

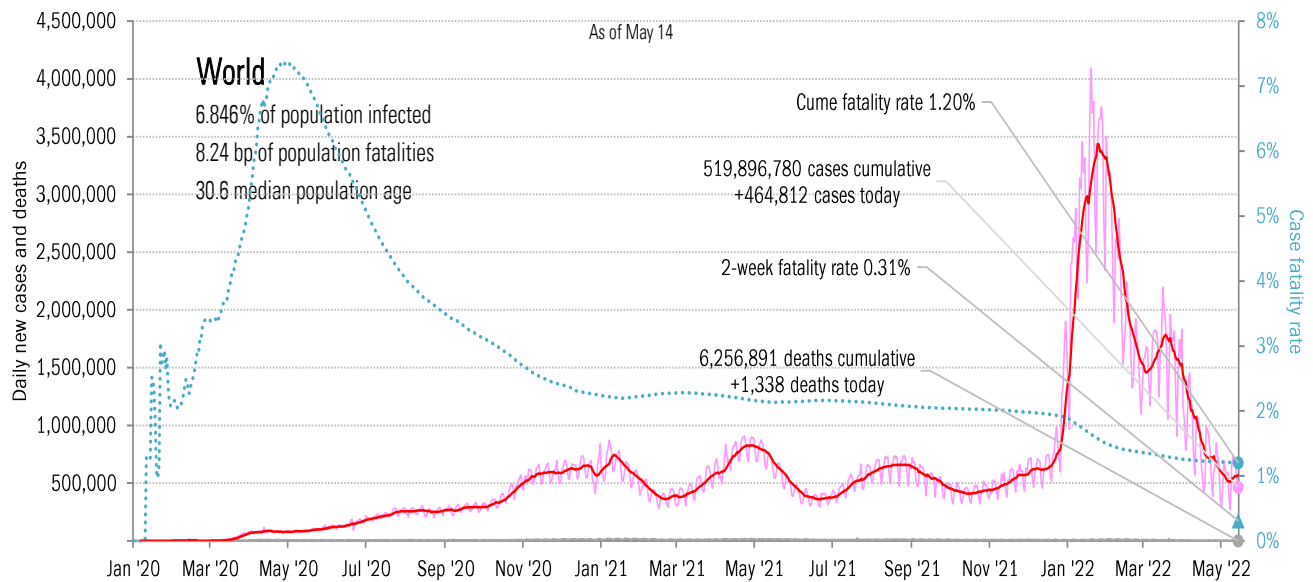
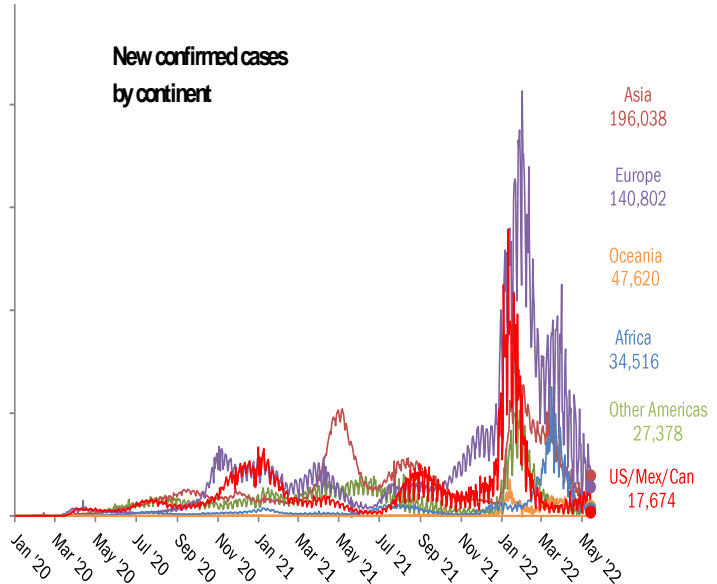
Data Insights: Covid-2019 Monitor

Sunday, May 15, 2022

The global scorecard

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

The worst ten countries			
New cases		New Deaths	
Taiwan*	128,954	United States	519
Portugal	51,234	Russia	106
Australia	41,698	Brazil	92
Japan	39,330	Italy	91
Italy	36,334	Taiwan*	81
France	30,459	Portugal	55
Korea, South	25,434	Thailand	51
Brazil	17,355	Korea, South	48
United States	16,876	Japan	30
South Africa	8,015	Australia	25
395,689		1,098	
World	464,812	World	1,338
Top ten	85%	Top ten	82%



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

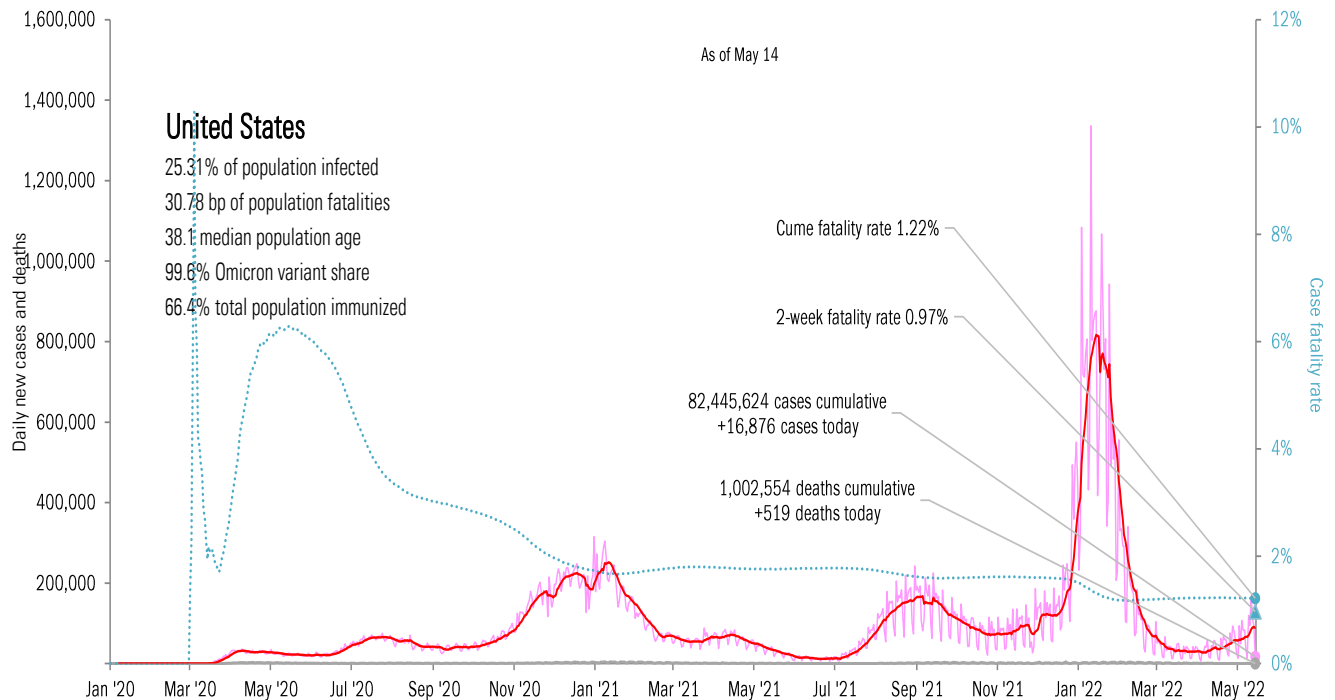
New cases			New deaths			New in hospital			Curre cases			Curre deaths			Curre in hospital			Hospital use		ICU use	
NJ	5,167		NY	14		WA	119		CA	9,349,673		CA	90,780		TX	491,747		RI	93%	VT	85%
FR	4,322		FL	13		FL	295		TX	6,870,941		TX	88,248		CA	429,587		MA	86%	RI	83%
TX	2,781		TX	8		IL	175		FL	6,008,714		FL	74,314		FL	420,102		MN	86%	TX	82%
VA						PA	176		NY	5,280,137		NY	68,617		NY	256,498		NH	84%	AL	82%
AK						NC	96		IL	3,209,341		PA	44,814		GA	208,286		MO	84%	WA	82%
OR						OH	125		PA	2,850,343		CH	38,550		CH	193,269		PA	83%	NM	82%
DC						CA	254		CH	2,724,041		GA	38,086		PA	179,087		DC	82%	DE	81%
ME	428		DC	1		TX	131		NC	2,691,805		MI	36,140		IL	160,324		MD	82%	NH	81%
AR	219		ME	1		MI	162		GA	2,530,918		IL	36,138		MI	144,284		DE	82%	MA	79%
KY	215		AK	0		LA	46		MI	2,472,596		NJ	33,543		KY	133,492		WA	81%	DC	79%
16,376			54			1,579			43,988,509			549,230			2,616,676						
All states	16,876			519			3,339		All states	82,445,624			1,002,554			4,751,166		All states	70%		67%
Top ten	97%			10%			47%		Top ten	53%			55%			55%		Median	75%		74%

US state case and fatality data distorted today due to revisions.

Some states not reporting

Five most improved US states

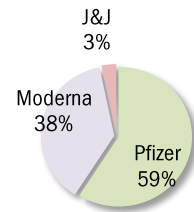
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most pop immunity growth	
CA	-22,519	CA	-138	NY	-281	AZ	+10 bp
IL	-8,411	FL	-129	VA	-30	DE	+10 bp
FL	-6,561	CT	-31	MN	-21	VT	+10 bp
WA	-6,352	KS	-28	MD	-19	AK	+0 bp
MA	-5,478	WA	-21	CA	-18	AL	+0 bp



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	596,745,628				+0.235 million	US	66.4%	77.7%
Boosters	44,574,711				+0.017 million	UK	73.0%	78.1%
	One dose	% Pop	Immune	% pop	New immune today	France	78.3%	80.6%
Total population	265,609,092	80%	226,878,323	68%	+0.031 million	Spain	86.6%	88.2%
Age 12 to 17	17,734,660	70%	15,178,565	60%	+0.002 million	Germany	76.8%	76.9%
Age 18 to 64	178,543,139	88%	151,894,802	75%	+0.015 million	Italy	79.4%	84.1%
Age 65 and over	58,958,185	100%	51,426,061	94%	+0.010 million	Australia	83.7%	86.5%
						Israel	66.1%	72.2%
						Canada	82.3%	85.9%
						Japan	80.7%	82.0%
						Africa	16.6%	21.8%
						India	62.7%	72.3%
						Brazil	77.2%	85.6%
						China	86.7%	89.1%



