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Data Insights: Covid-2019 Monitor

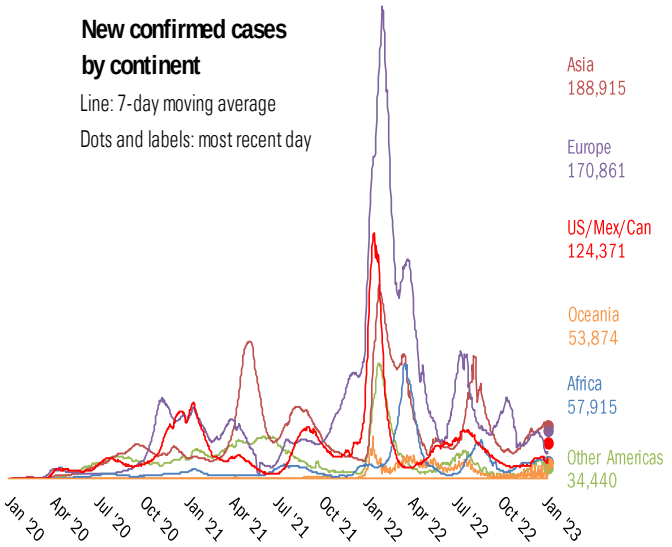
Friday, January 6, 2023

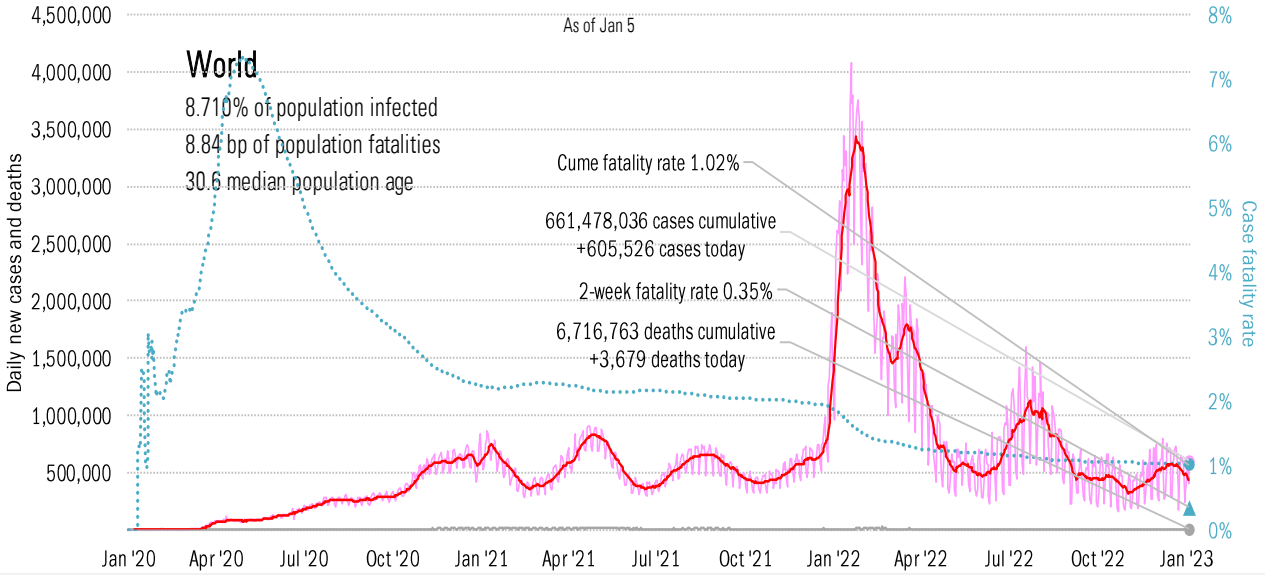
The global scorecard

Cases: 7-day average and daily Deaths: Daily

The worst ten countries

New cases		New Deaths	
Japan	226,904	United States	677
United States	64,711	Japan	334
Korea, South	56,954	Finland	330
Taiwan*	31,498	Germany	262
Brazil	30,386	Brazil	215
Germany	20,922	Canada	194
Italy	17,443	Australia	173
Belgium	13,986	Belgium	167
France	11,672	France	143
Canada	11,357	United Kingdom	103
	485,832		2,598
World	605,526	World	3,679
Top ten	80%	Top ten	71%





Source: Johns Hopkins, TrendMacro calculations

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The US scorecard

Cases: 7-day average and daily Deaths: Daily

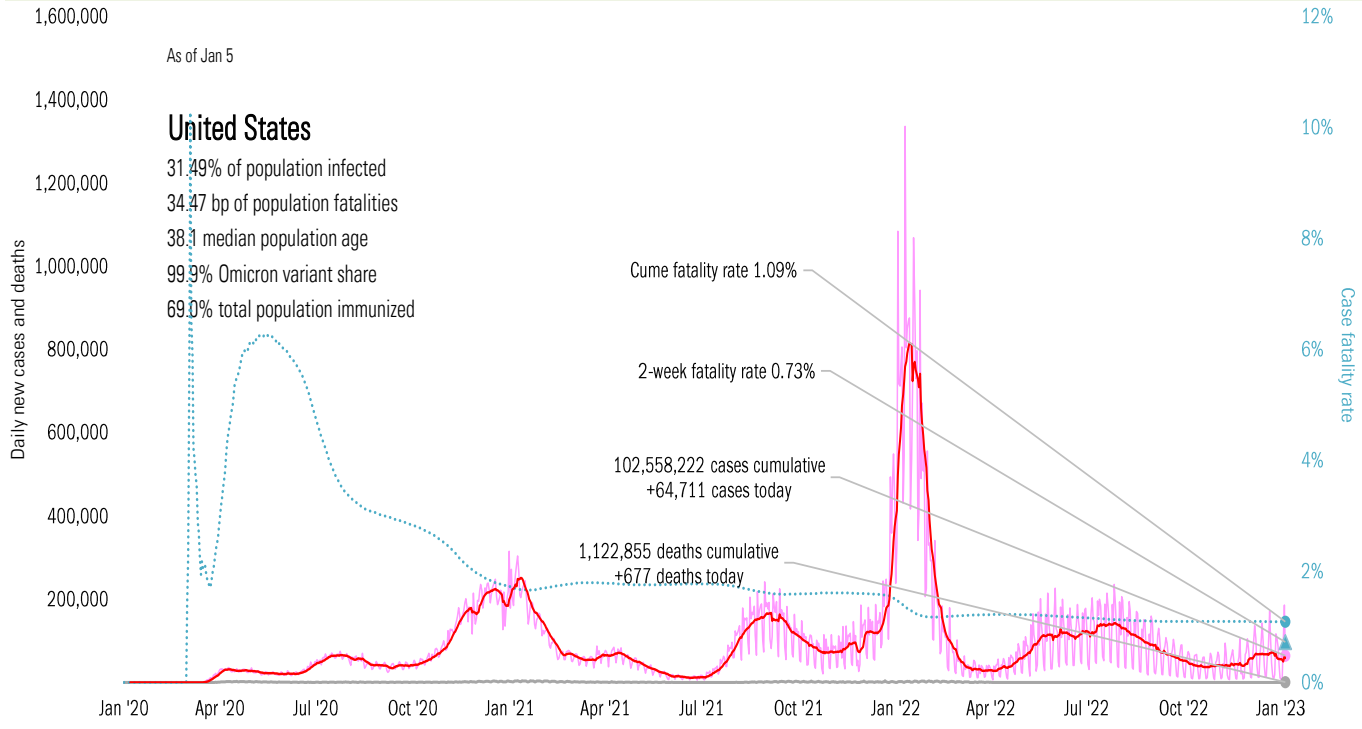
The ten worst US states

New cases		New deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital		Hospital use		ICU use	
CA	10,810	CA	159	GA	267	CA	11,872,817	CA	98,894	TX	571,473	RI	89%	NM	91%
FL	6,969	IN	96	PA	275	TX	8,263,426	TX	91,942	CA	545,605	NH	88%	NH	91%
NY	6,892	NY	57	MD	149	FL	7,361,744	FL	84,015	FL	516,493	MO	86%	TX	90%
NJ	3,630	IL	45	NJ	277	NY	6,603,211	NY	75,387	NY	338,125	WV	85%	WA	89%
NC	3,070	MA	22	AL	139	IL	3,981,275	PA	49,034	OH	237,094	MN	85%	NC	88%
PA	2,145	CT	22	FL	510	PA	3,431,861	GA	41,520	GA	235,497	WA	84%	MA	88%
VA	2,108	NJ	21	LA	108	NC	3,359,796	OH	41,033	PA	221,650	MI	84%	AL	87%
OH	1,985	WI	21	NC	233	OH	3,321,463	MI	40,836	IL	205,491	DE	84%	MS	87%
GA	1,971	PA	20	AR	77	GA	2,998,991	IL	40,747	MI	175,865	NC	83%	KY	87%
MA	1,707	RI	19	IA	47	MI	2,998,447	NJ	35,576	NJ	154,551	MA	83%	NE	87%
	41,286		483		2,082		54,193,031		598,984		3,201,844				
All states	64,711		677		6,519	All states	102,558,222		1,122,855		5,810,736	All states	70%		67%
Top ten	64%		71%		32%	Top ten	54%		55%		55%	Median	79%		80%

