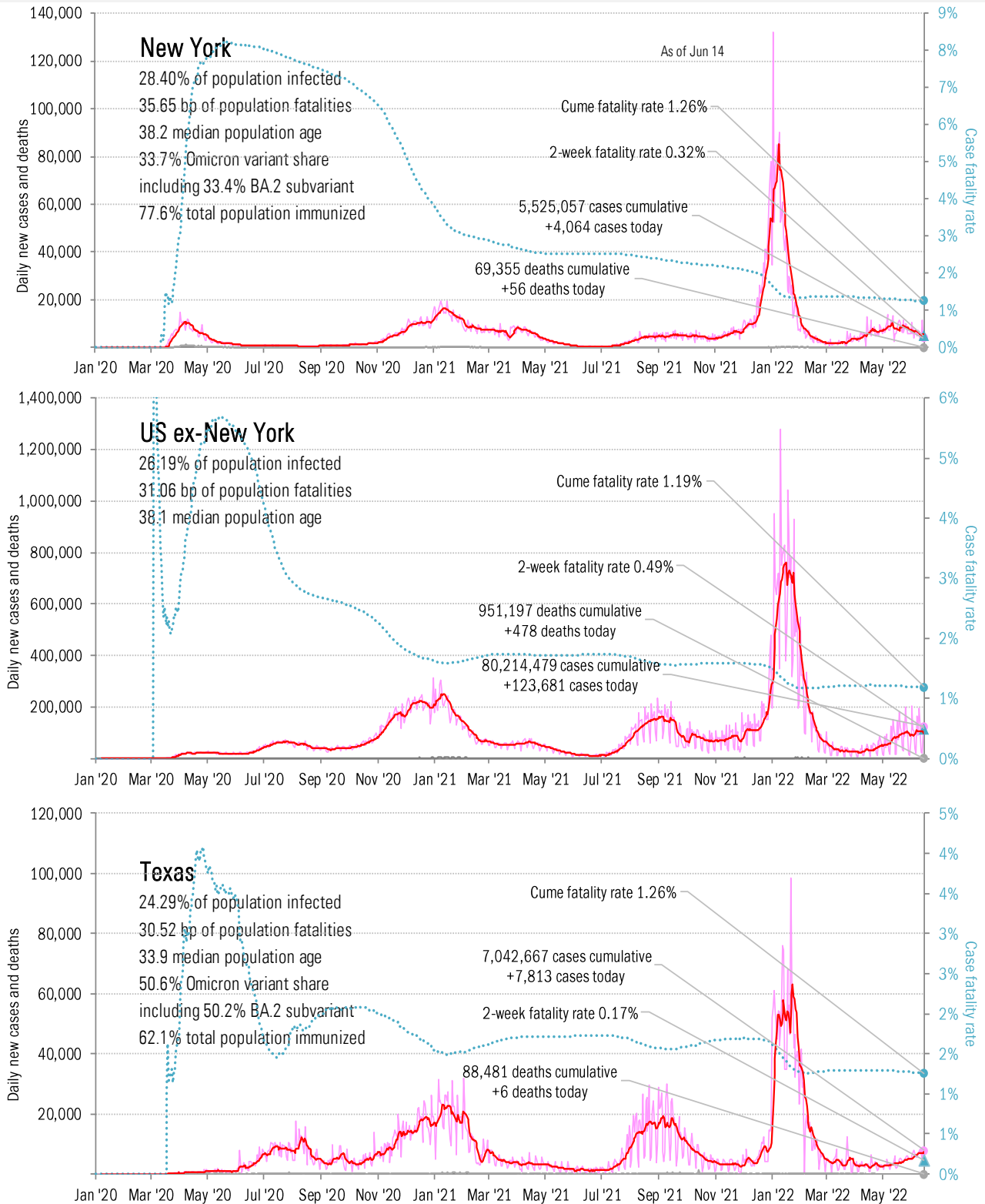
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

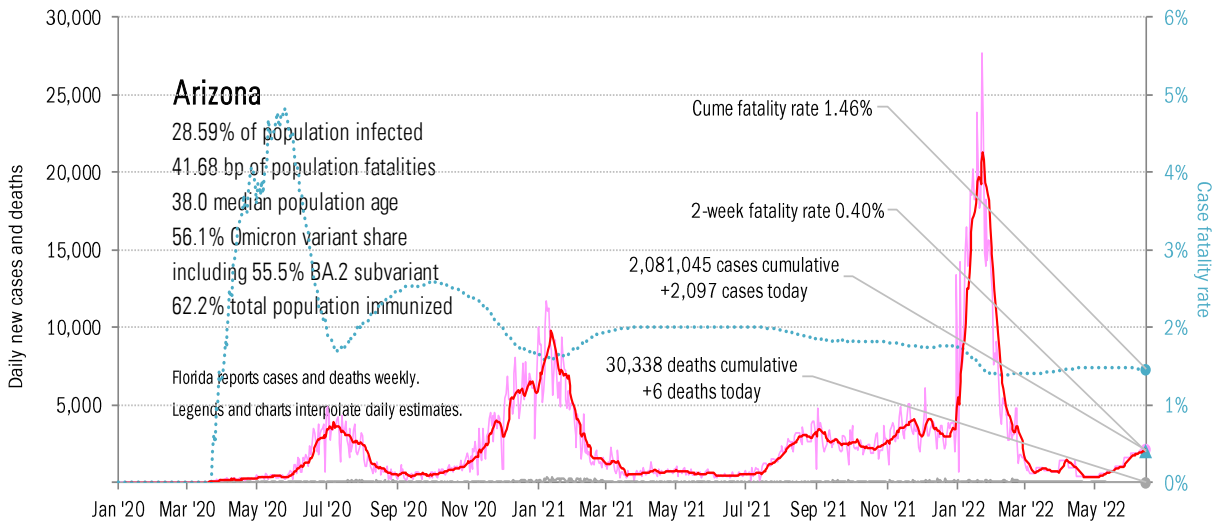
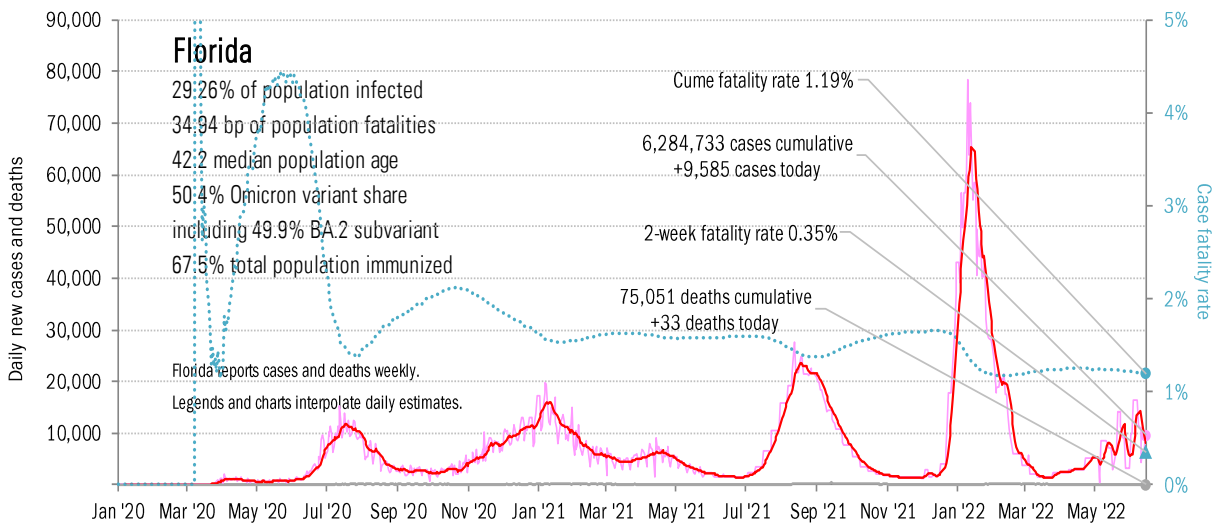
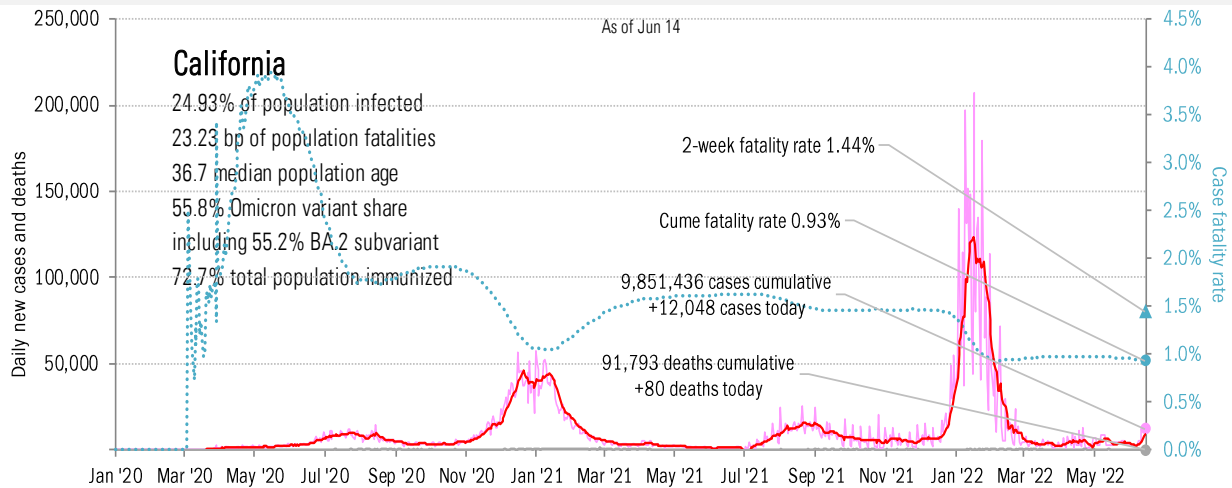