State

At least partial immunity as % population

Full immunity as % population

Best

Middle

Worst

AK
69.8%
62.5%

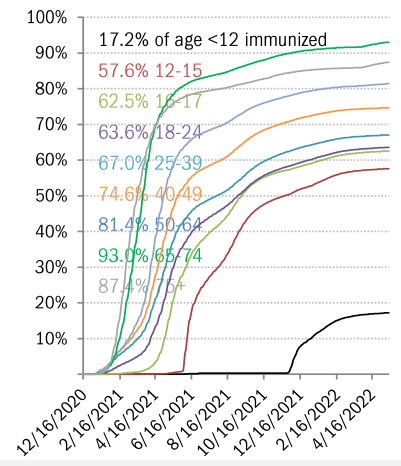
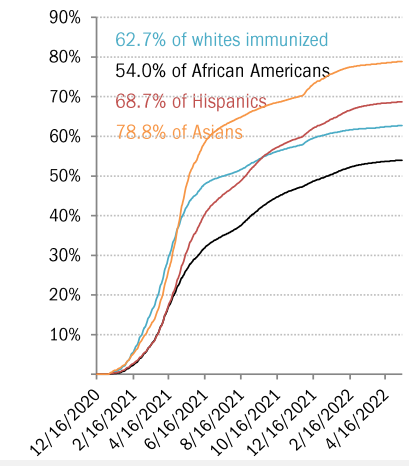
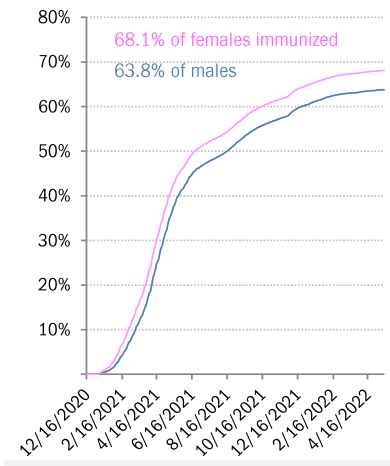
WI
72.0%
65.7%

ME
90.8%
79.8%

WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
81.0%	61.7%	65.4%	65.7%	75.2%	76.7%	67.1%		90.4%	93.8%	88.6%
72.7%	54.6%	56.9%	55.7%	69.3%	69.1%	60.3%		77.2%	81.4%	70.7%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
78.0%	75.4%	58.1%	76.8%	68.1%	61.6%	63.7%	85.2%	90.6%	95.0%	
69.8%	61.0%	51.0%	61.8%	62.1%	54.9%	58.8%	68.7%	75.8%	79.3%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
82.3%	72.2%	79.5%	70.4%	66.3%	66.3%	65.1%	85.9%	86.7%	95.0%	95.0%
72.4%	64.4%	70.4%	63.7%	56.2%	57.5%	57.7%	73.4%	75.8%	79.5%	82.8%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	73.3%	88.0%	74.7%	66.8%	62.3%	84.6%	67.8%	95.0%	83.4%	
	61.8%	71.3%	61.7%	54.6%	54.6%	61.5%	57.1%	77.9%	69.4%	
			OK	LA	MS	AL	GA			
			71.3%	61.1%	59.7%	62.8%	65.5%			
			57.4%	53.6%	51.9%	51.2%	54.9%			
			TX					FL		PR
			73.4%					79.5%		95.0%
			61.7%					67.2%		83.2%

HI
87.6%
78.4%

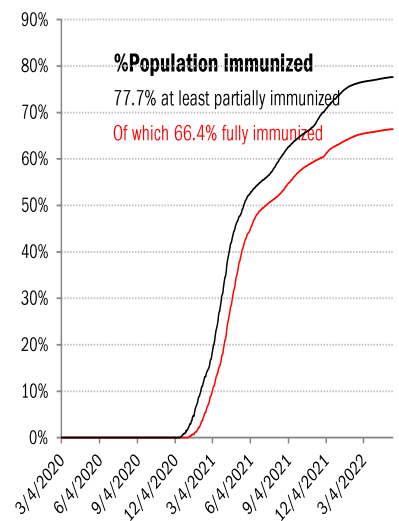
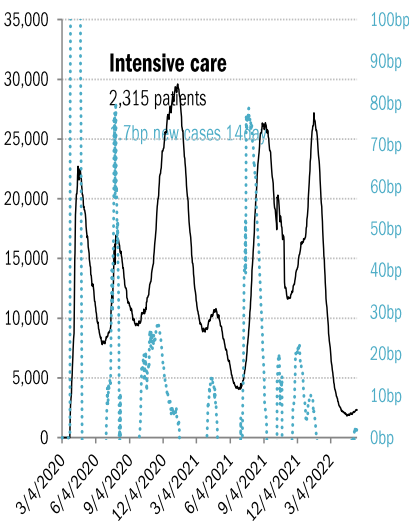
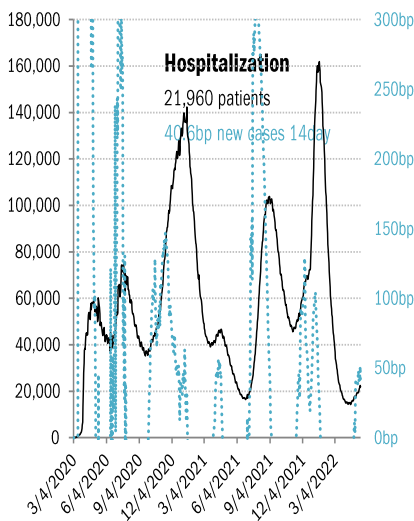
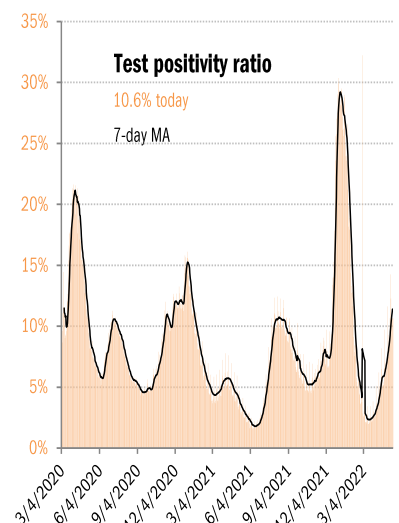
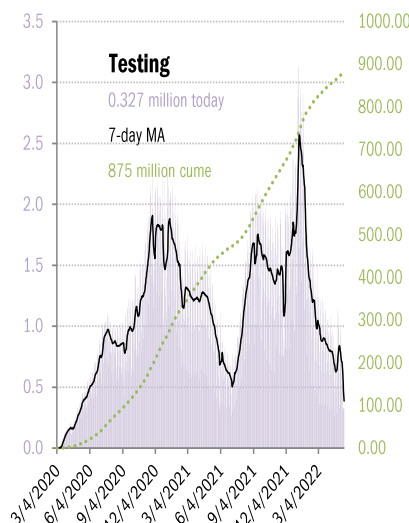
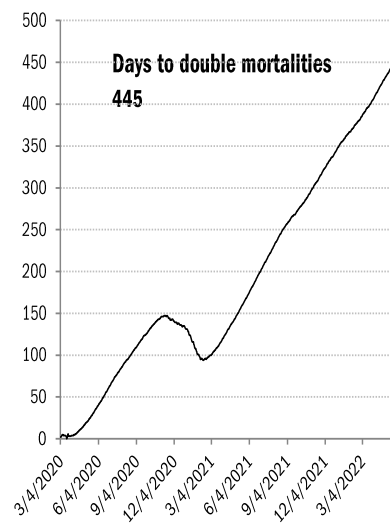
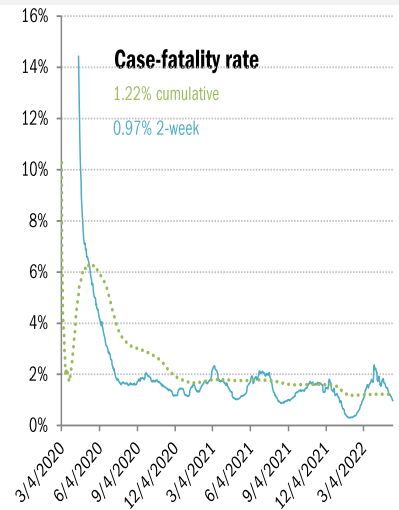
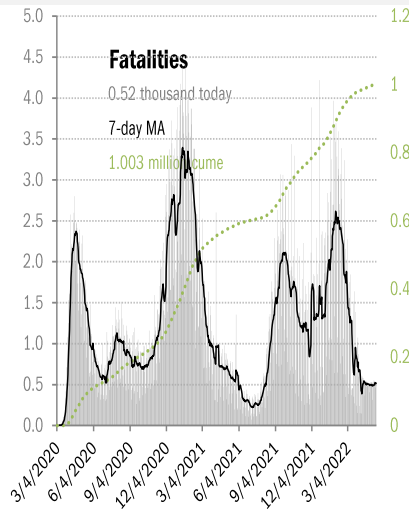
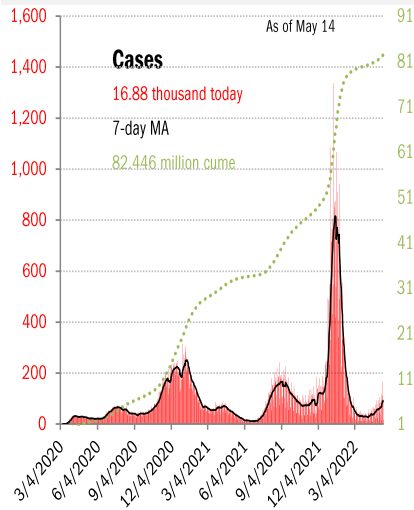
The demographics of US vaccination