Some states not reporting

Five most improved US states

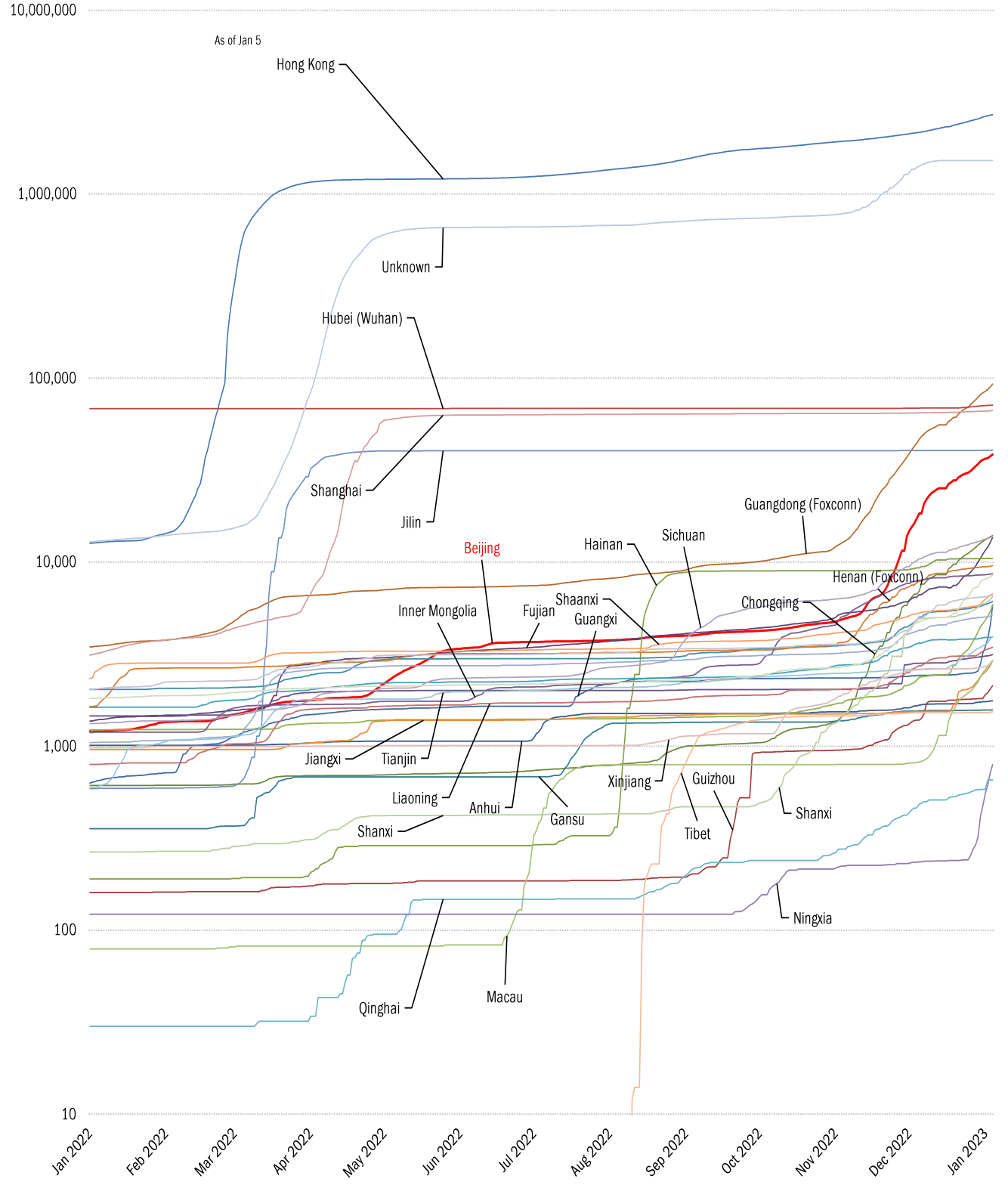
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-3,383	NY	-62	TX	-246
MD	-2,094	FL	-27	CA	-239
NV	-1,594	TX	-14	VA	-167
CT	-1,252	WI	-7	CT	-114
NJ	-301	NH	-5	FL	-108



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

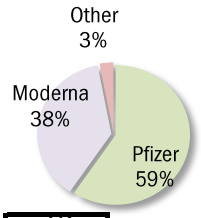
Rolling out the vaccines in the US and the world

Updates weekly on Friday

Administered	Cumulative				Today
Doses	681,672,640				+0.183 million
				Of which boosters:	+0.157 million
	One dose	% Pop	Immune	% pop	New immune today
Total population	276,944,352	83%	236,067,457	71%	+0.018 million
Age 12 to 17	18,423,075	73%	15,770,112	62%	+0.001 million
Age 18 to 64	184,170,530	91%	156,546,552	77%	+0.010 million
Age 65 and over	60,993,756	100%	53,409,974	97%	+0.003 million

Immunity	Full	Partial
US	69.0%	80.8%
UK	75.2%	79.7%
France	78.4%	80.6%
Spain	85.5%	86.9%
Germany	76.2%	77.8%
Italy	81.3%	86.2%
Australia	82.7%	84.9%
Israel	65.2%	71.1%
Canada	82.5%	90.1%
Japan	83.2%	84.4%
Africa	27.5%	33.5%
India	67.1%	72.5%
Brazil	81.2%	87.6%
China	89.4%	91.7%

Global data differs due to sources, timing



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

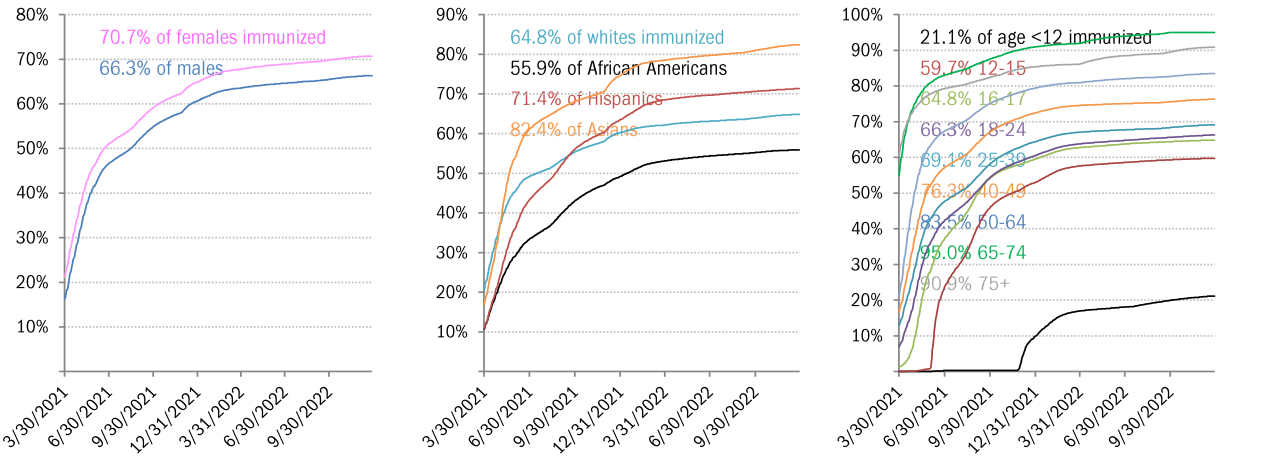
"Immunity" = two doses

Best
Middle
Worst

As of Jan 6

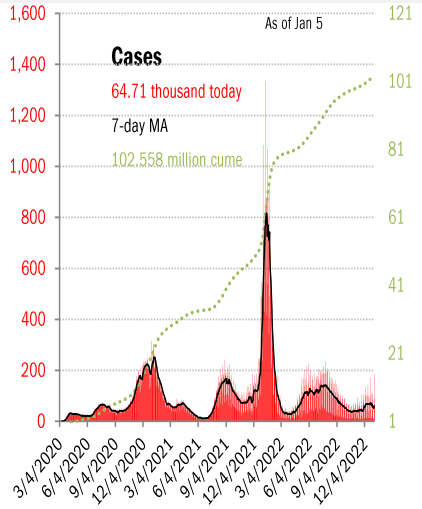
AK					WI					ME
72.8%					74.9%					95.0%
65.0%					68.0%					83.1%
WA	ID	MT	ND	MN	IL	MI		NY	VT	NH
84.9%	63.7%	68.1%	69.1%	78.5%	78.9%	69.3%		94.1%	95.0%	87.5%
75.8%	56.3%	59.0%	58.4%	71.9%	71.0%	62.2%		80.5%	85.3%	71.5%
OR	NV	WY	SD	IA	IN	OH	PA	NJ	MA	
81.3%	77.3%	60.8%	83.5%	70.5%	64.2%	65.6%	90.2%	94.3%	95.0%	
72.2%	63.6%	52.9%	66.0%	64.2%	57.6%	60.3%	73.0%	78.9%	83.9%	
CA	UT	CO	NE	MO	KY	WV	VA	MD	CT	RI
84.4%	75.0%	83.4%	73.2%	69.1%	68.7%	67.3%	90.7%	91.4%	95.0%	95.0%
74.4%	66.5%	73.2%	66.1%	58.9%	59.5%	59.6%	76.4%	79.4%	82.8%	87.4%
	AZ	NM	KS	AR	TN	NC	SC	DC	DE	
	77.2%	93.9%	75.9%	69.7%	64.3%	91.7%	70.8%	95.0%	87.9%	
	65.8%	74.9%	65.0%	56.7%	56.2%	66.8%	59.7%	85.5%	73.1%	
			OK	LA	MS	AL	GA			
			74.4%	62.7%	61.5%	64.8%	68.2%			
			60.3%	54.9%	53.6%	53.0%	57.1%			
HI			TX					FL		PR
91.1%			76.1%					82.1%		95.0%
81.3%			63.1%					69.2%		86.7%

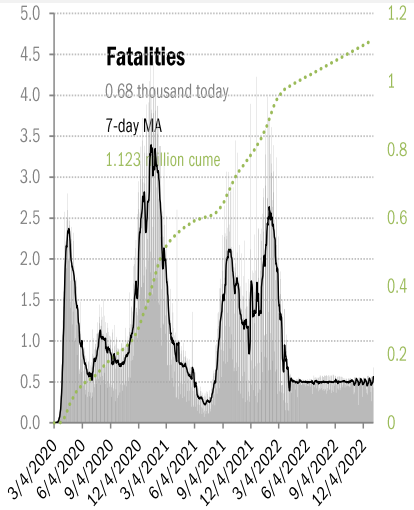
The demographics of US vaccination

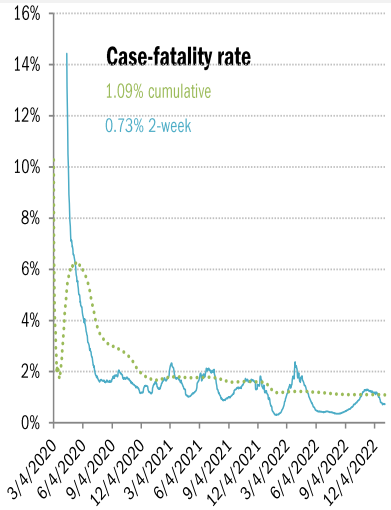


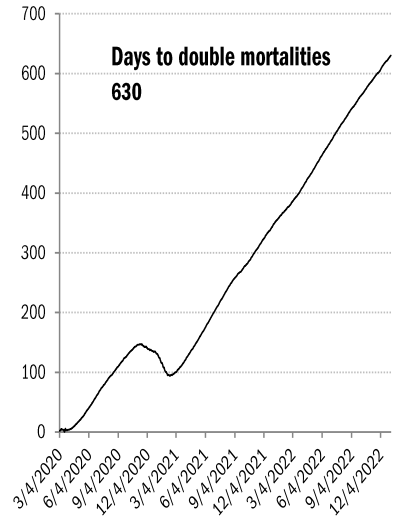
Source: CDC, CDC, Our World in Data, TrendMacro calculations