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

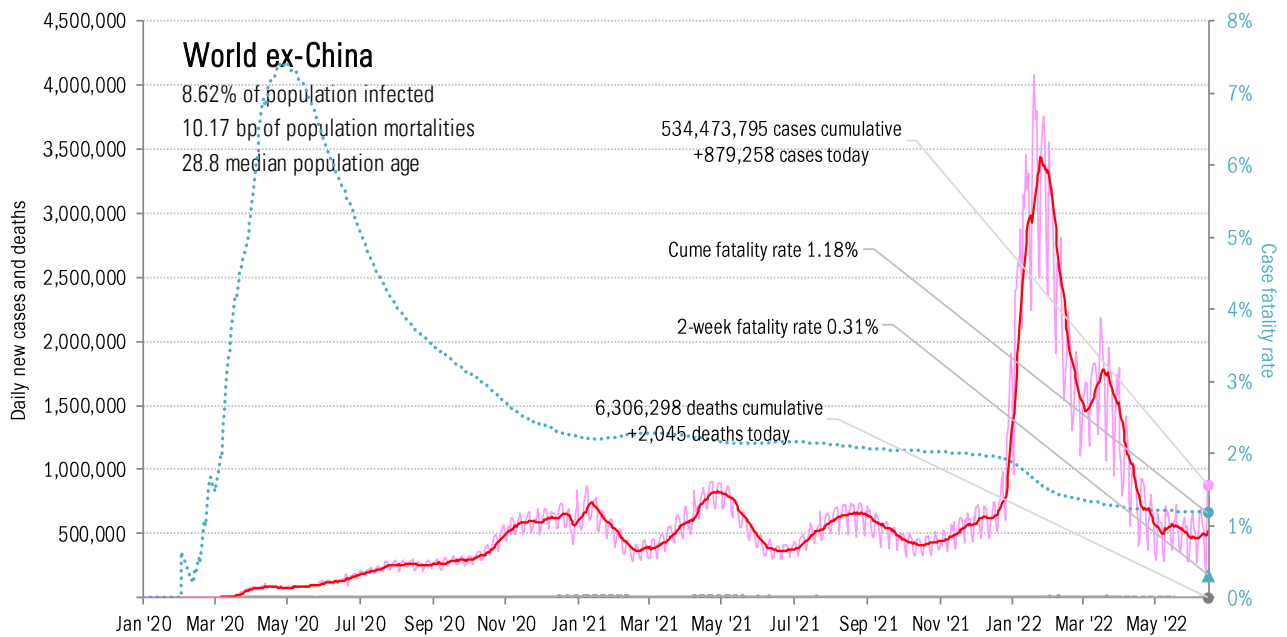
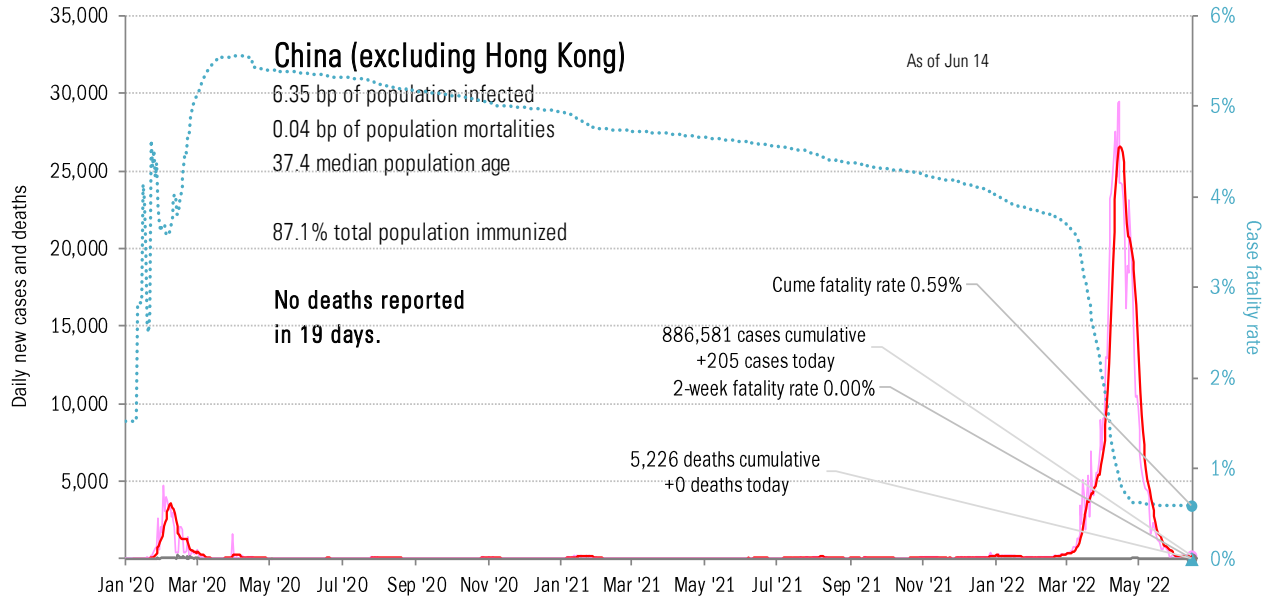
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