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

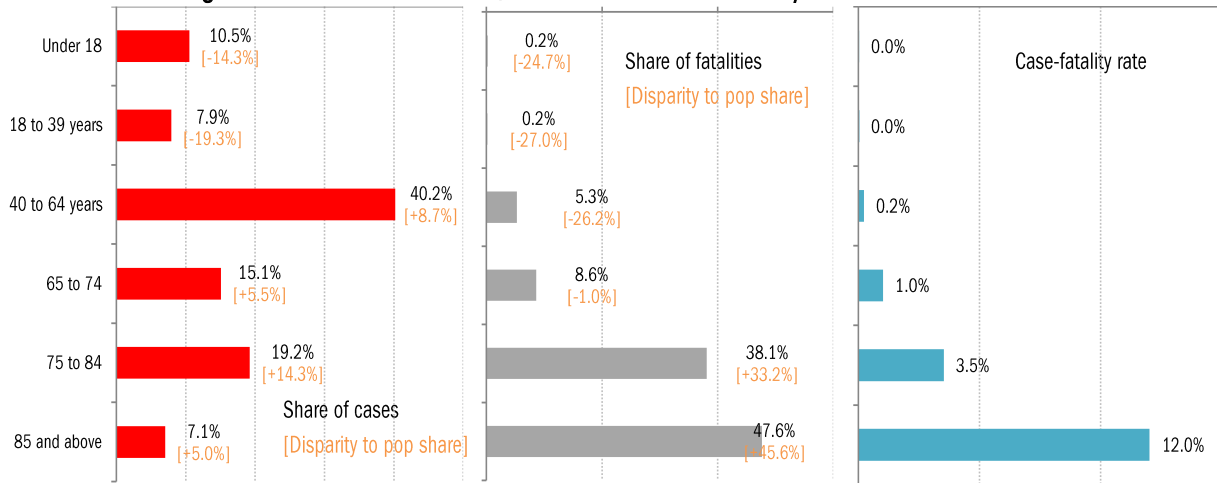
US deep-dive

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

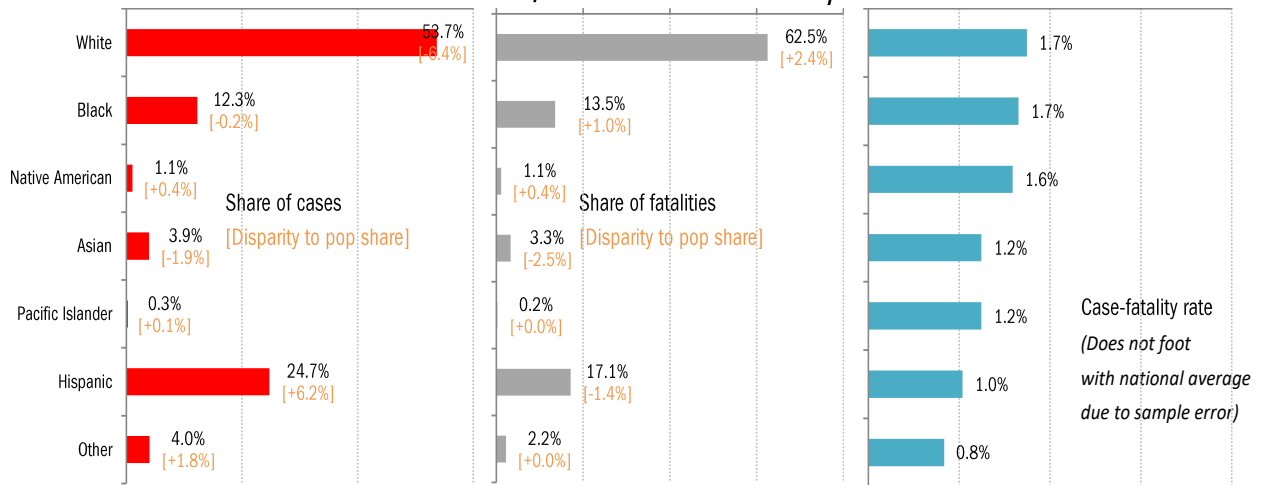


Source: [Johns Hopkins](#), [Covid Act Now](#), TrendMacro calculations

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

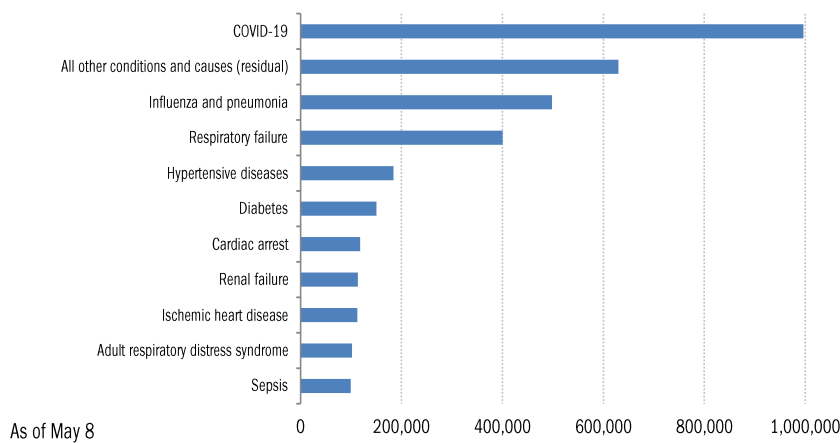


Racial distribution of US cases, fatalities and case-fatality rates



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

[WHO says China's zero-COVID strategy unsustainable](#)

Al Jazeera

May 10, 2022

[Woman is dragged away screaming from her home by Chinese officials in hazmat suits while her son tries to protect her as Covid lockdown intensifies](#)

Chris Pleasance

Daily Mail

May 10, 2022

['Failure of an American ideology': why Covid has an outsized impact on the US](#)

Eric Berger

The Guardian

May 15, 2022

[How America Lost One Million People](#)

Jeremy White, Amy Harmon, Danielle Ivory, Lauren Leatherby, Albert Sun and Sarah Almukhtar

New York Times

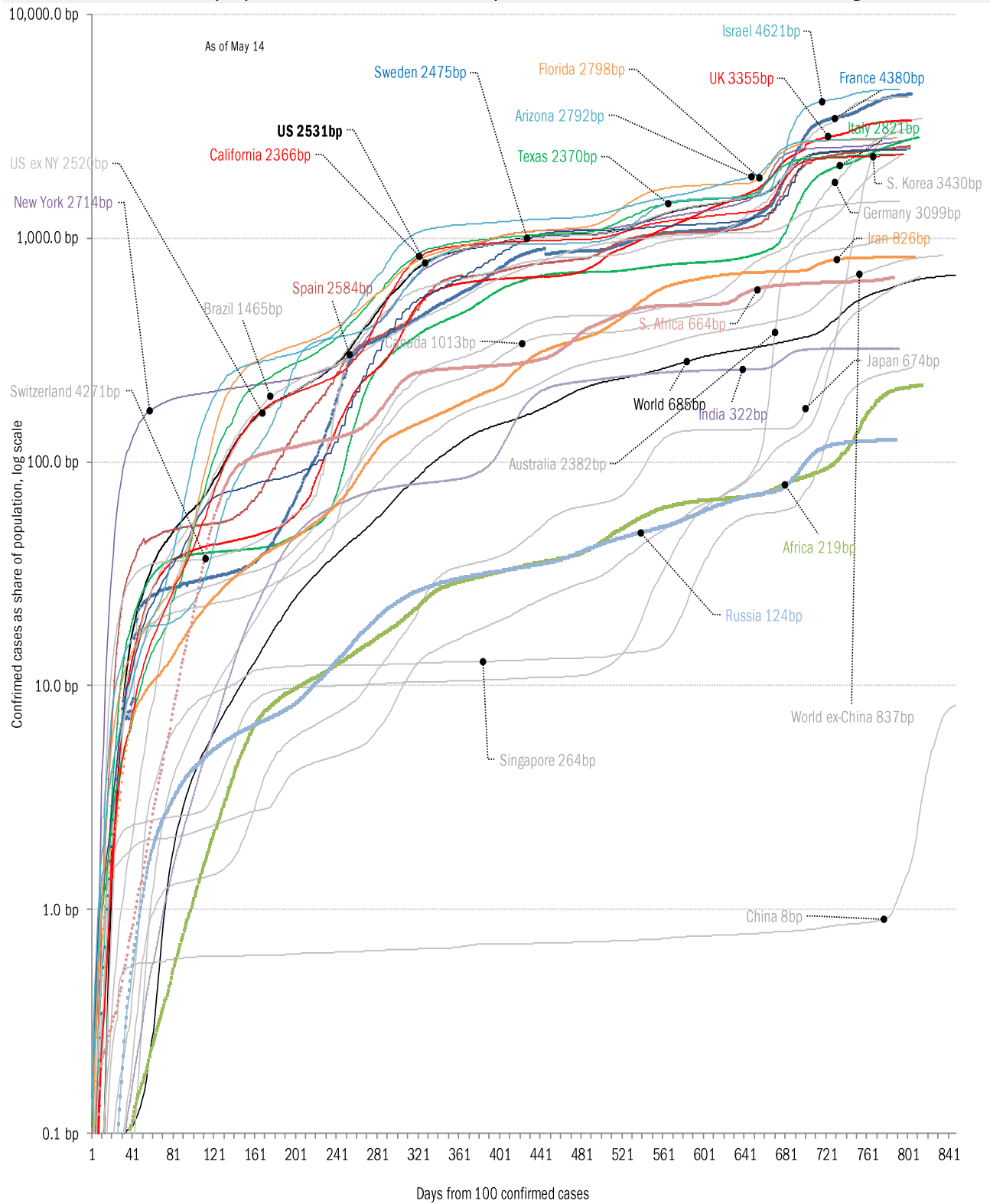
May 13, 2022

Meme of the day



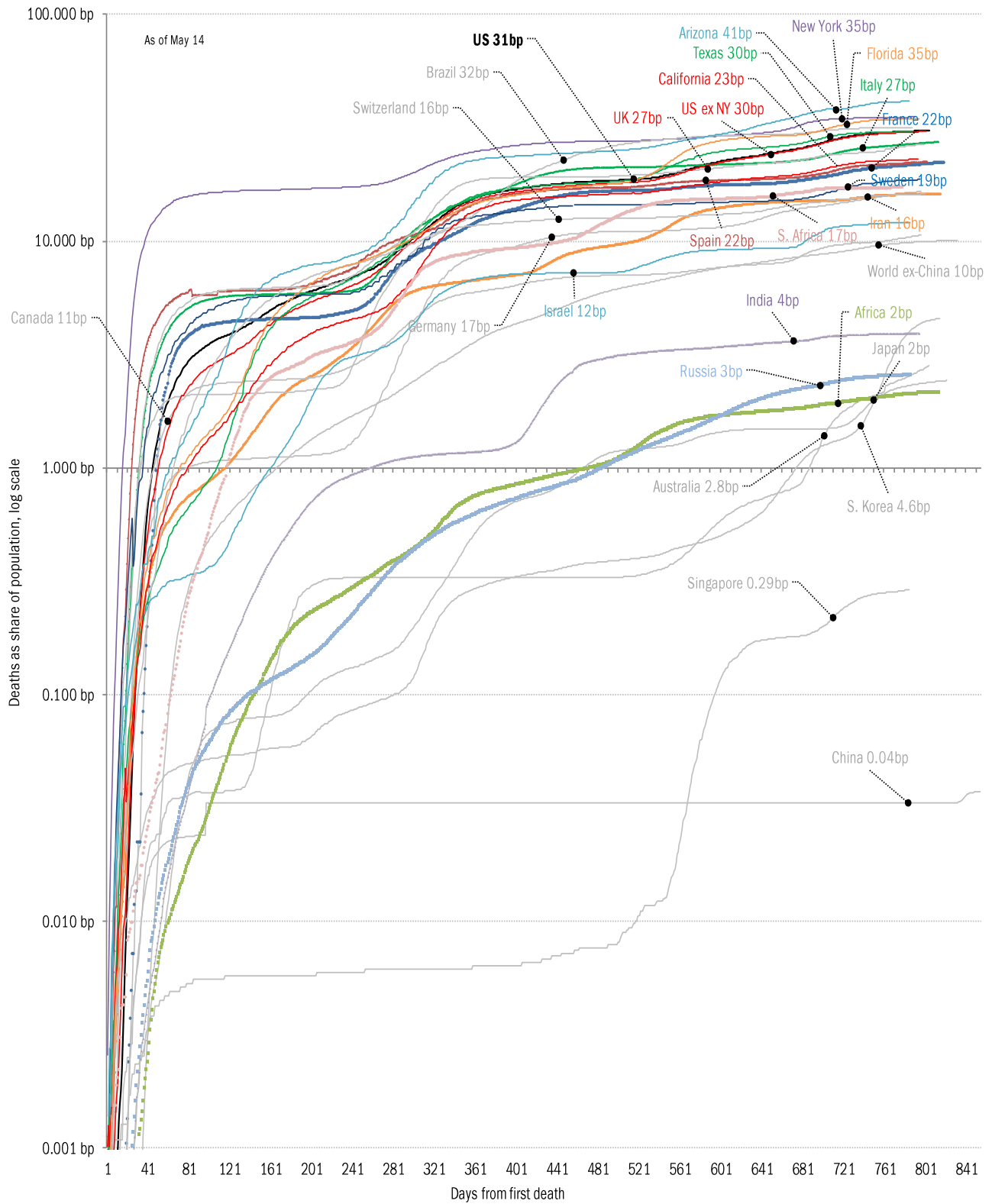
Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)