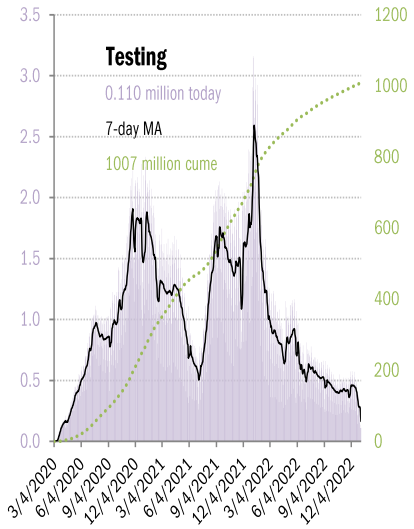
US deep-dive

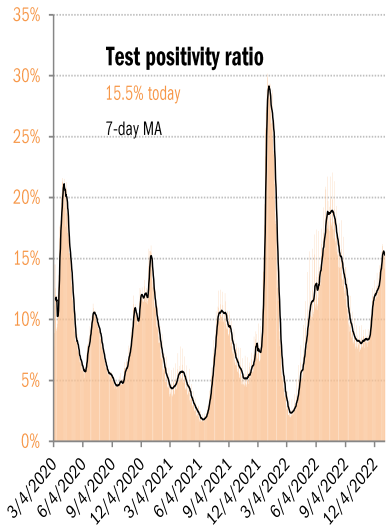


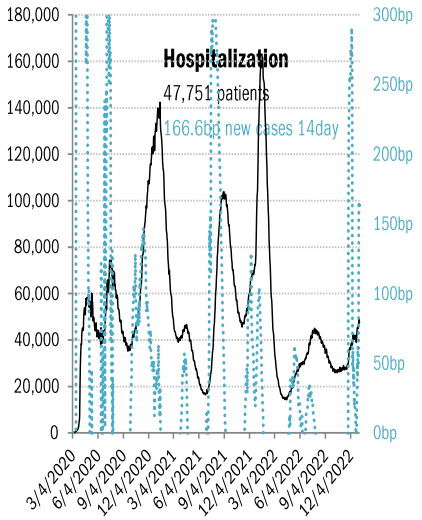


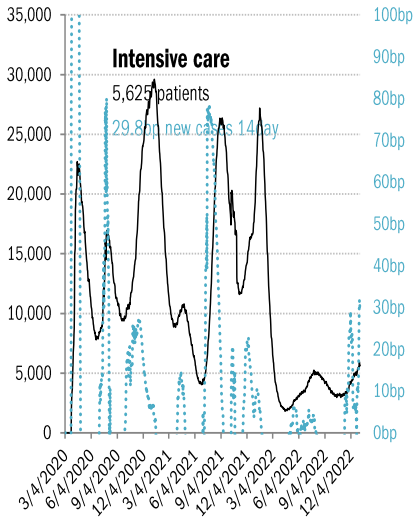


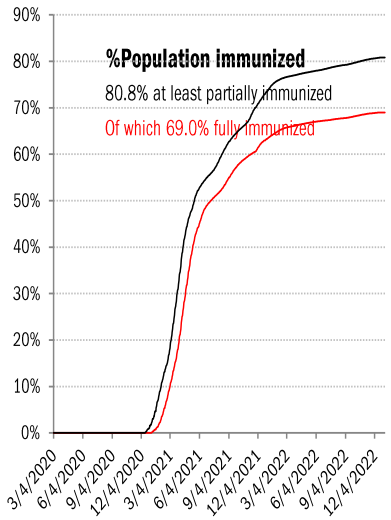












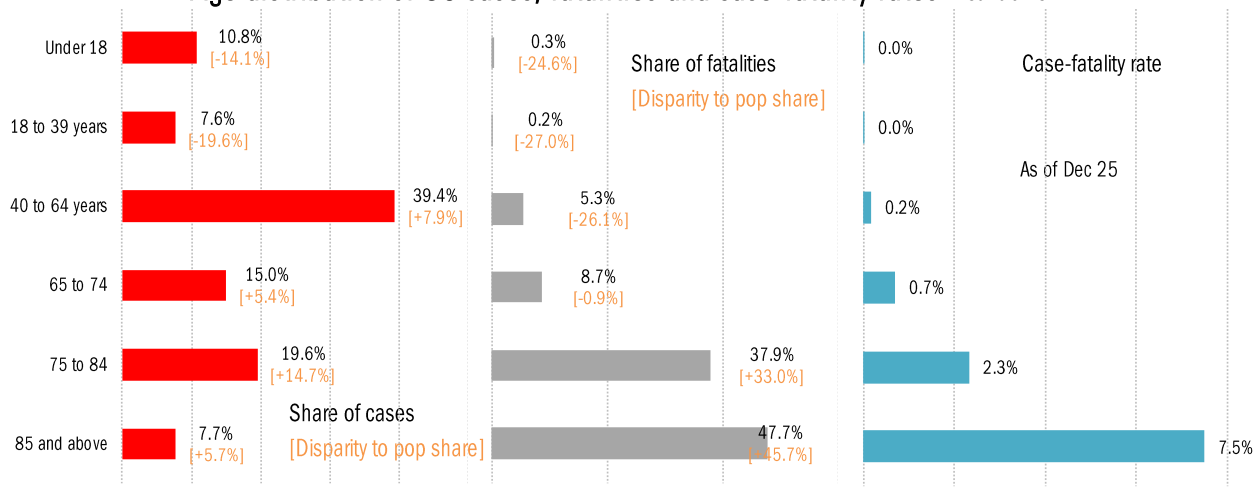
Source: Johns Hopkins, Covid Act Now, TrendMacro calculations

US deep-dive: demographics of age, race and health

Updates weekly on Sunday, 1 week lag

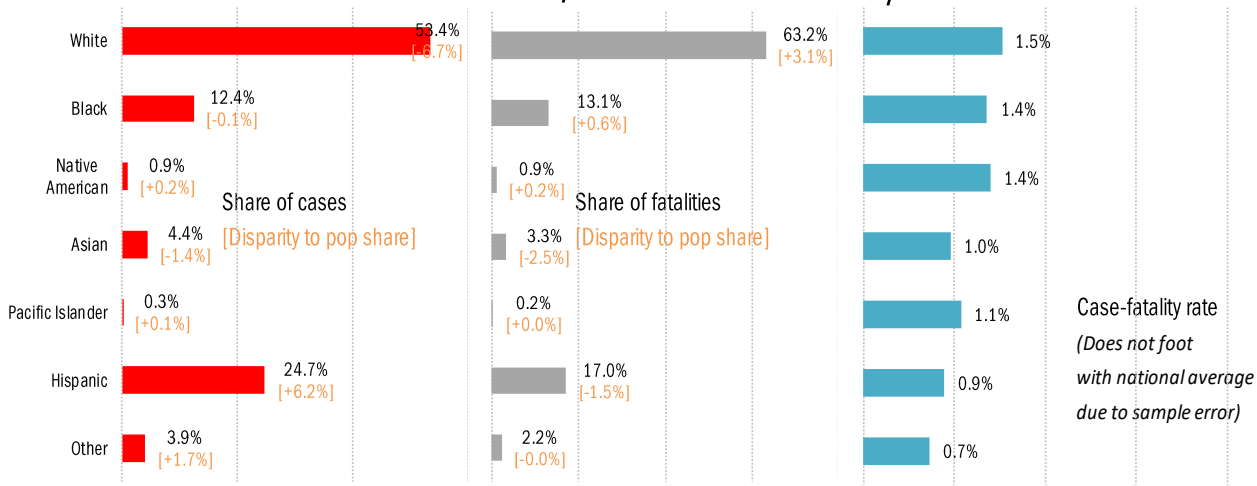
Age distribution of US cases, fatalities and case-fatality rates

Cumulative



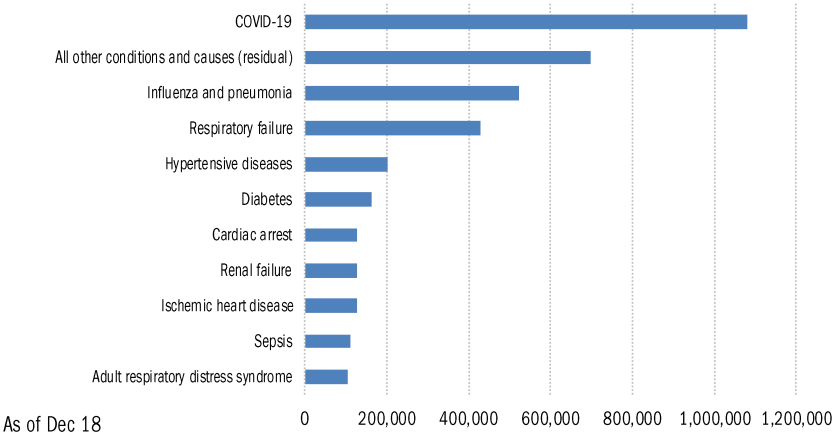
Racial distribution of US cases, fatalities and case-fatality rates

Cumulative



Comorbidities

Top-ten joint causes of Covid mortalities, cumulative



As of Dec 18

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

On speculation, conspiracy theories, and the damage they do to those of us writing seriously about the mRNA jabs
Alex Berenson
Unreported Truths
January 5, 2023

How Covid Could Bring Back Measles
Wall Street Journal
January 5, 2023

Here's the COVID Vaccine Injury Report CDC Was Forced to Release
Josh Guetzkow
The Defender
January 5, 2023