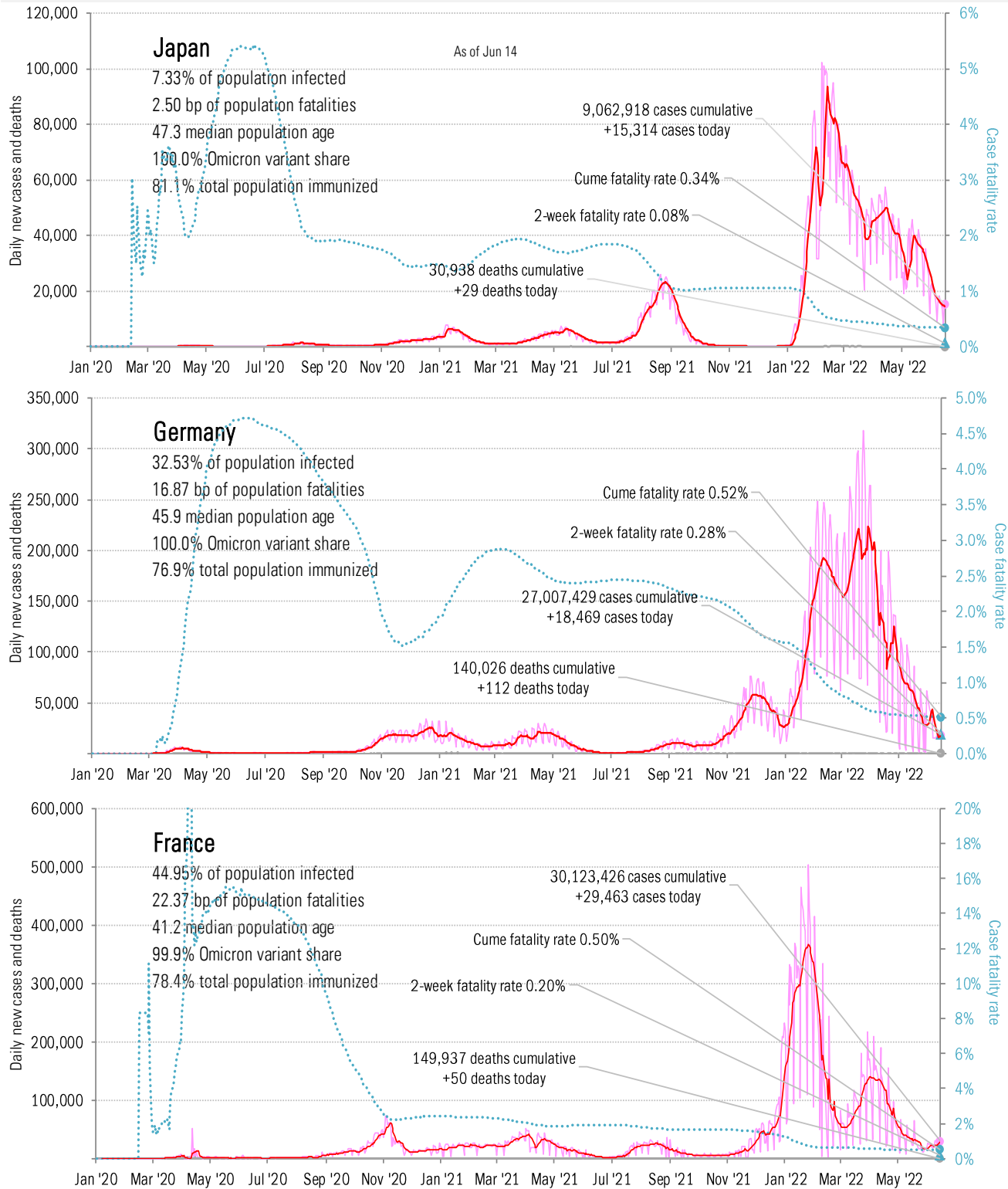
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the largest economies

Cases: 7-day average and daily Deaths: Daily

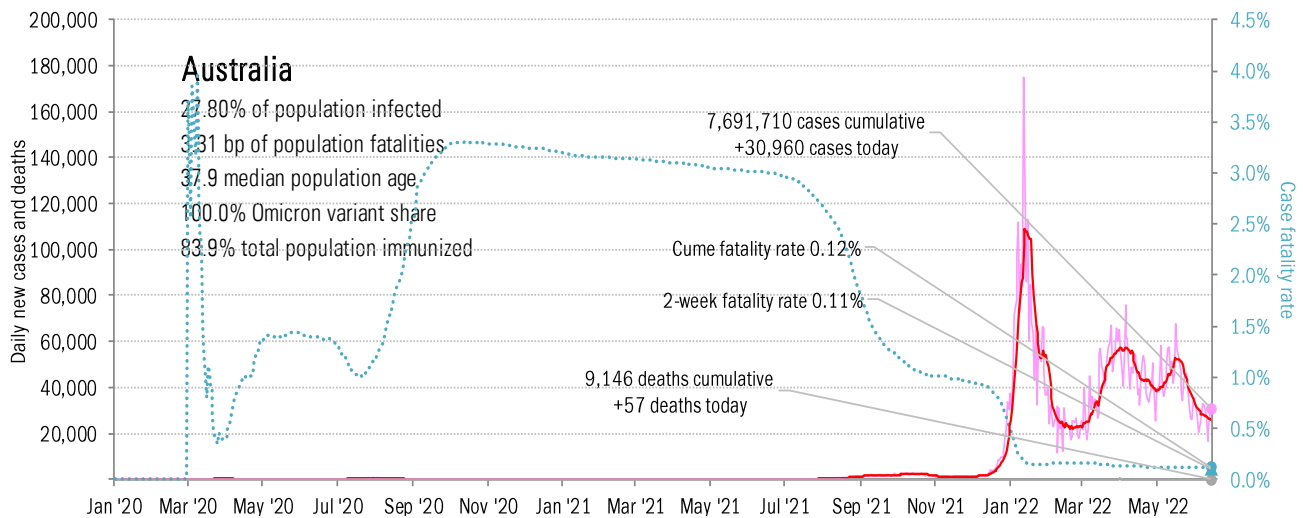