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

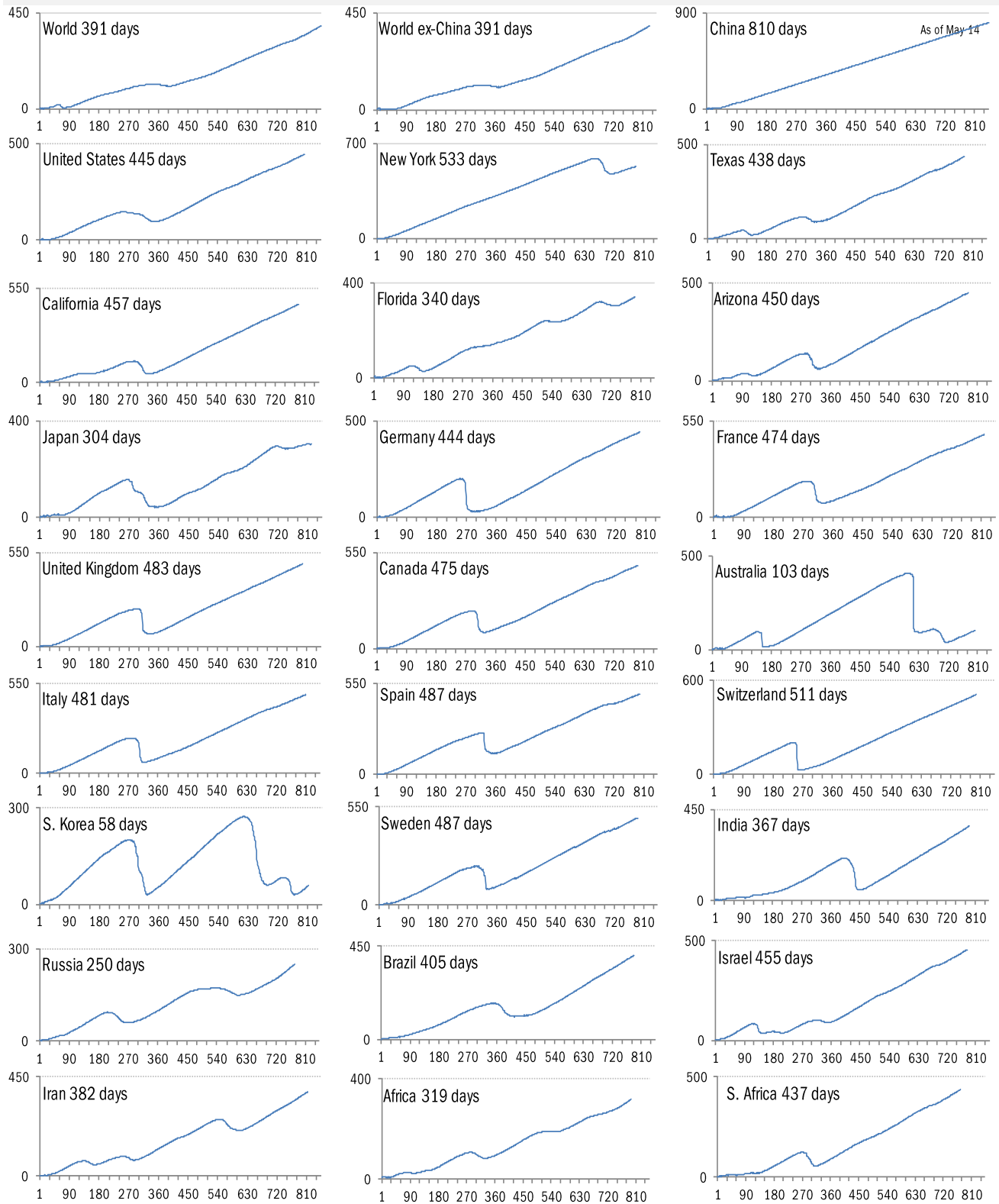


Source: [Johns Hopkins](#), TrendMacro calculations

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

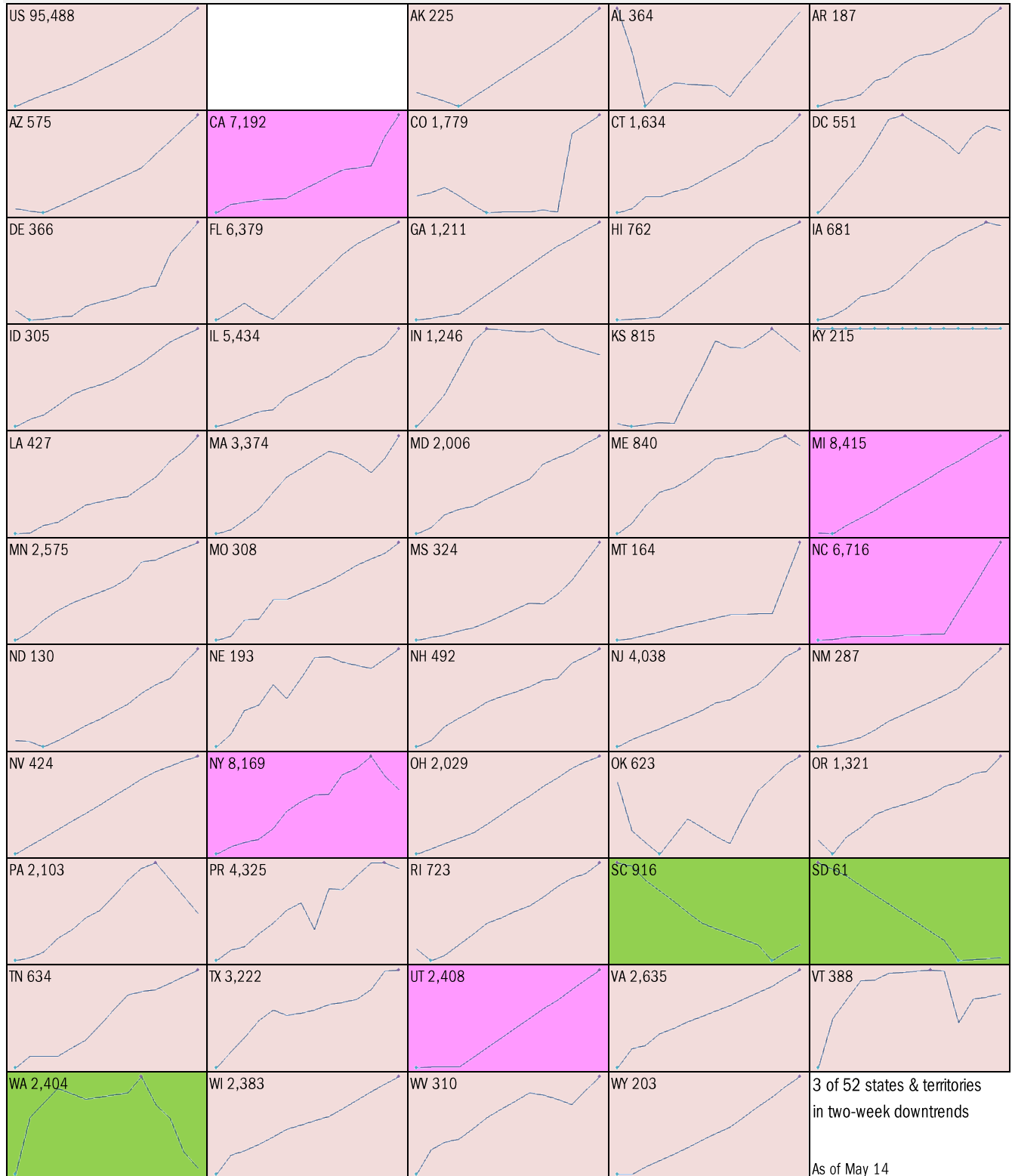


Source: [Johns Hopkins](#), TrendMacro calculations

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

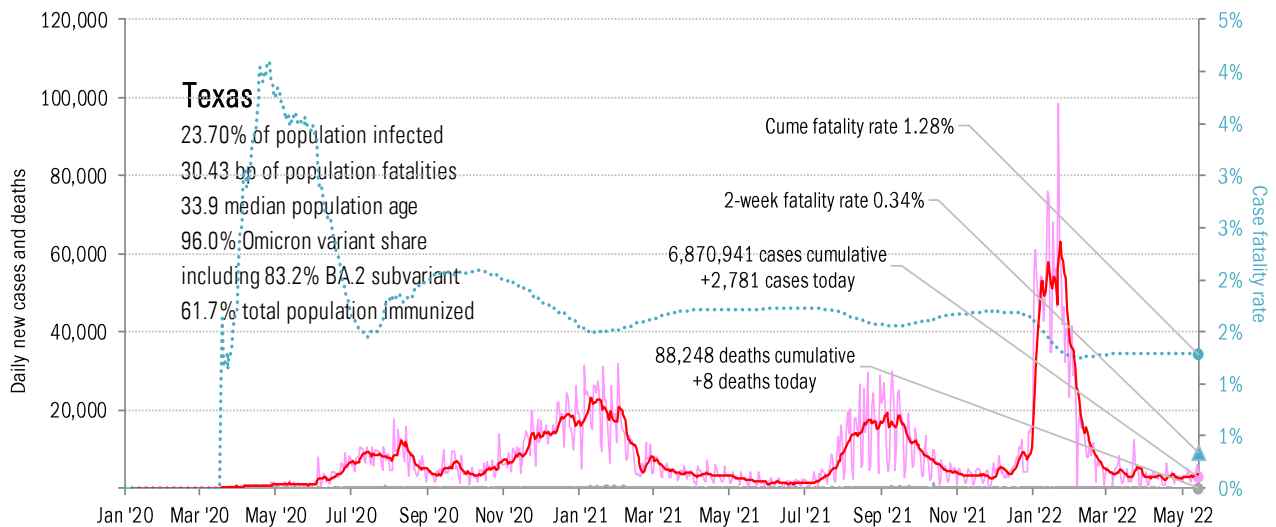
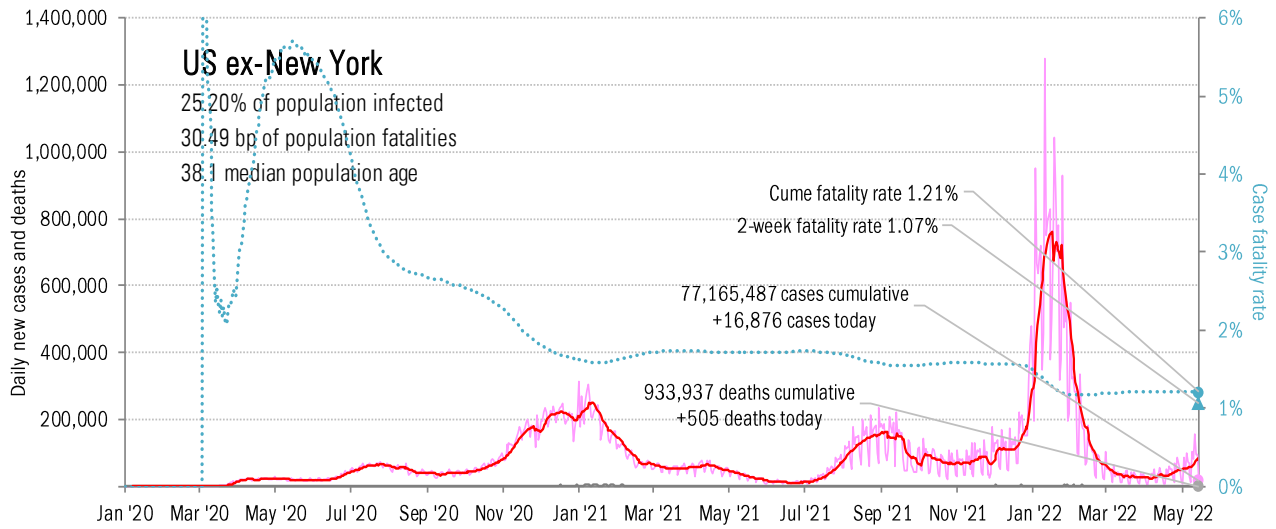
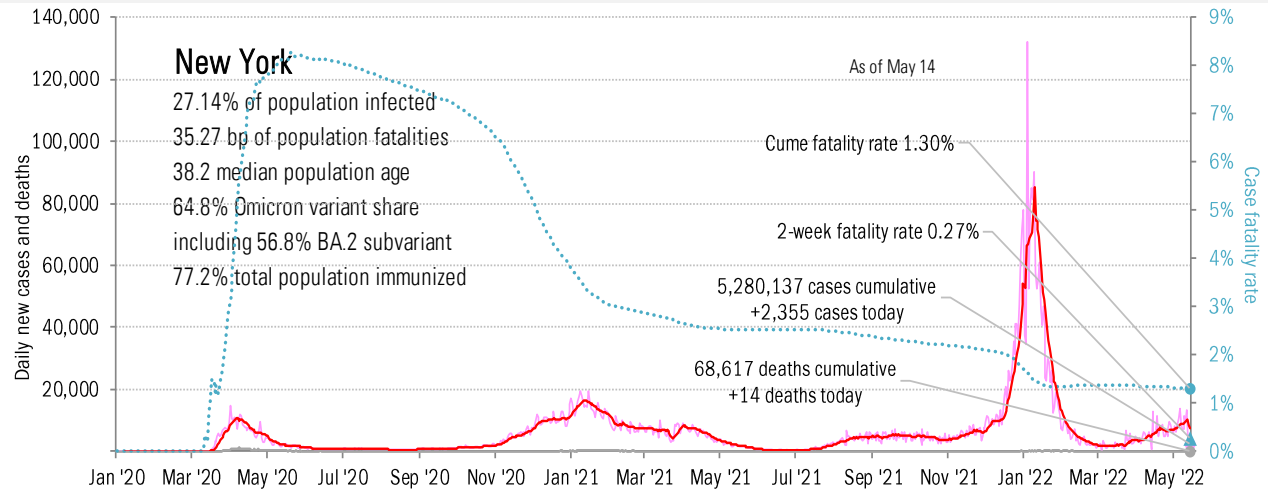
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