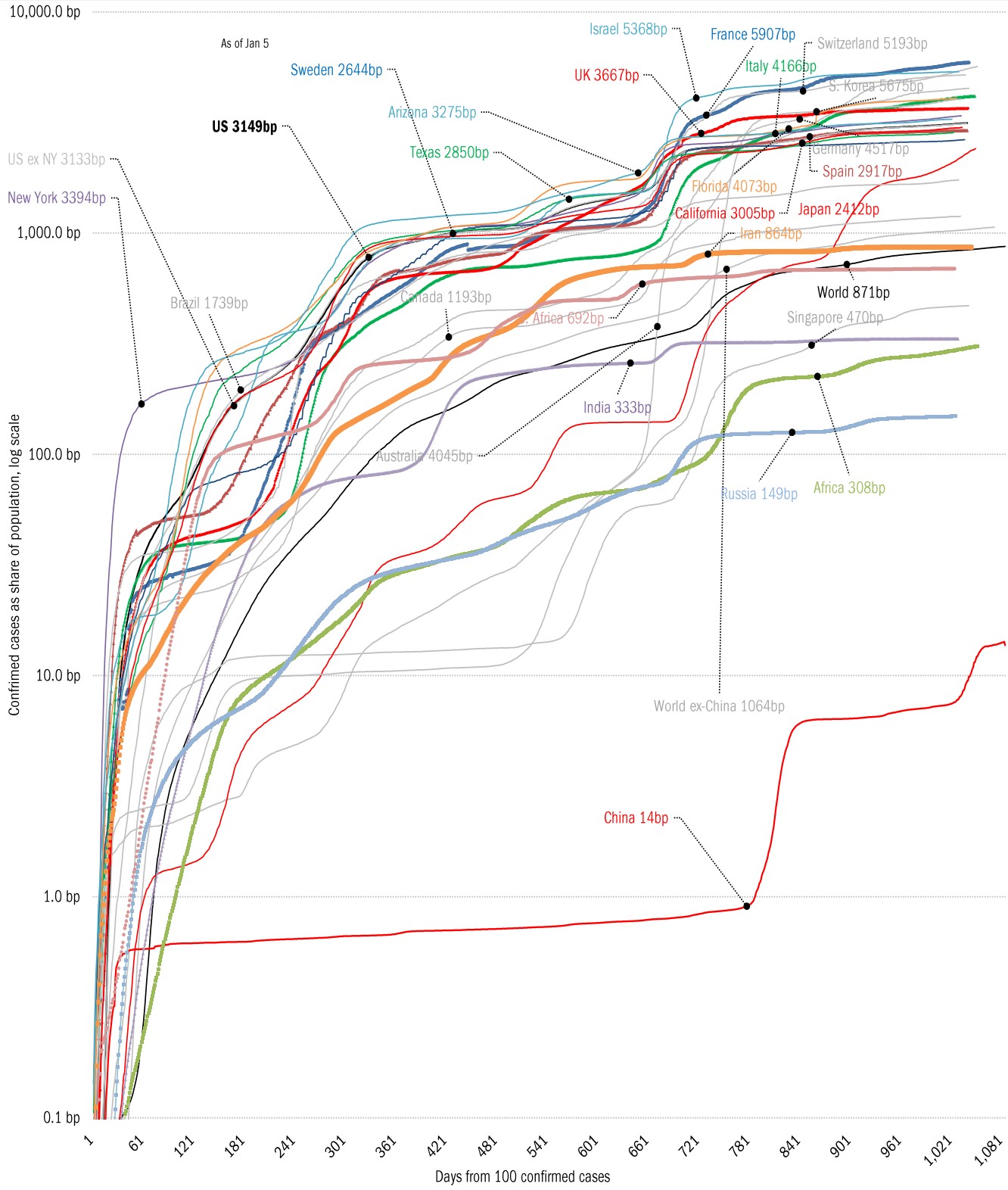
COVID infected Chinese tourist caught in South Korea after fleeing quarantine center
Michael Lee
Fox News
January 5, 2023

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

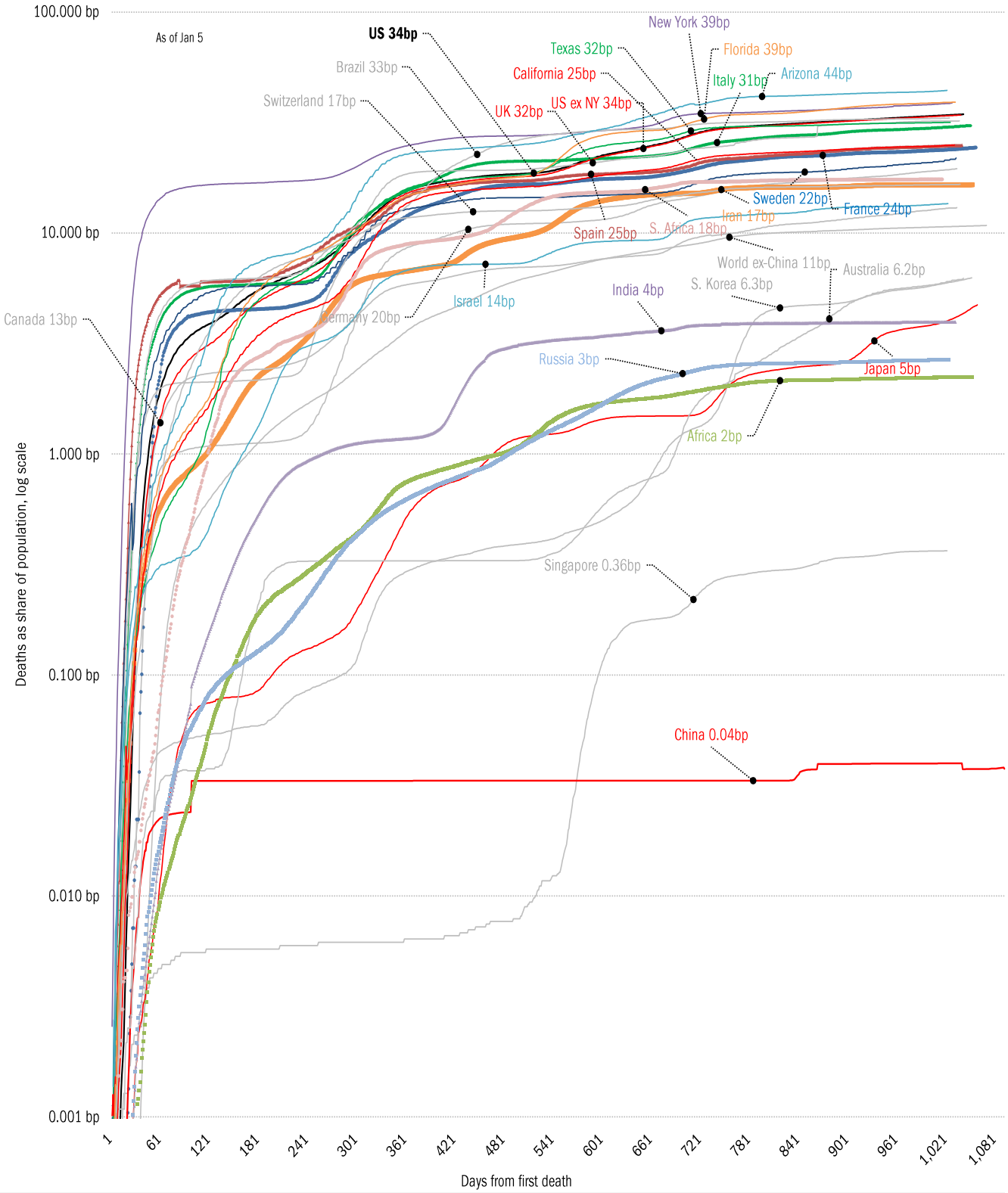
Share of infected population from first day with 100 confirmed cases, log scale



Source: Johns Hopkins, TrendMacro calculations

The global coronavirus mortality accelerometer … tracking the world's fatality curves