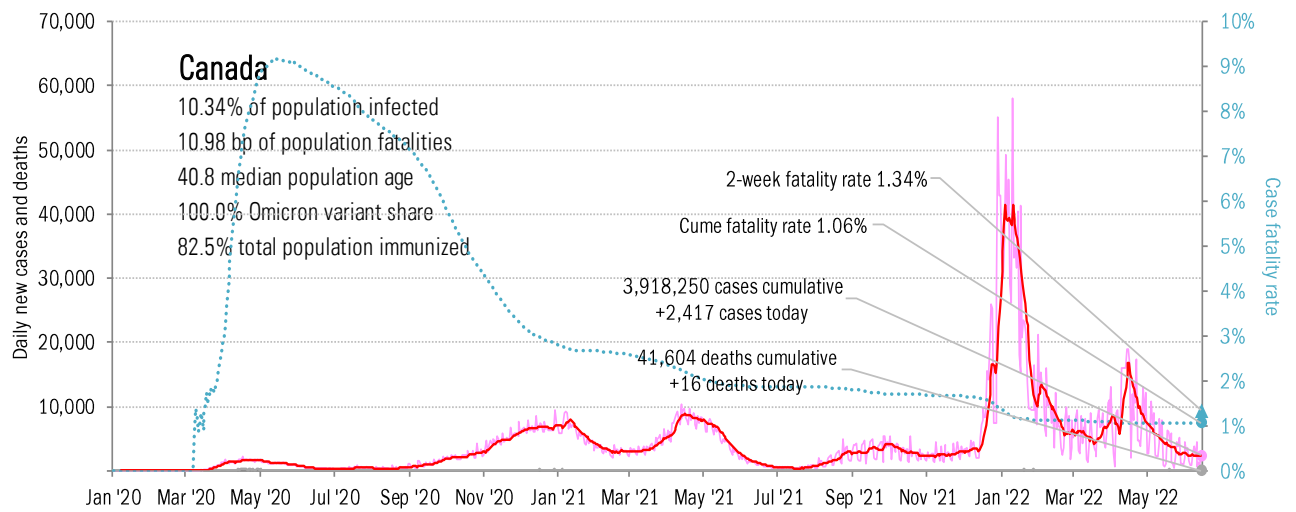
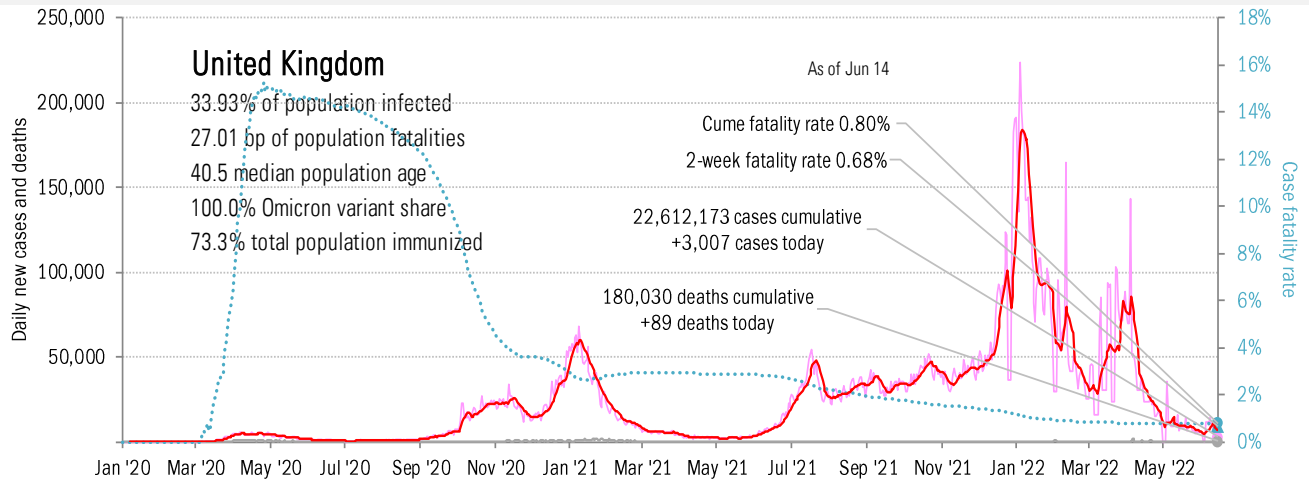


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in The Anglosphere

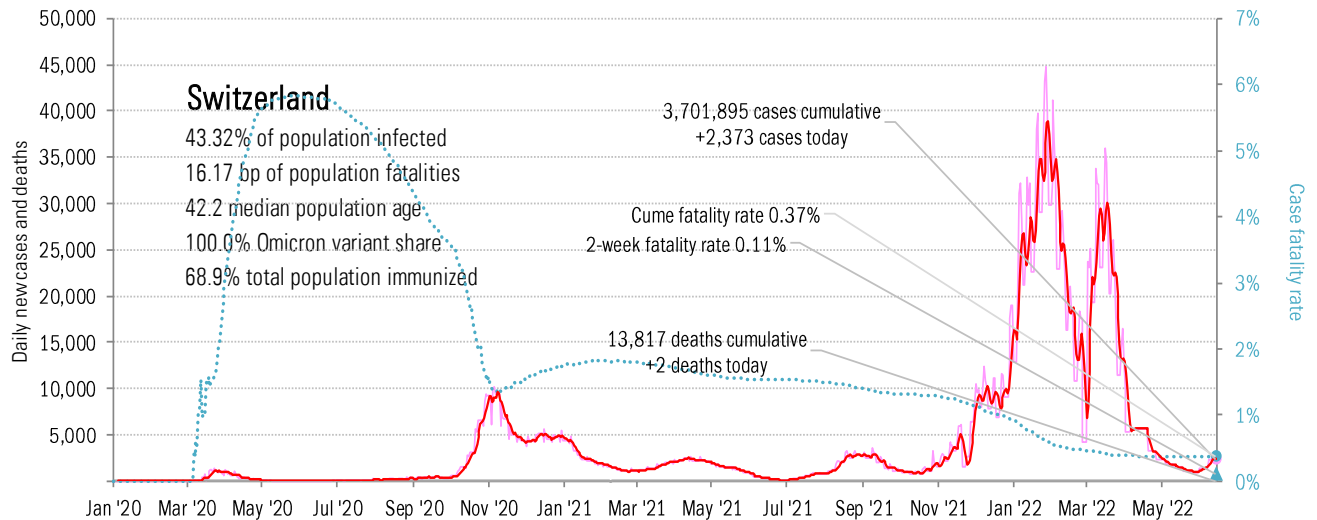