From Ground Zero to the Rio Grande

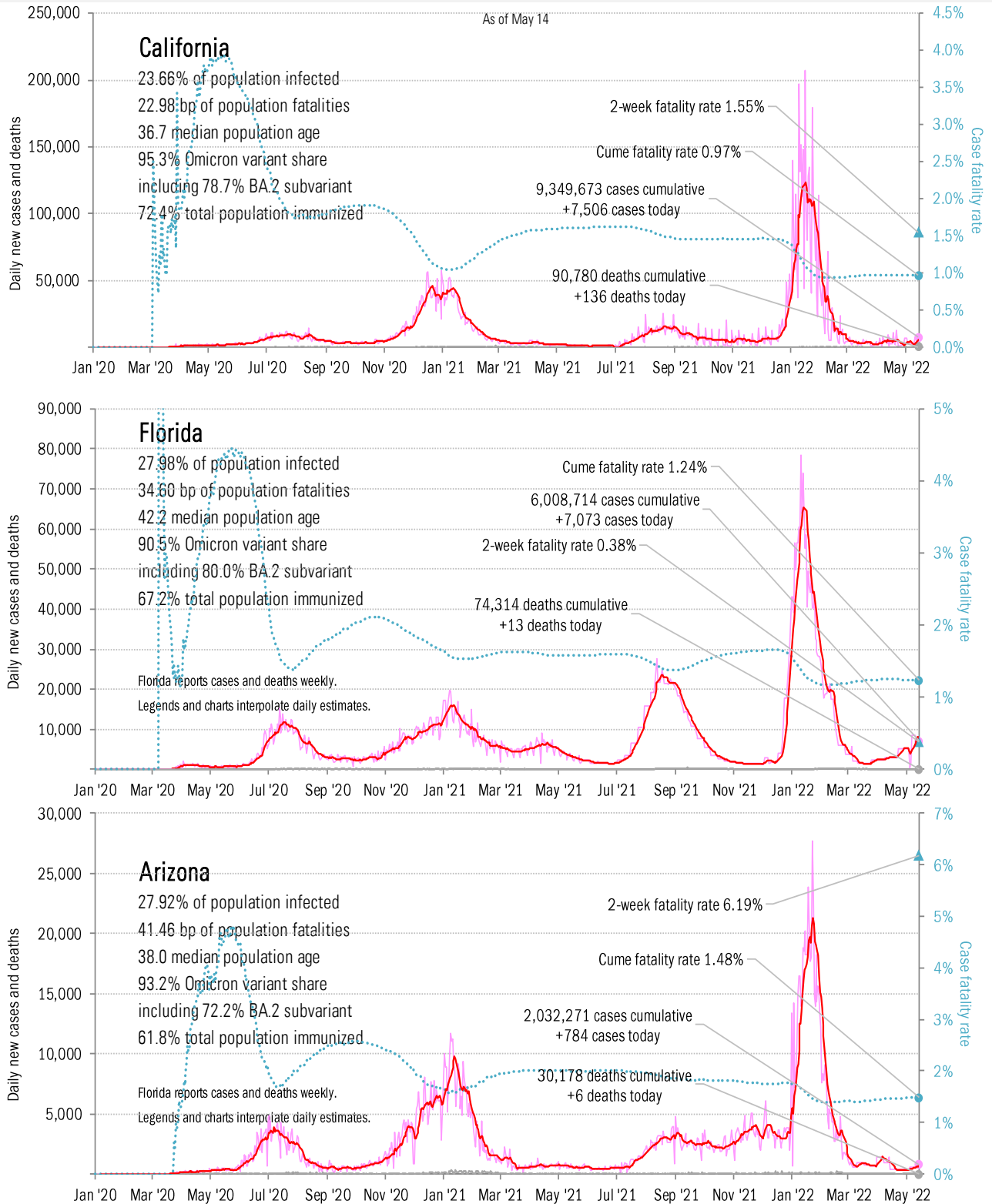
Cases: 7-day average and daily Deaths: Daily



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

The sun-belt hot-spot states

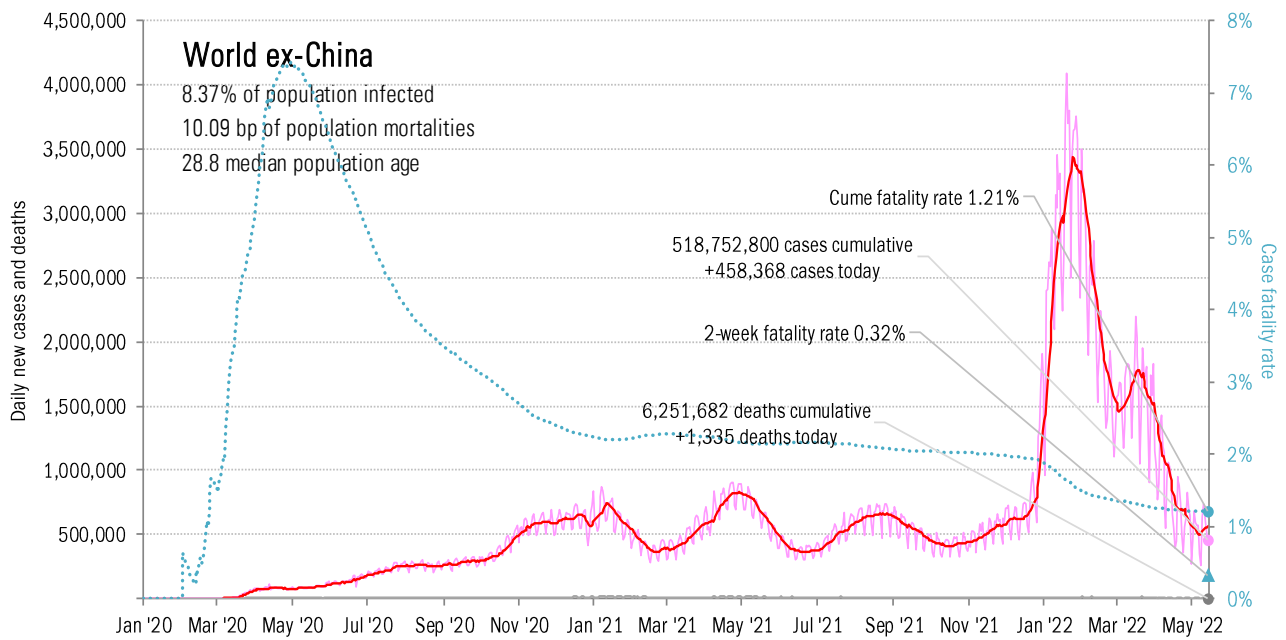
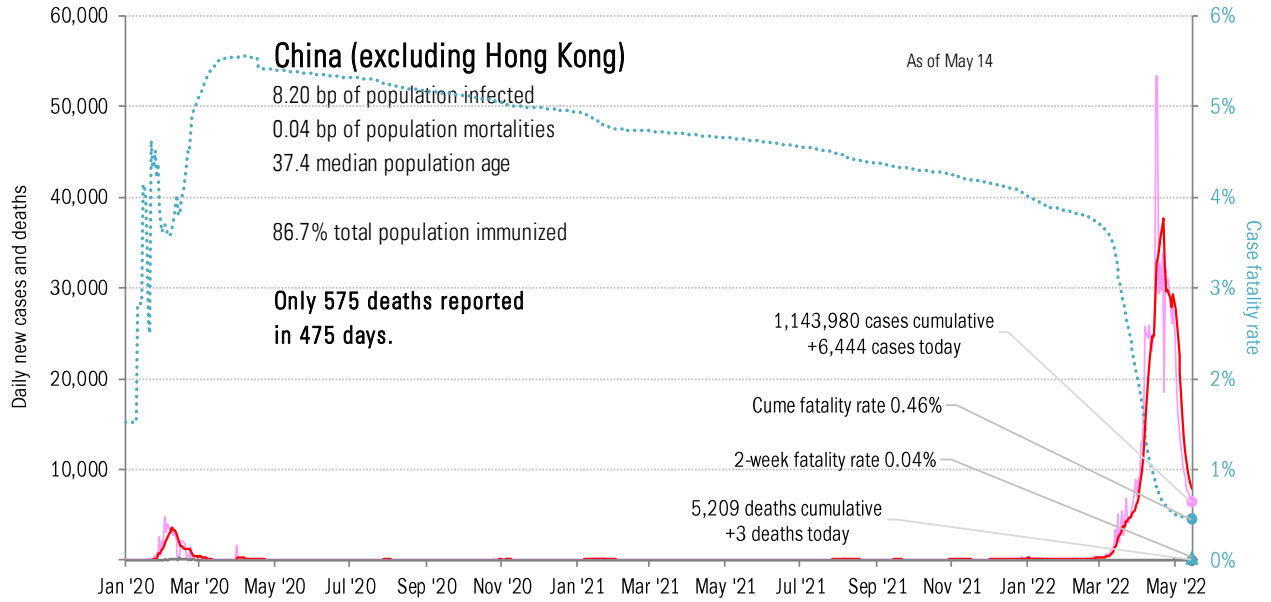
Cases: 7-day average and daily Deaths: Daily