Share of population deceased from day of first fatality, log scale

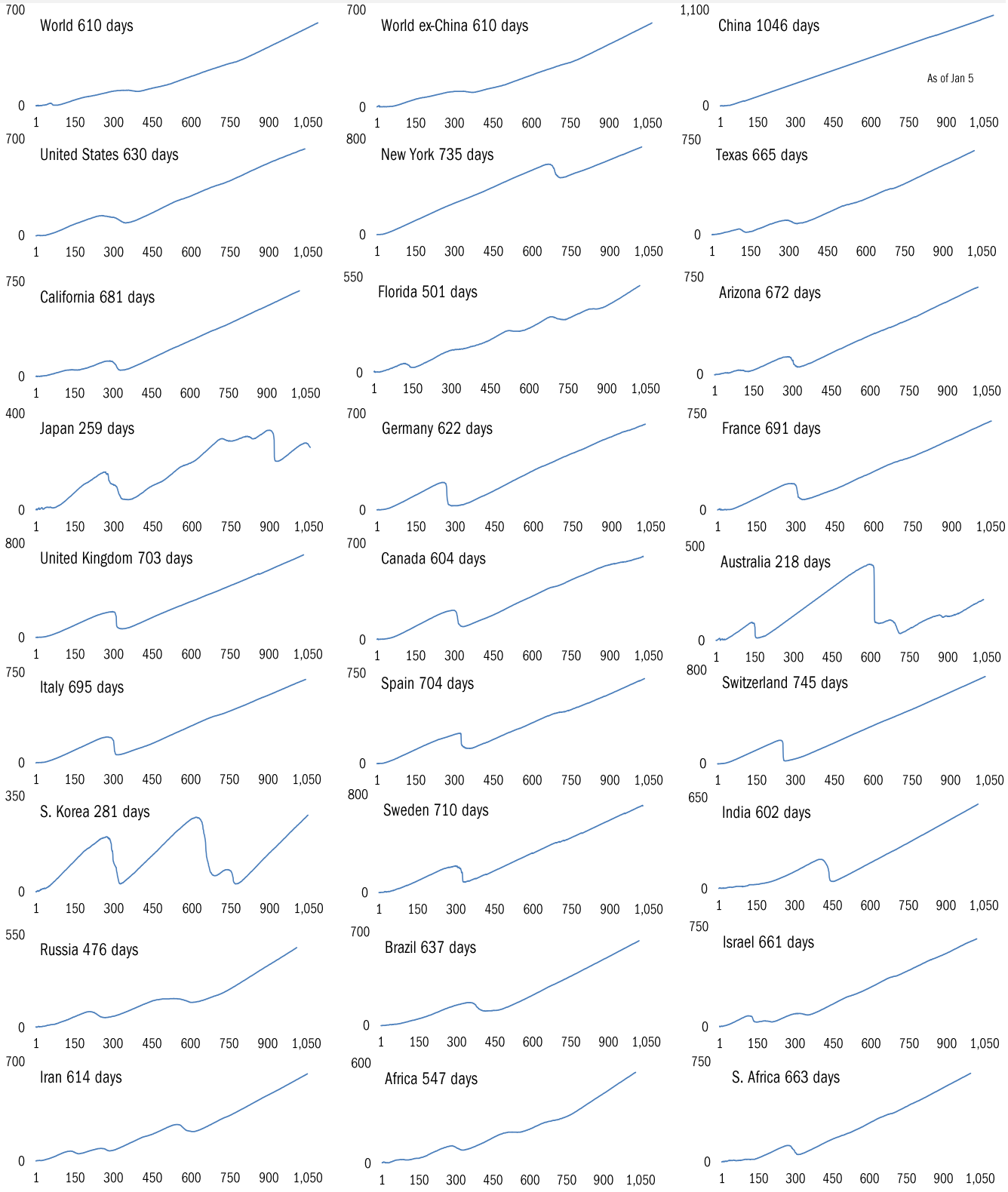


Source: Johns Hopkins, TrendMacro calculations

Our most reliable evidence of the rate of spread of Covid-2019

Vertical: days to double deaths *Horizontal: days from first death*

Higher is good *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

US 67,956		AK 51	AL 1,306	AR 574
AZ 904	CA 10,859	CO 698	CT 785	DC 138
DE 183	FL 5,161	GA 1,774	HI 174	IA 316
ID 157	IL 921	IN 1,389	KS 378	KY 809
LA 971	MA 1,562	MD 1,707	ME 228	MI 1,457
MN 746	MO 812	MS 773	MT 115	NC 3,070
ND 68	NE 225	NH 431	NJ 3,510	NM 400
NV 273	NY 5,593	OH 1,924	OK 825	OR 388
PA 1,972	PR 1,494	RI 326	SC 1,468	SD 68
TN 1,349	TX 4,186	UT 319	VA 2,387	VT 58
WA 729	WI 1,243	WV 663	WY 41	29 of 52 states & territories in two-week downtrends As of Jan 5

Source: Johns Hopkins, TrendMacro calculations

14-day trajectory in test-positivity ratio

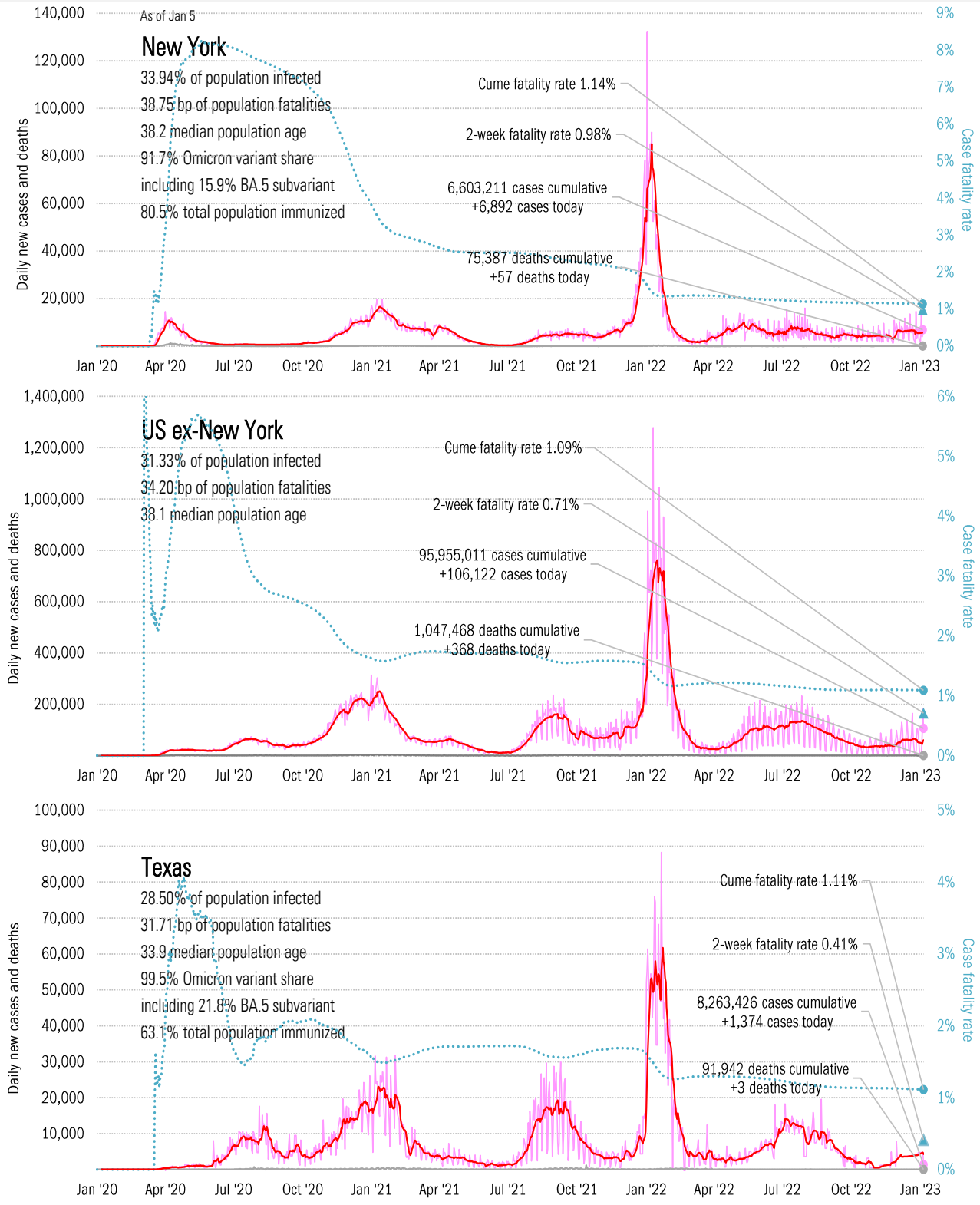
14-day moving average, last 14 days *Most recent value displayed* • High • Low

Downward trajectory Five best Upward trajectory Five worst

Source: Covid Act Now, TrendMacro calculations

From Ground Zero to the Rio Grande

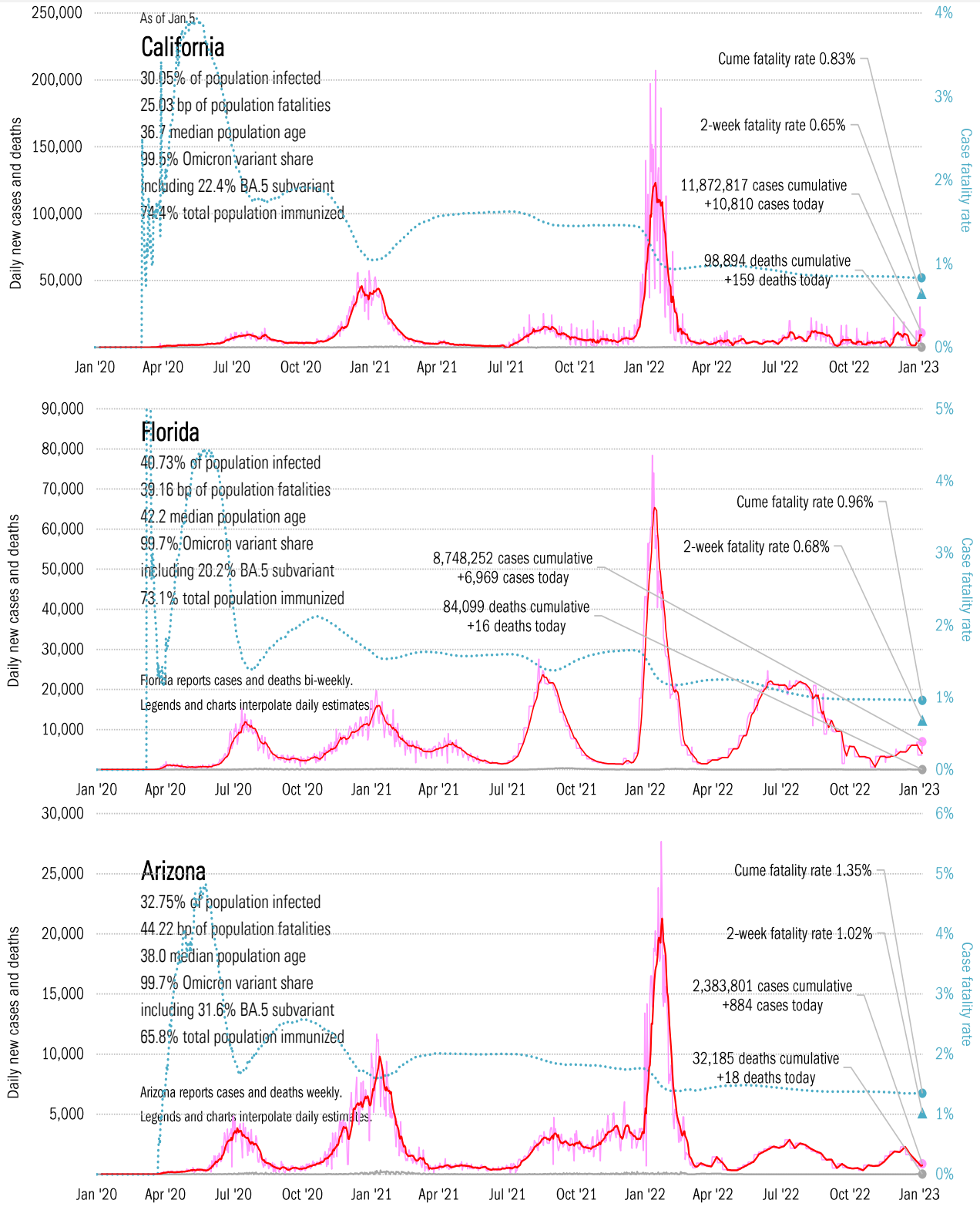
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