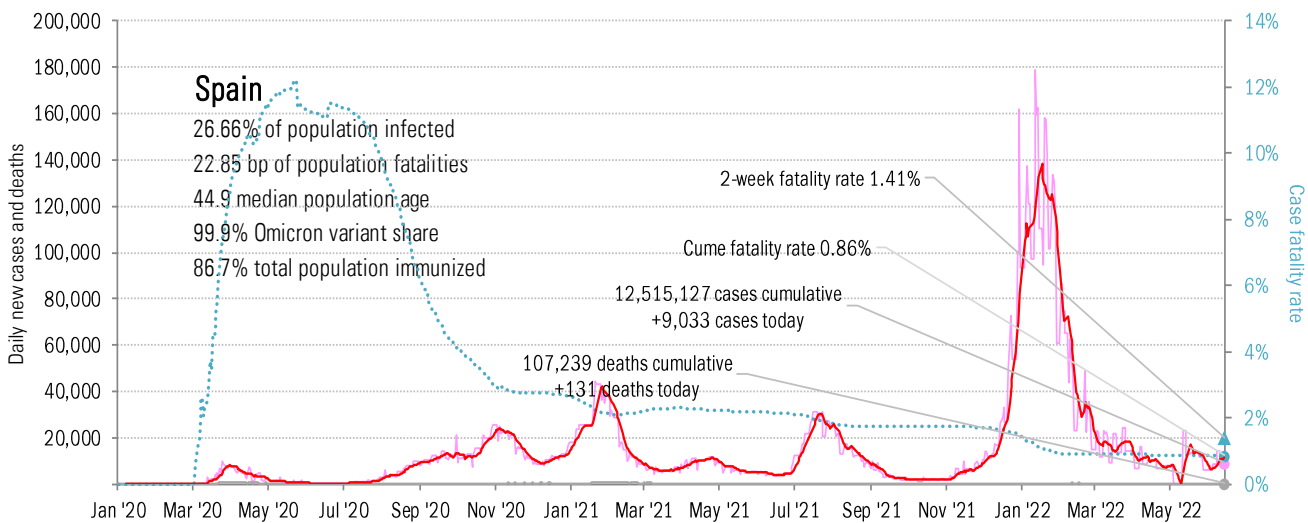
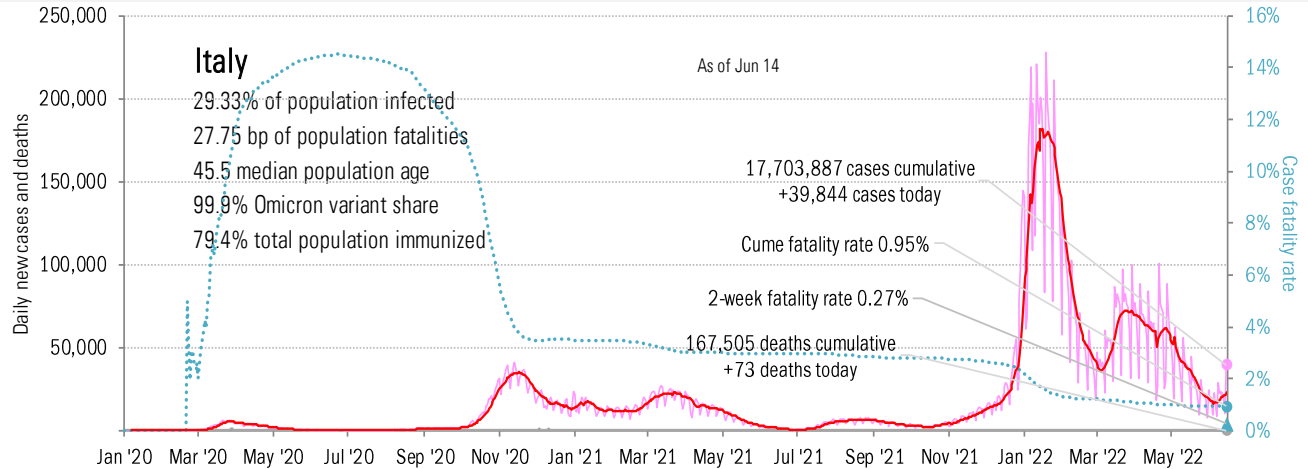
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

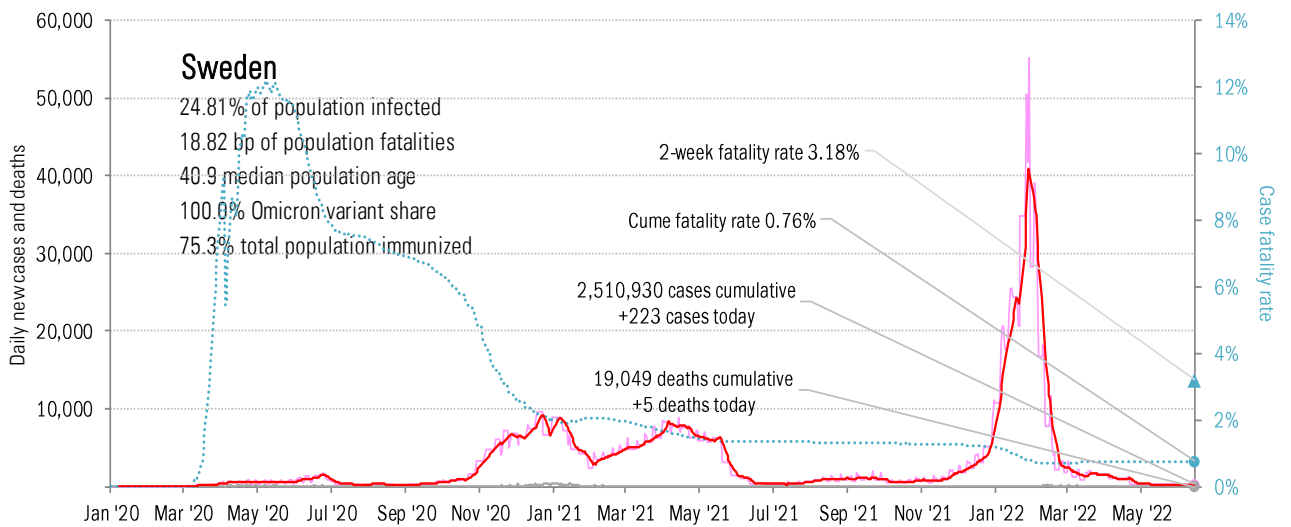
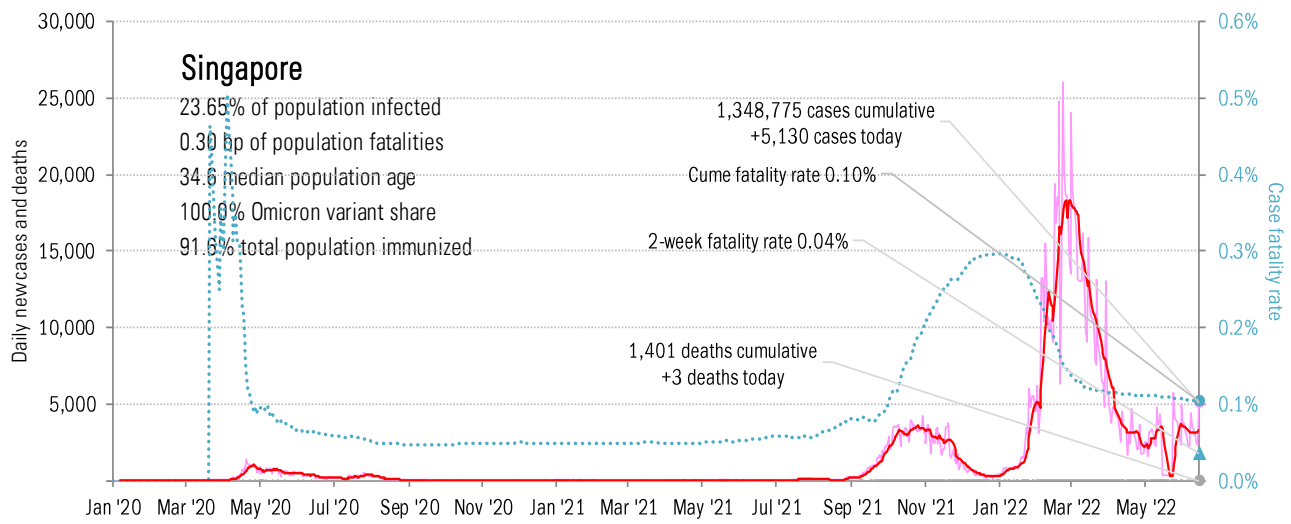