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

Patient zero... and then everyone else

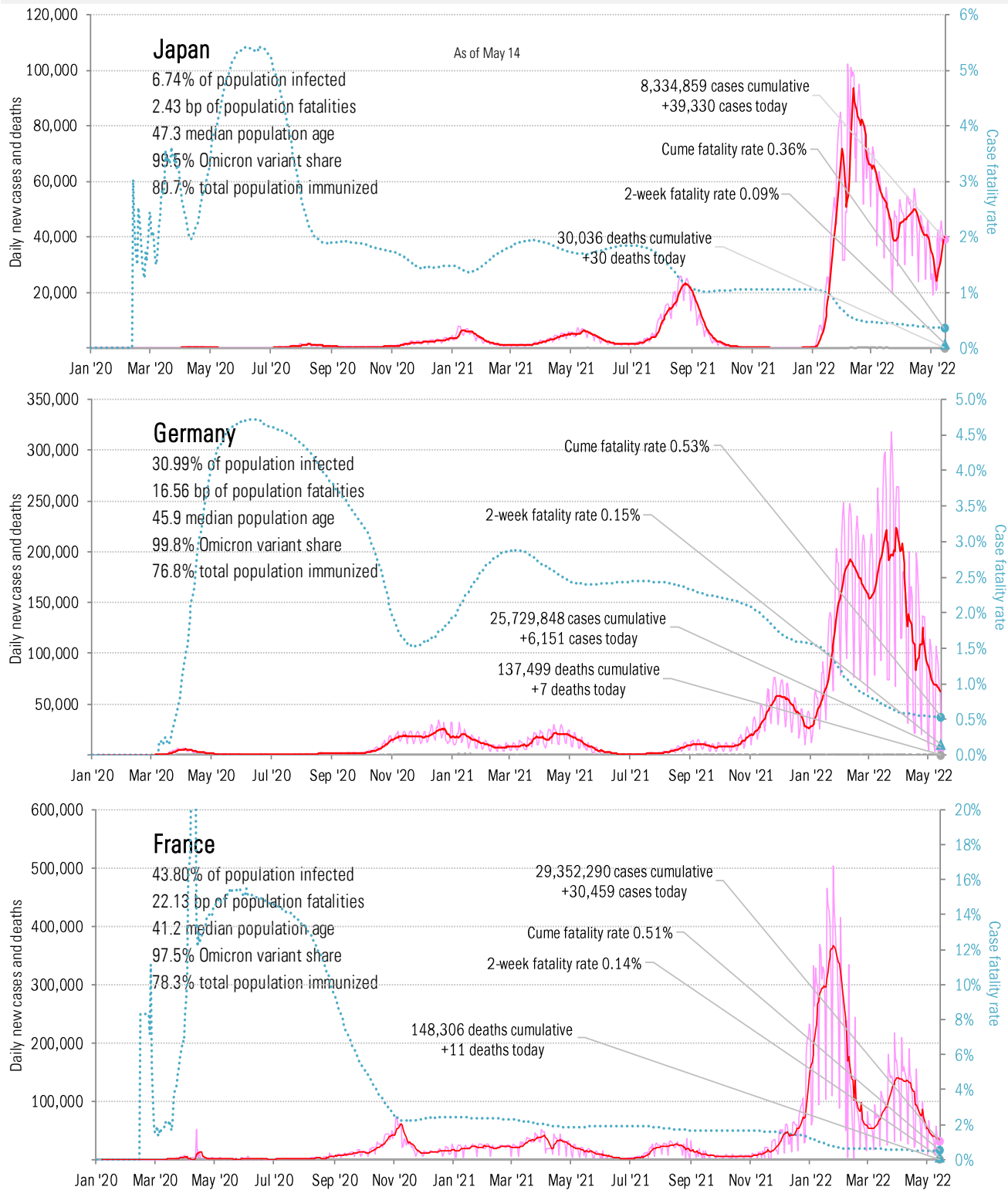
Cases: 7-day average and daily Deaths: Daily



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

Impact in the largest economies

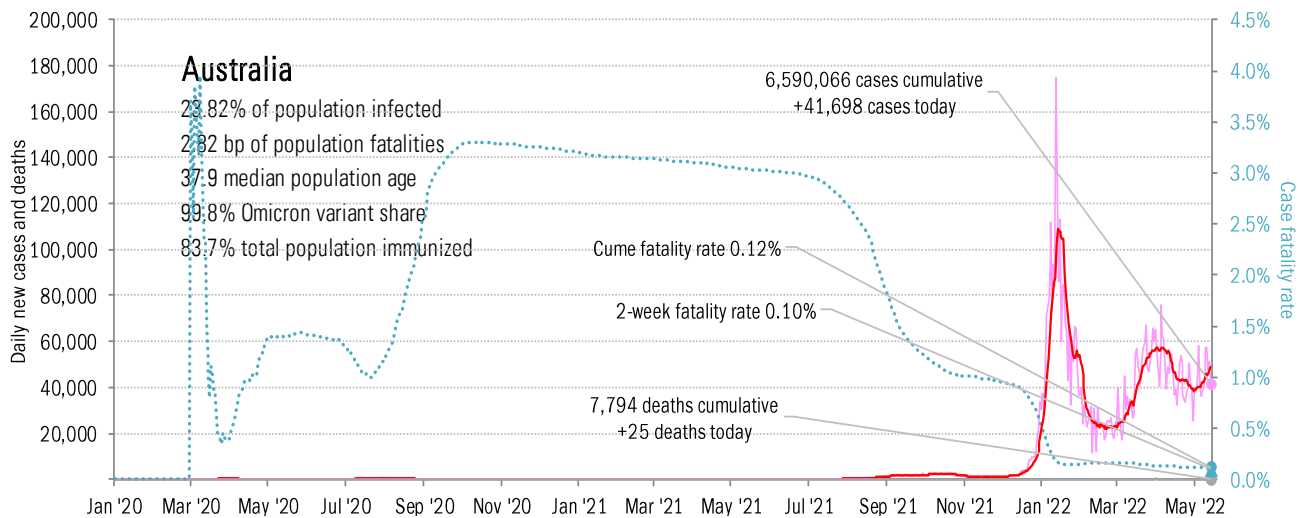
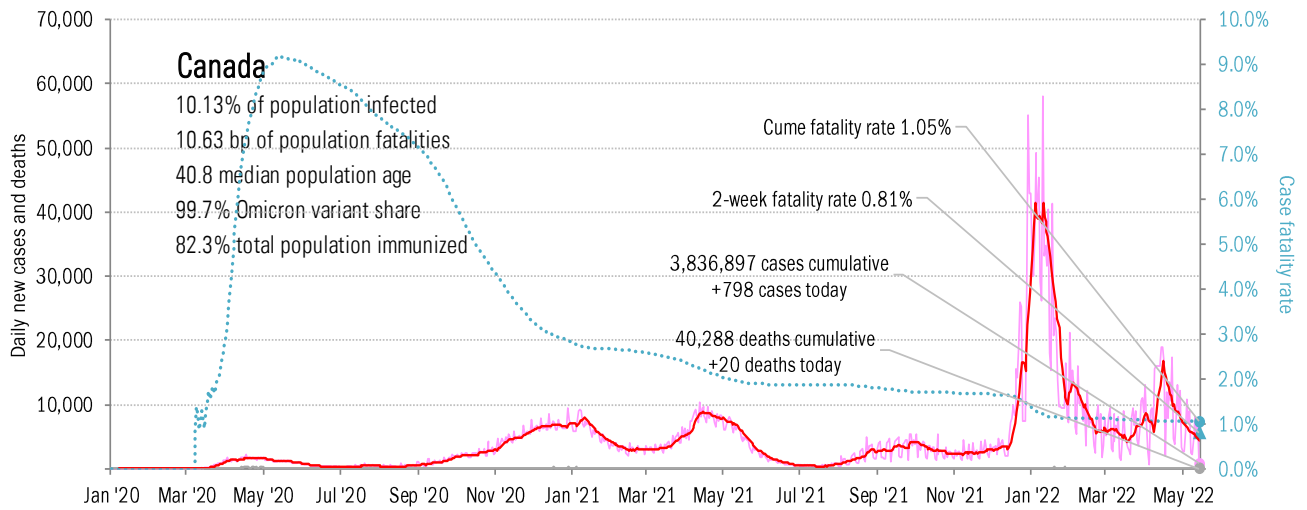
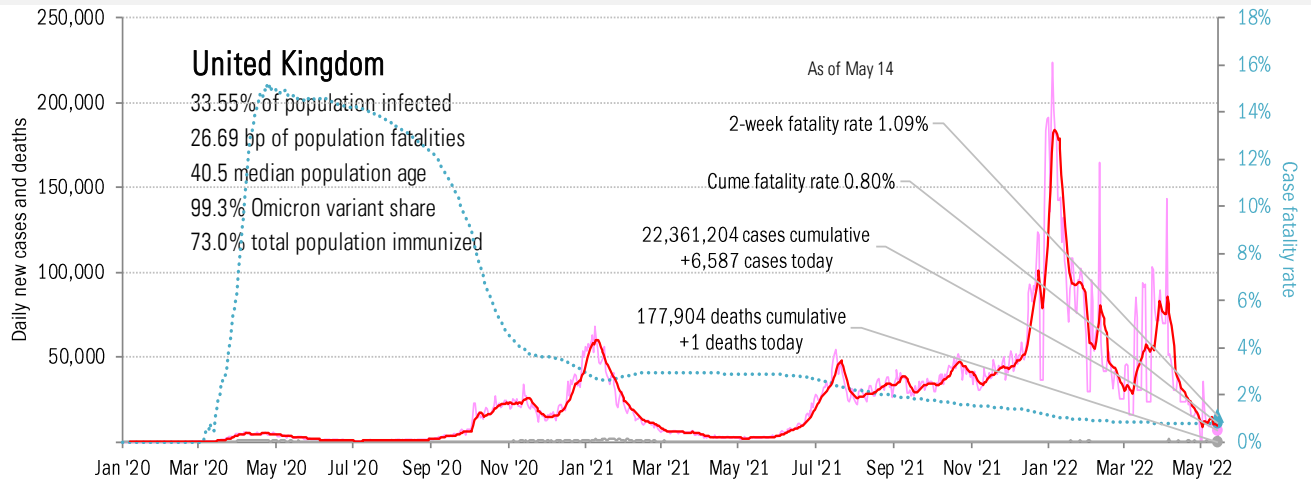
Cases: 7-day average and daily Deaths: Daily