The sun-belt hot-spot states

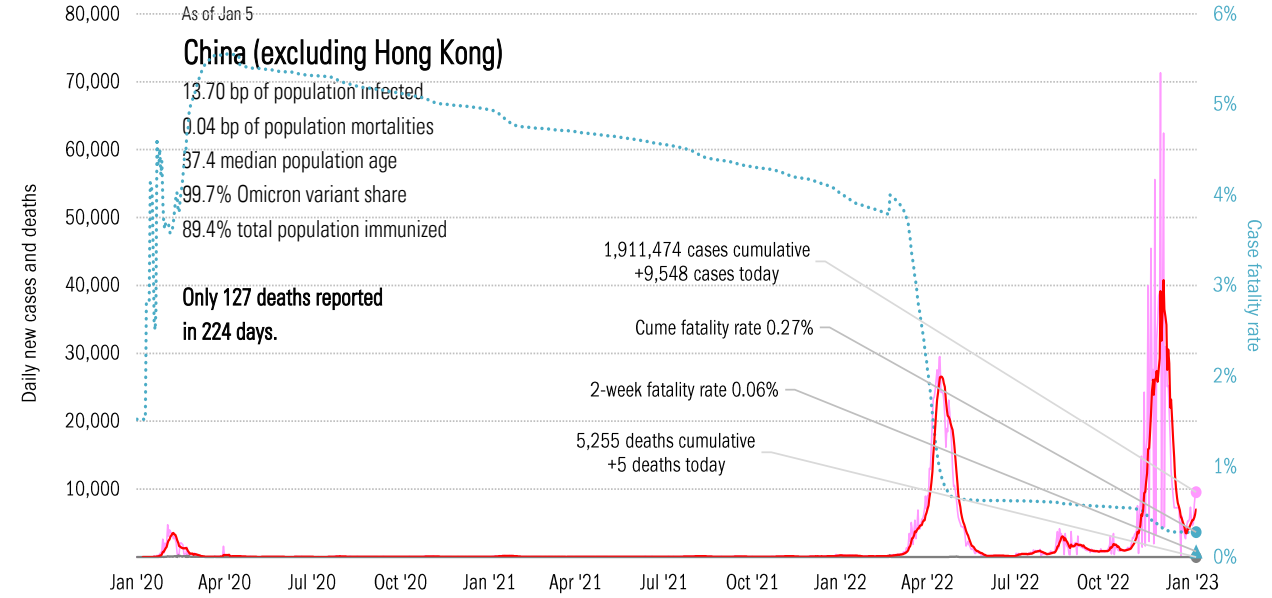
Cases: 7-day average and daily Deaths: Daily