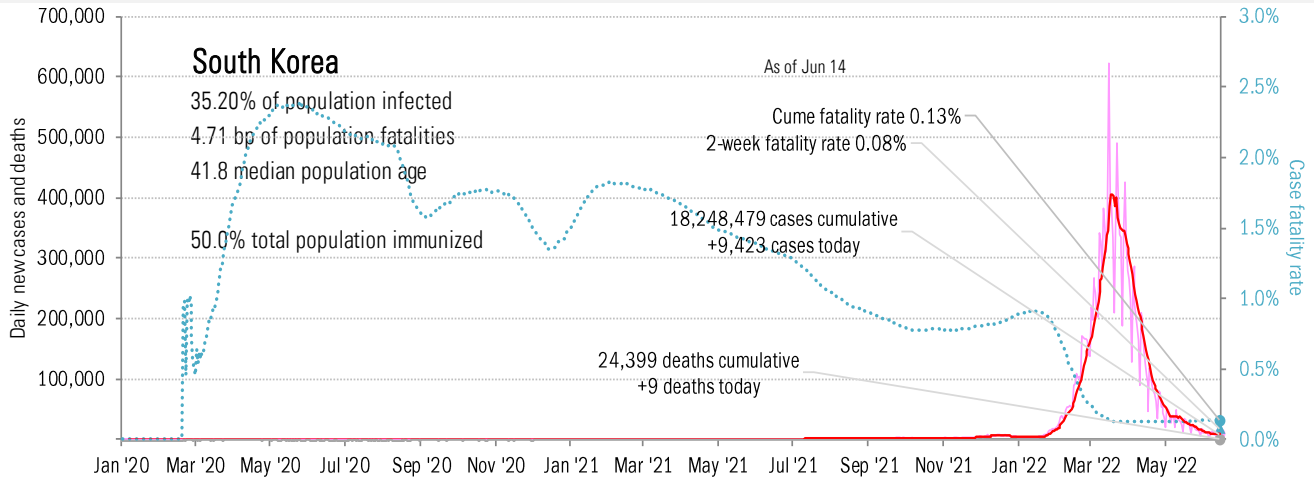
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

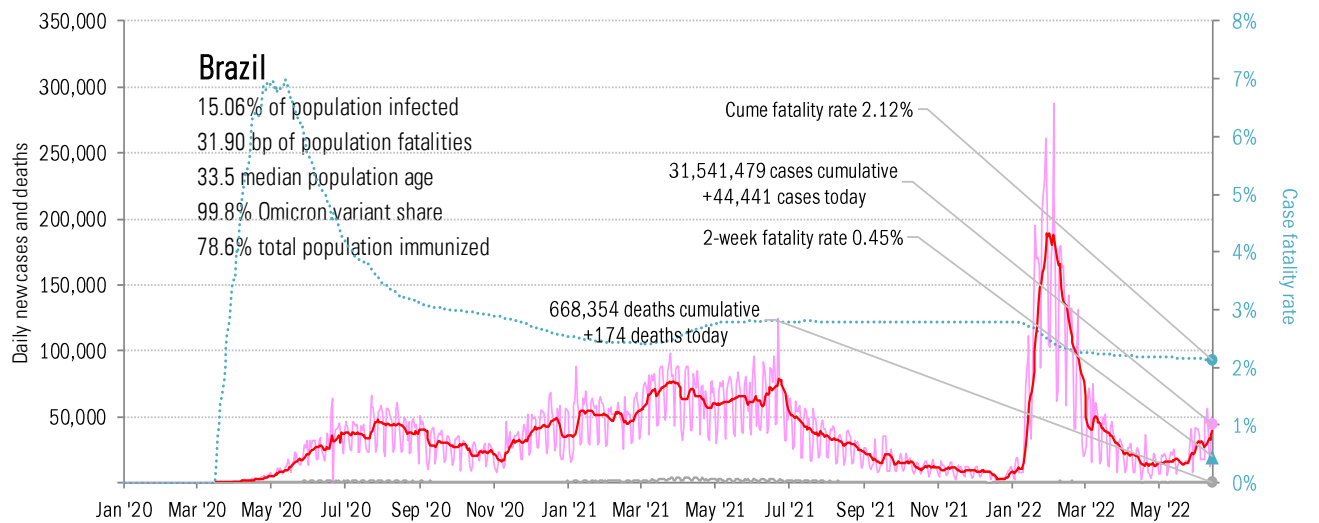
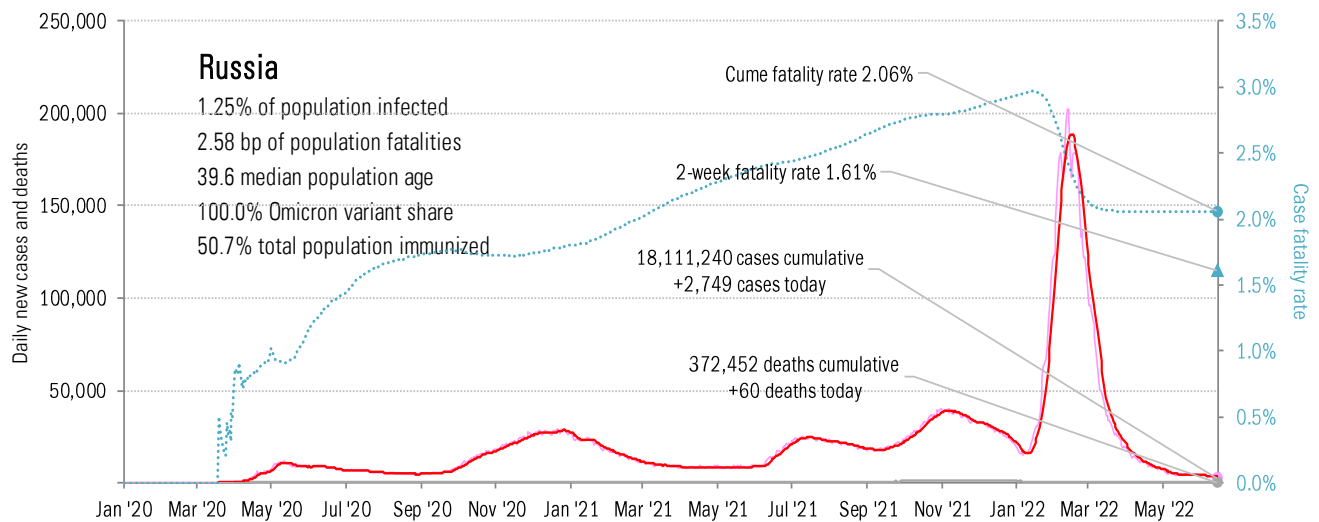
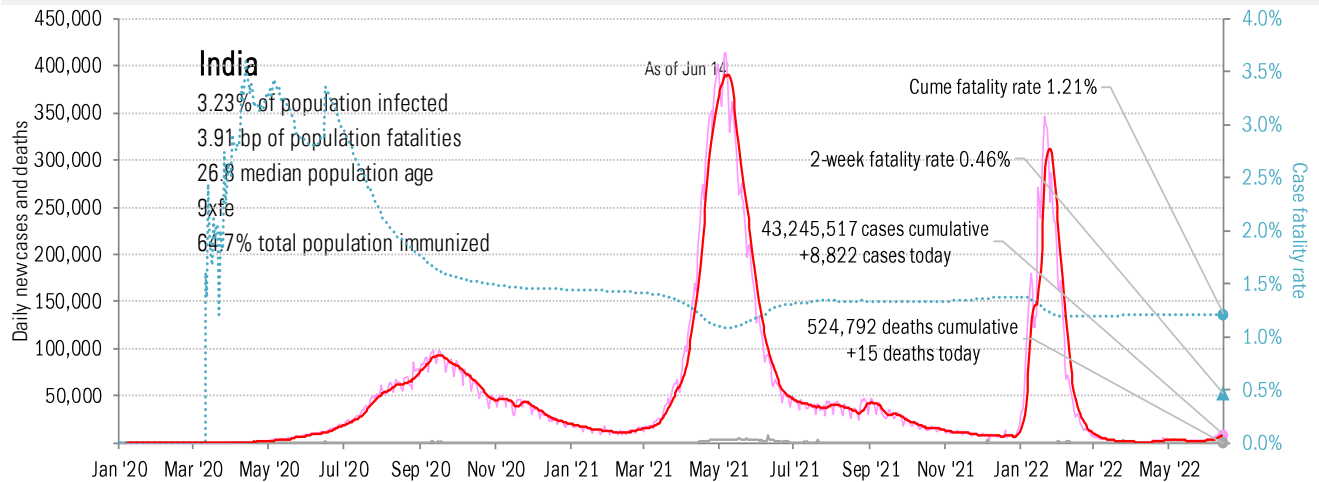