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

Impact in The Anglosphere

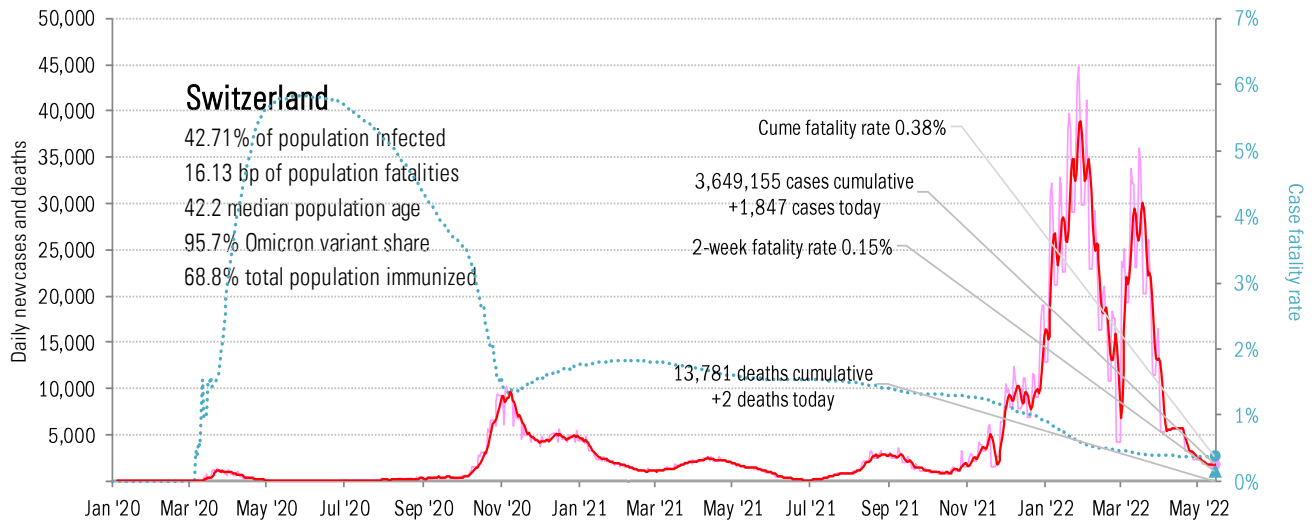
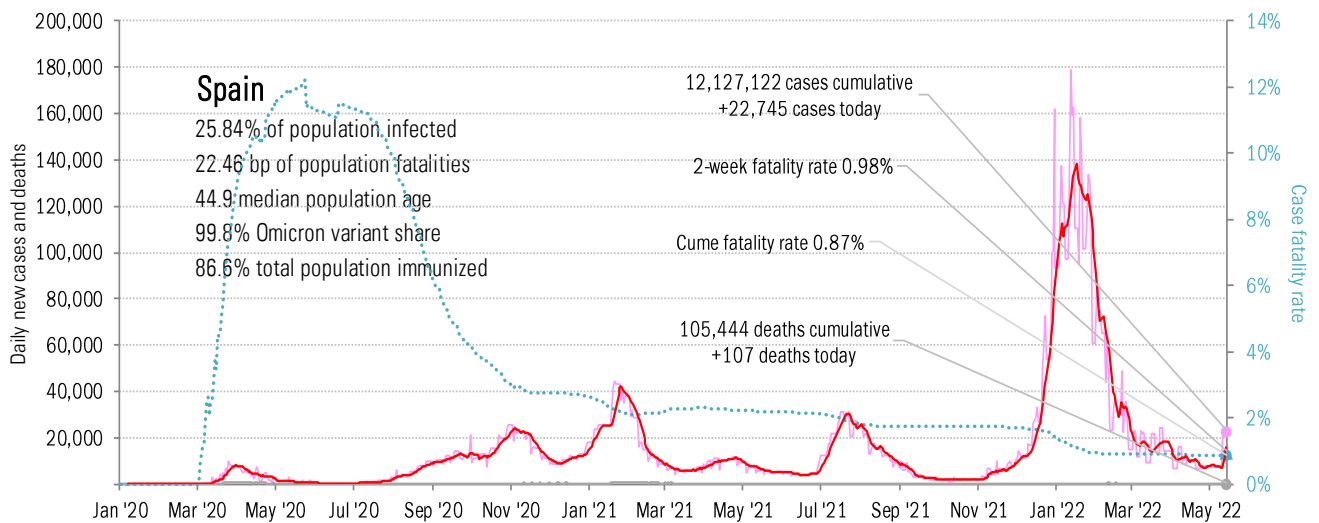
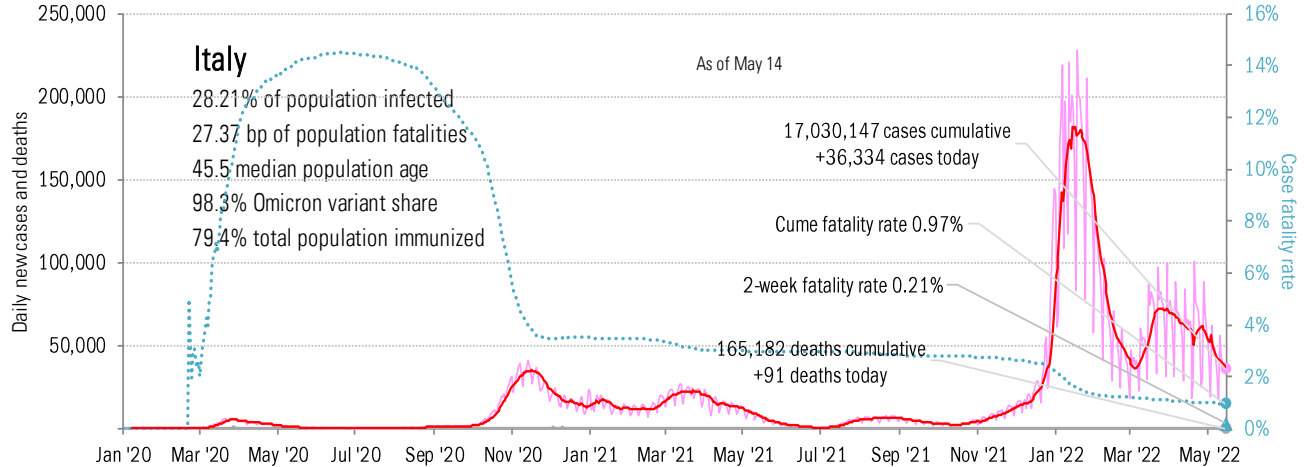
Cases: 7-day average and daily Deaths: Daily



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

Impact in continental Europe

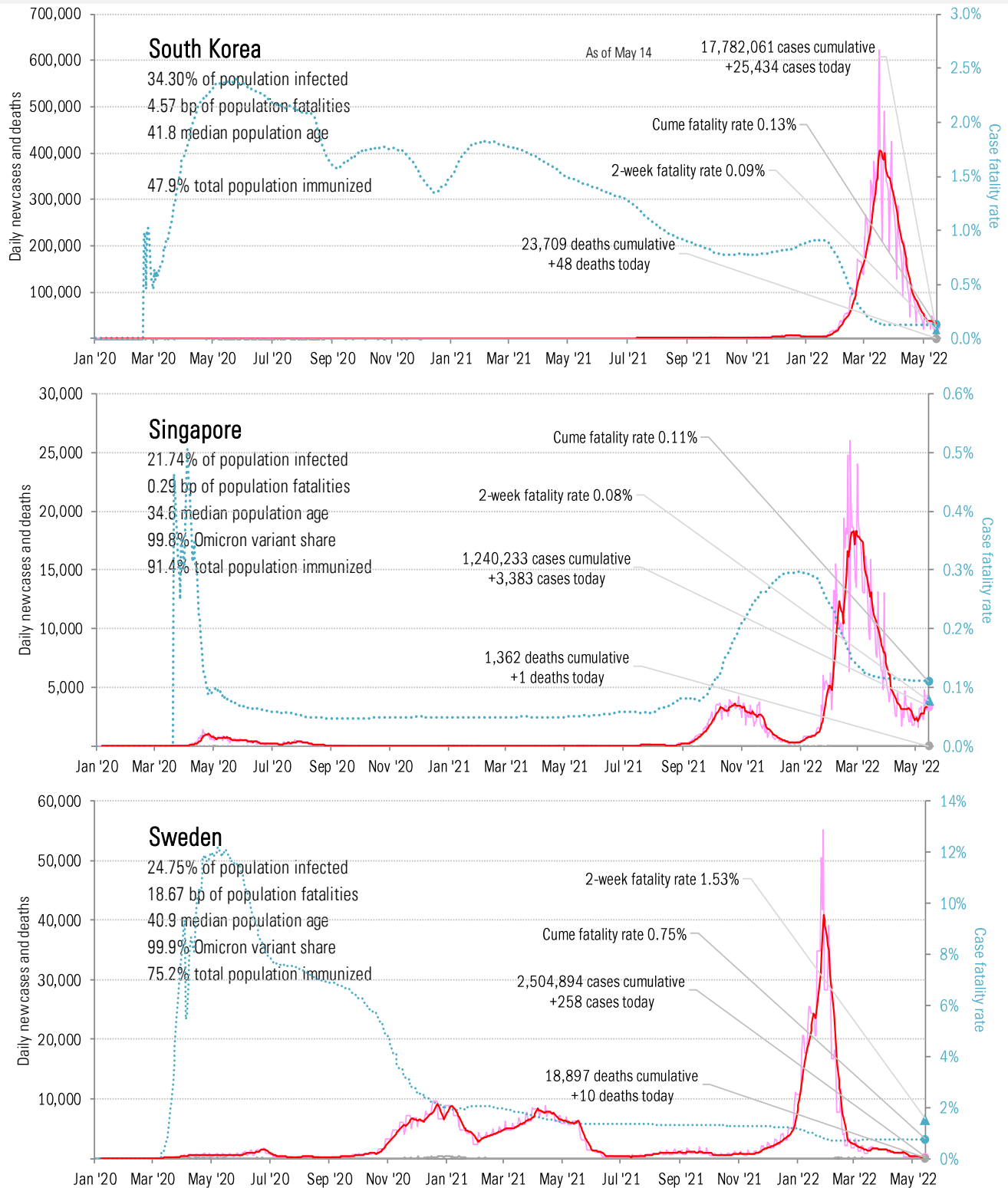
Cases: 7-day average and daily Deaths: Daily