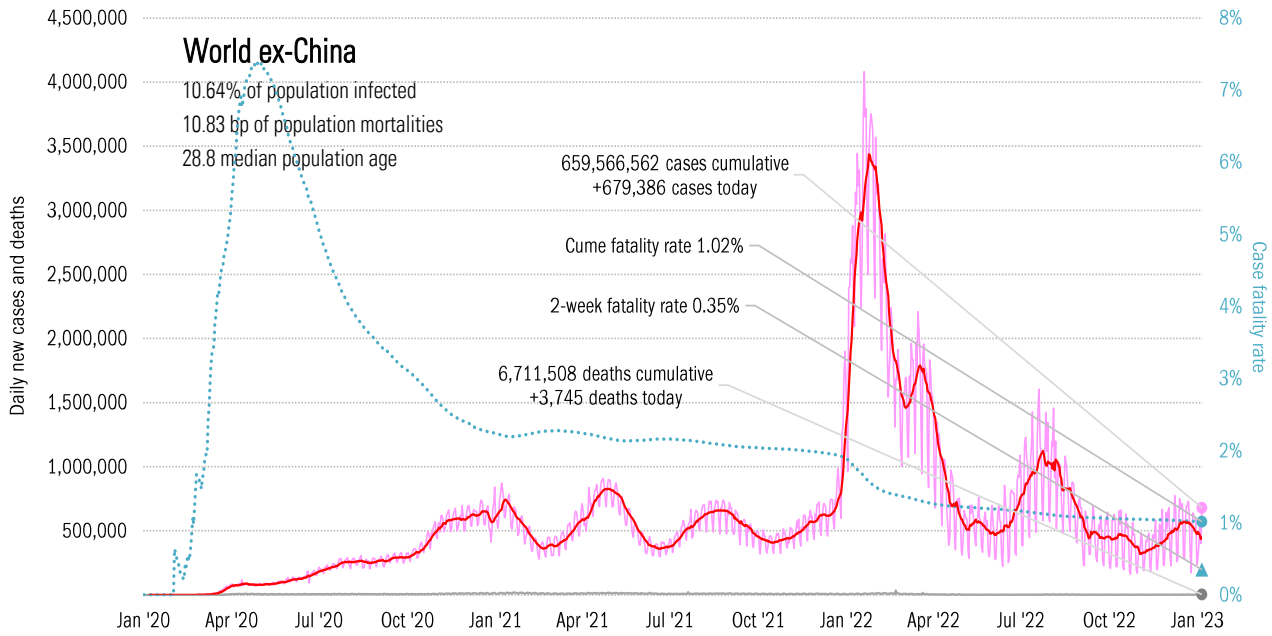


Source: Johns Hopkins, TrendMacro calculations

Patient zero… and then everyone else

Cases: 7-day average and daily Deaths: Daily

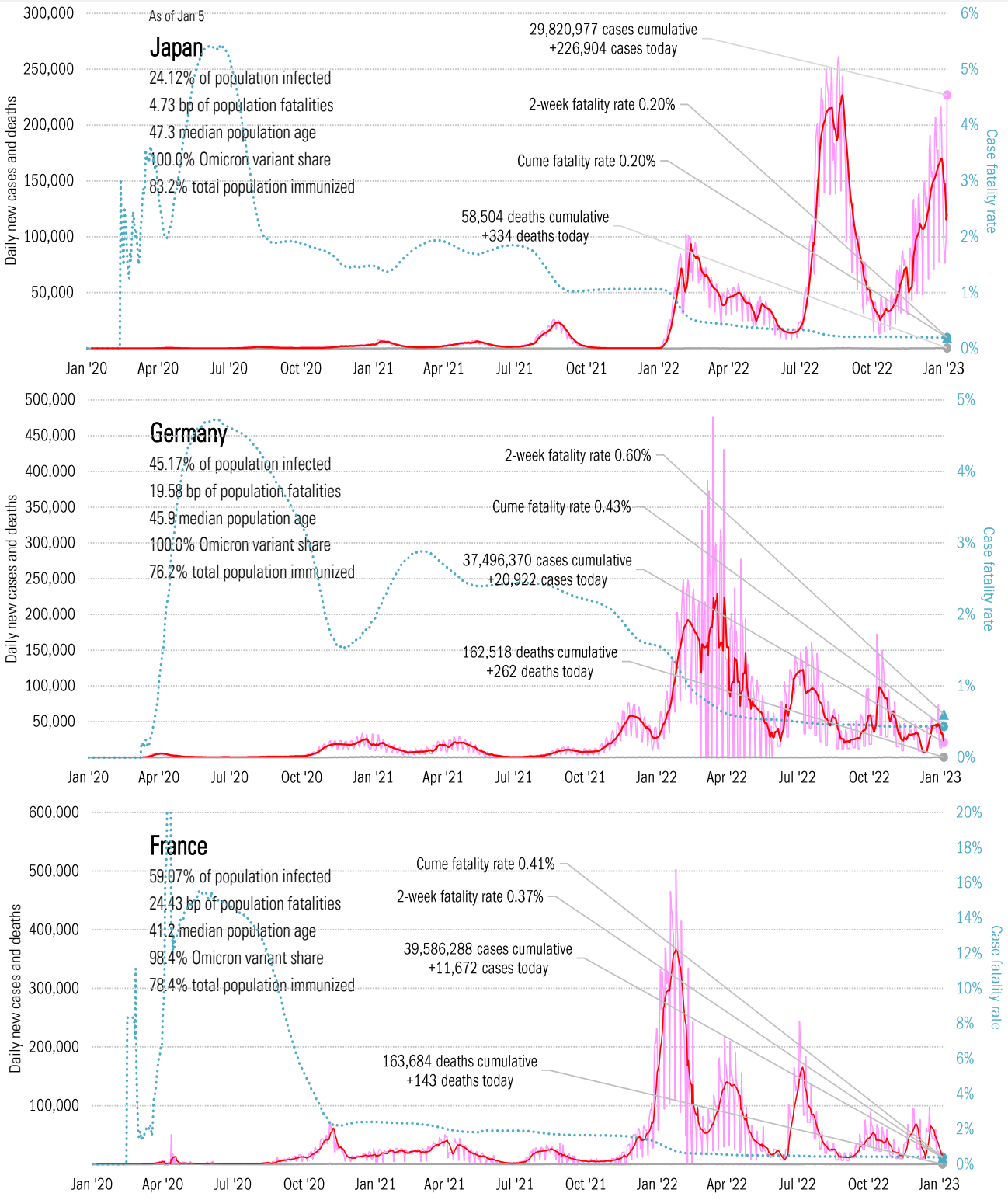




Source: Johns Hopkins, China CDC, TrendMacro calculations

Impact in the largest economies

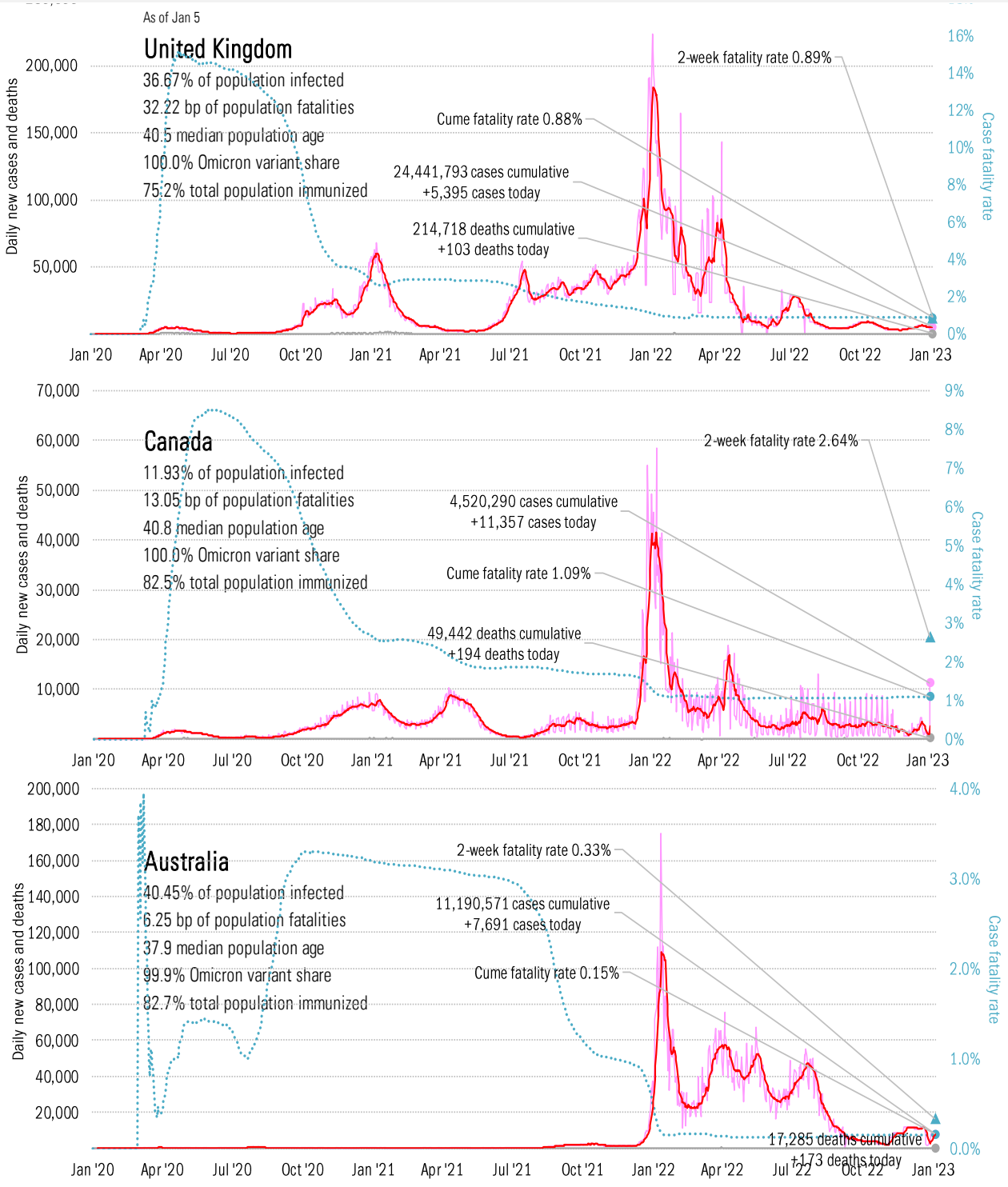
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

Impact in The Anglosphere

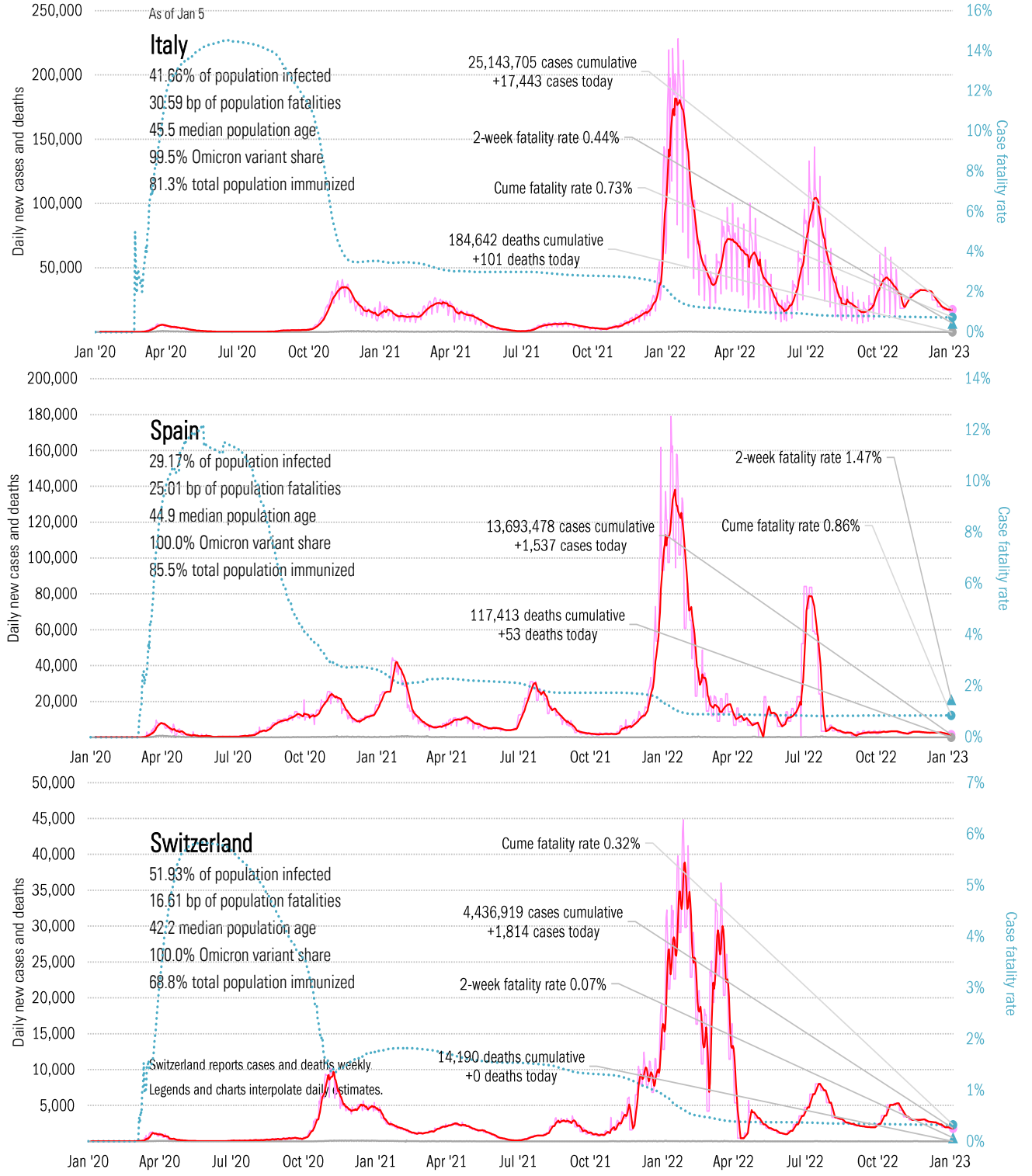
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

Impact in continental Europe

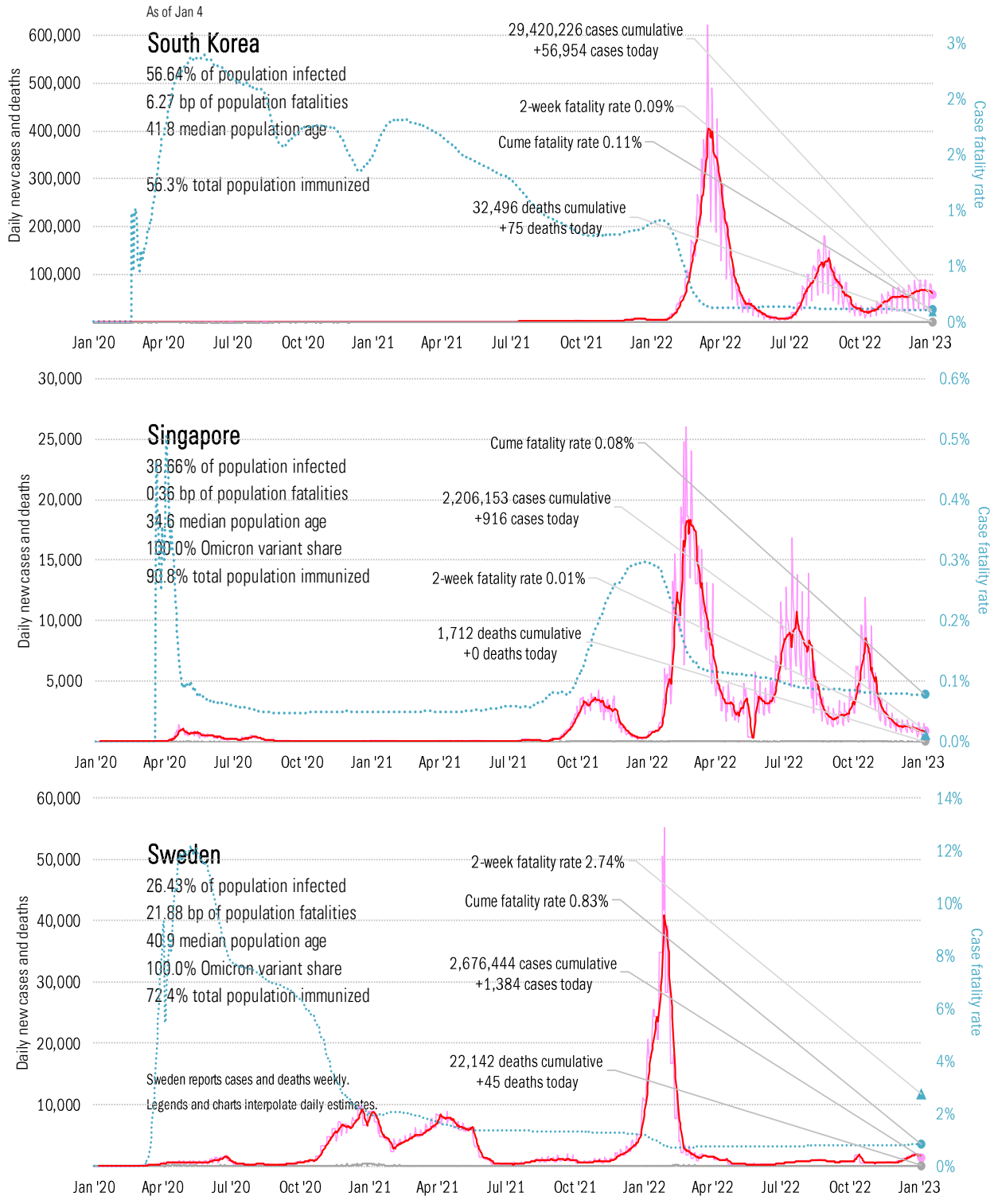
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