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

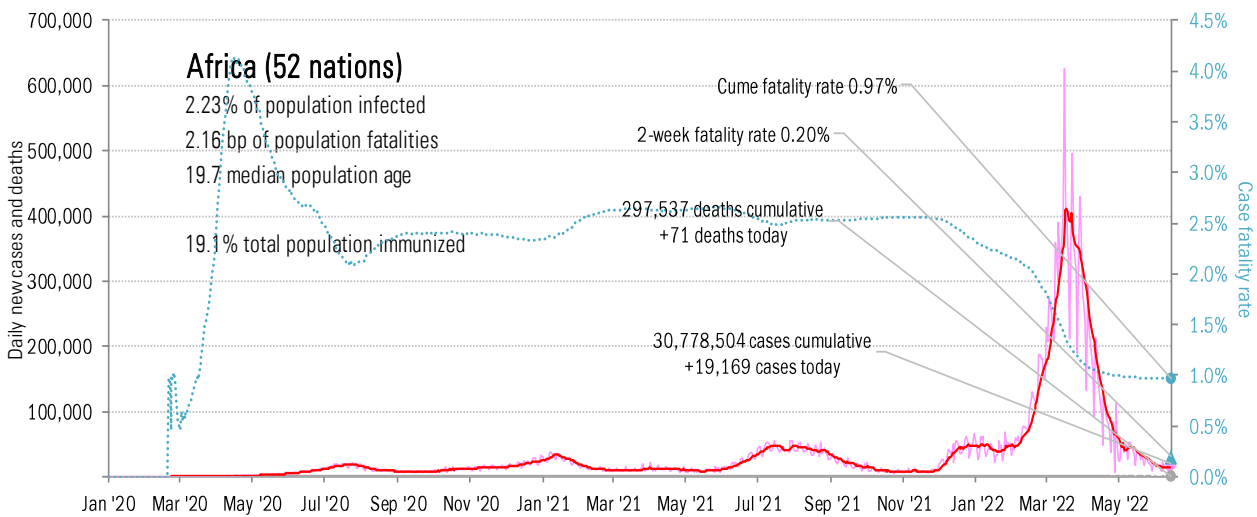
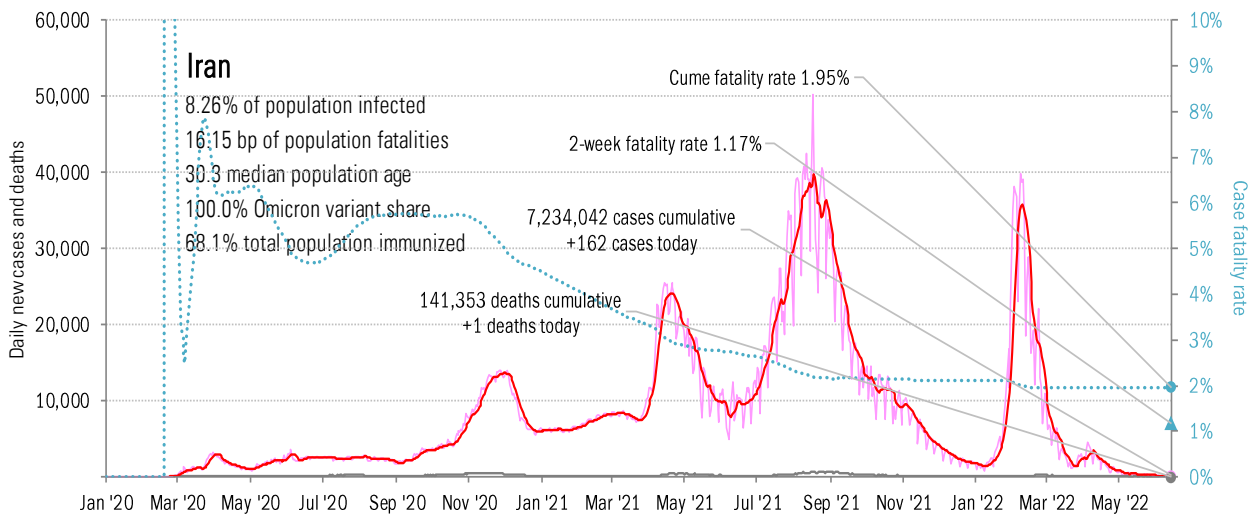
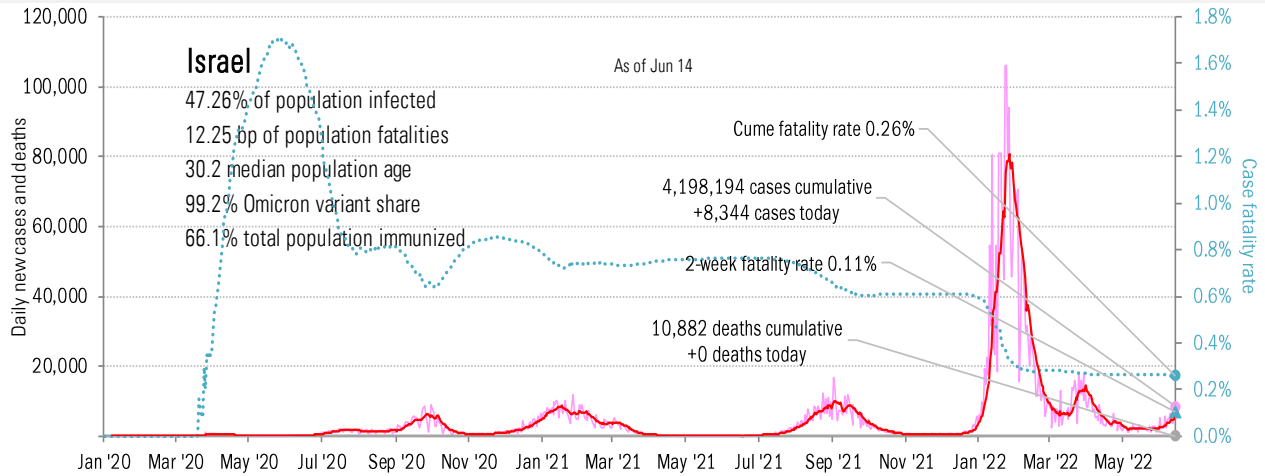