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

Impact in other hot-spots

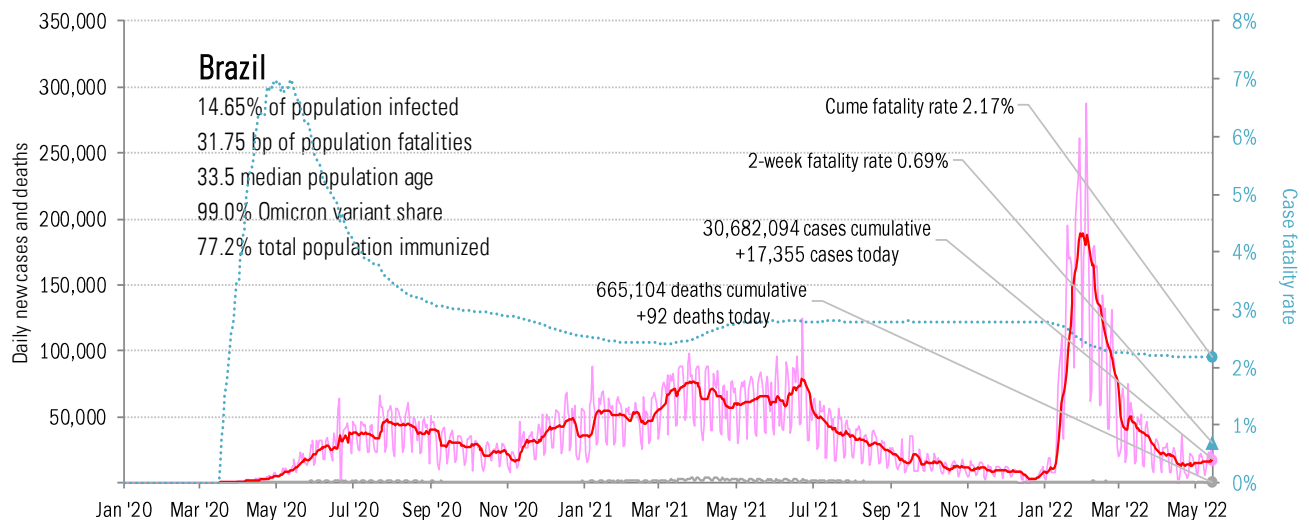
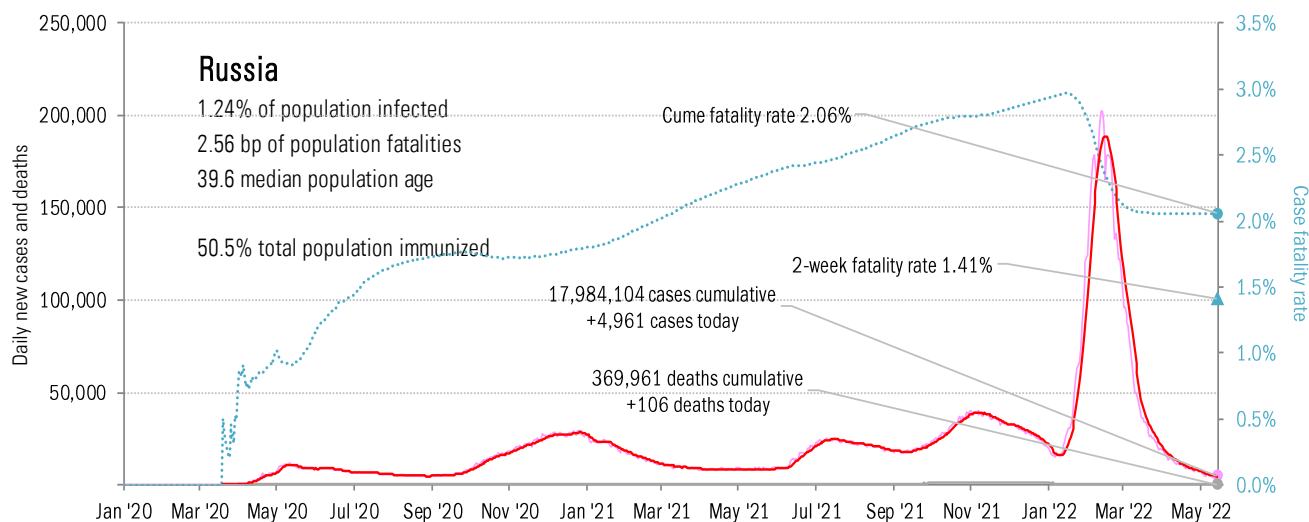
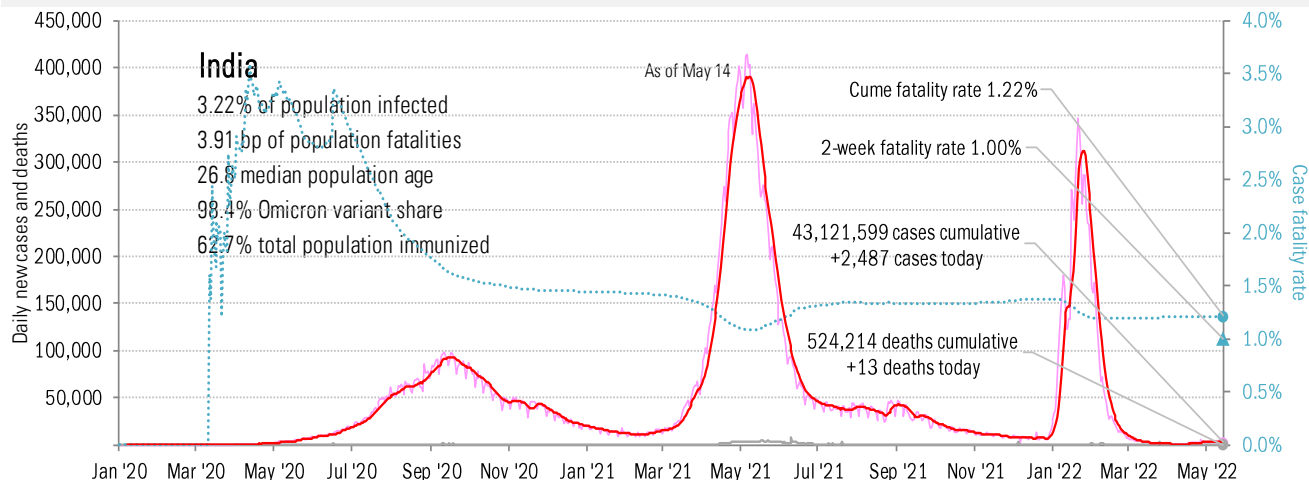
Cases: 7-day average and daily Deaths: Daily



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

Impact in the BRICs ex-China

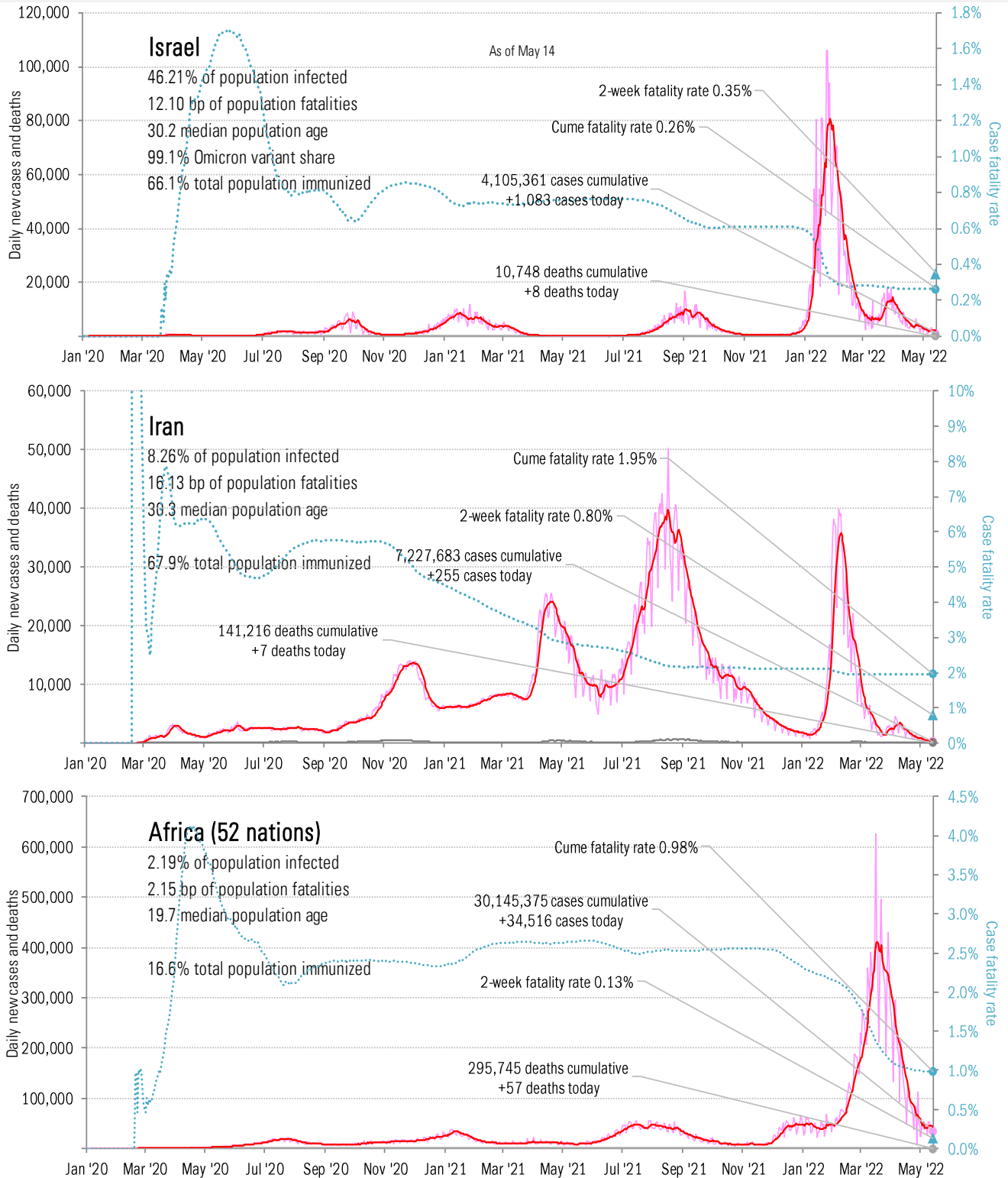
Cases: 7-day average and daily Deaths: Daily



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

Impact in the Middle East and Africa

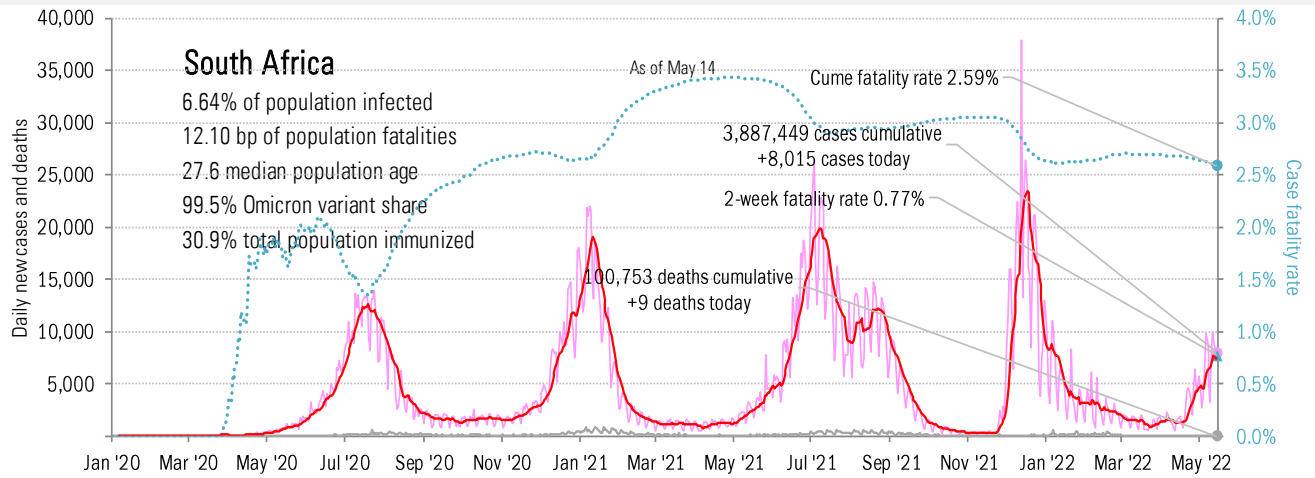
Cases: 7-day average and daily Deaths: Daily



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

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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