Impact in other hot-spots

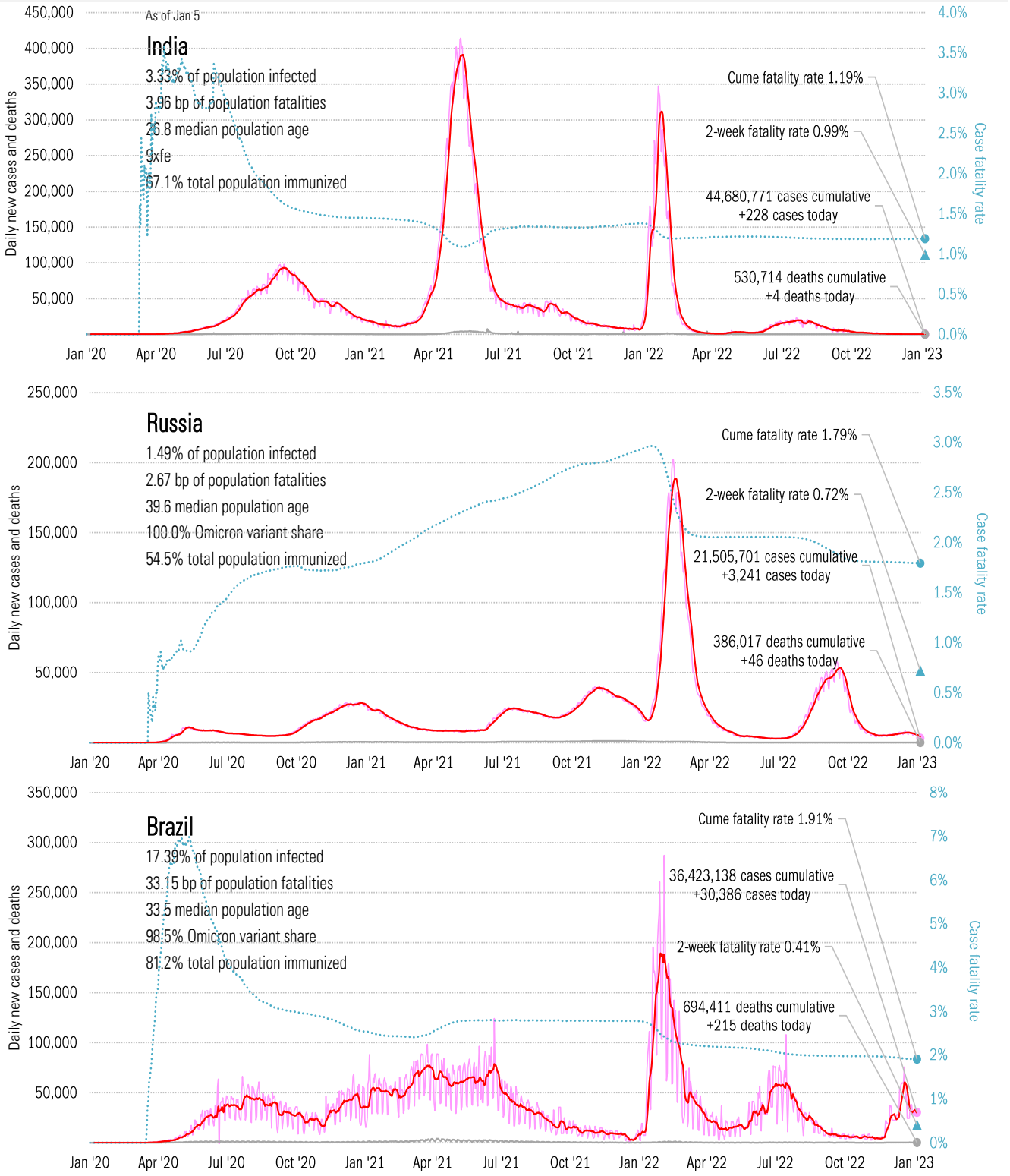
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

Impact in the BRICs ex-China

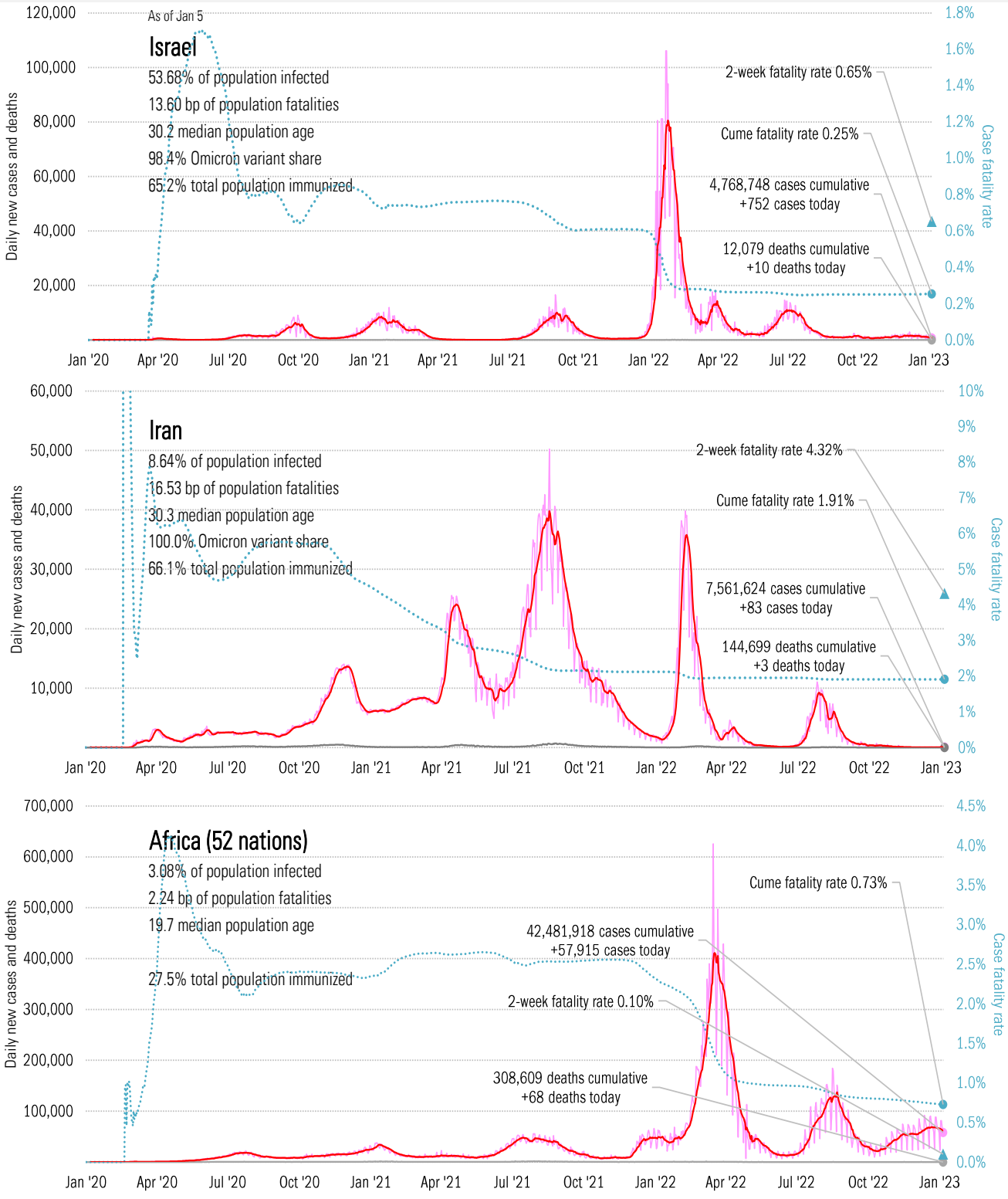
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

Impact in the Middle East and Africa

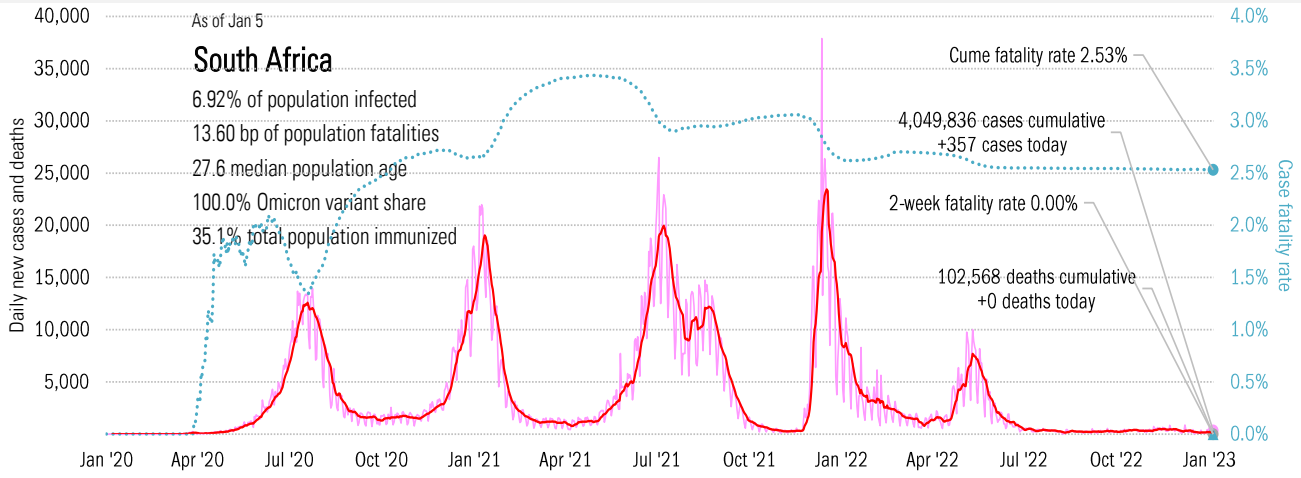
Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, TrendMacro calculations

Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



Source: Johns Hopkins, Trend Macro calculations