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

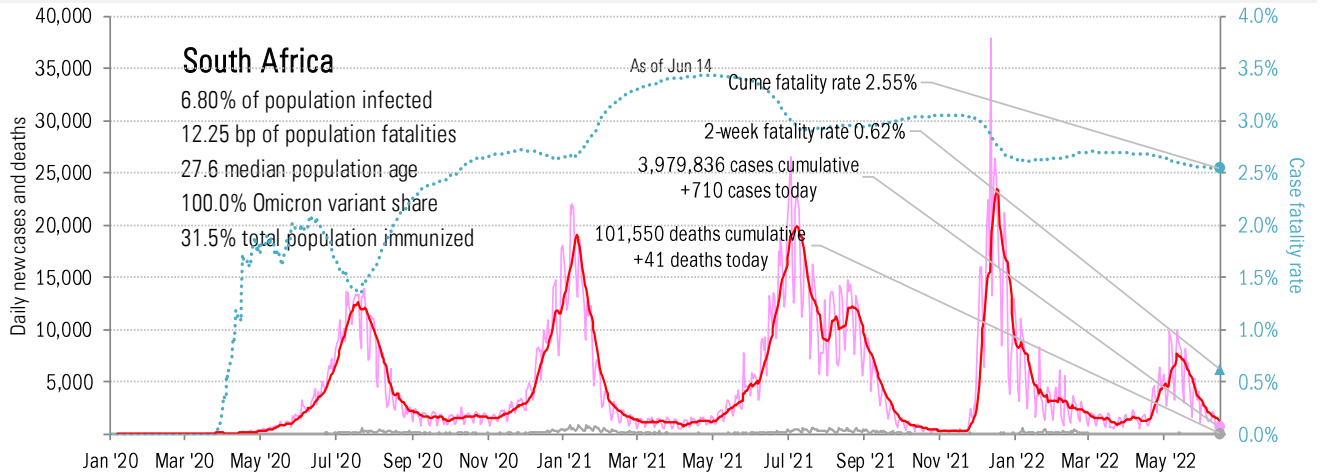
Cases: 7-day average and daily Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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