

## Data Insights: Covid-2019 Monitor

Friday, September 16, 2022

### The global scorecard

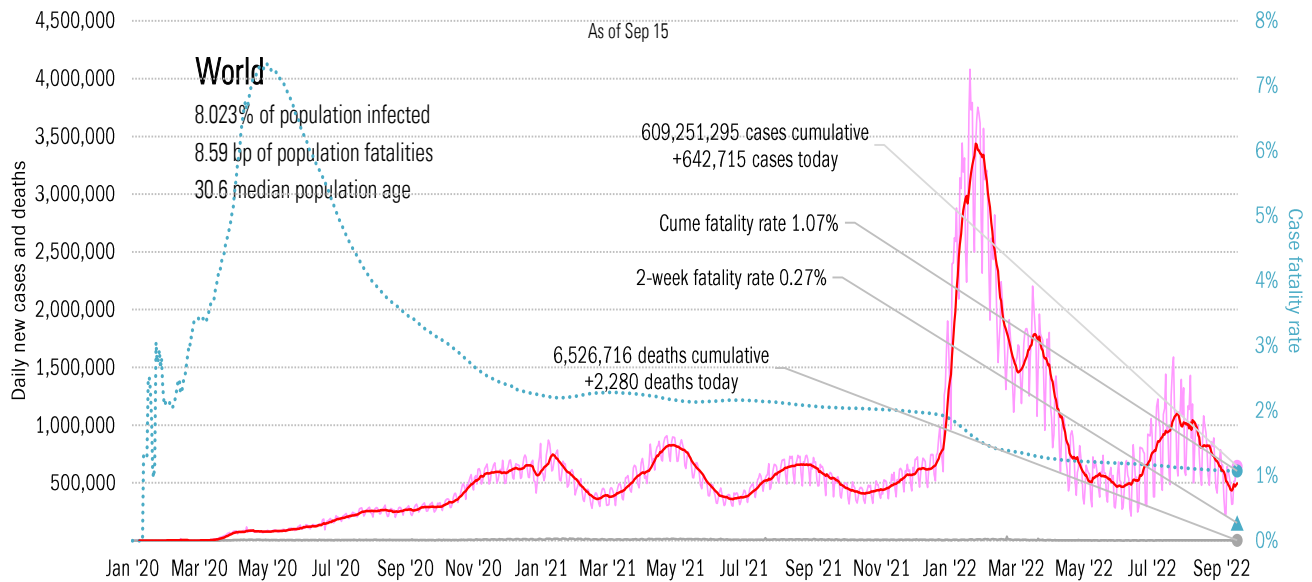
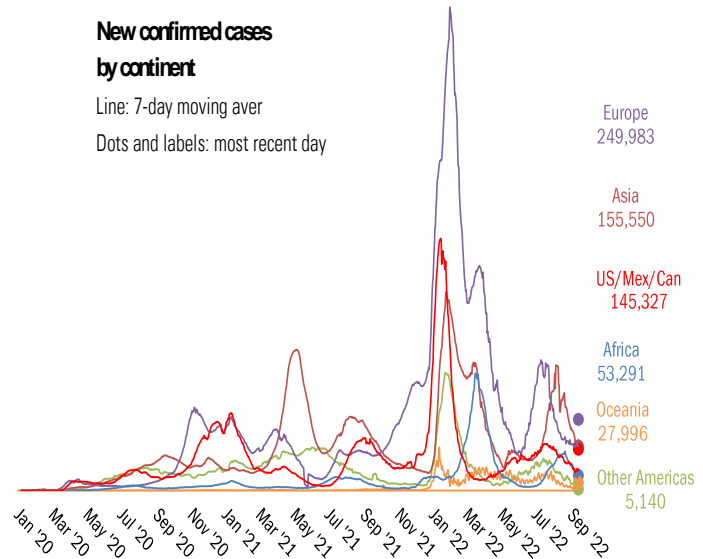
Cases: **7-day average** and **daily** Deaths: Daily

#### The worst ten countries

New cases		New Deaths	
United States	86,413	United States	595
Japan	85,832	Canada	257
Russia	55,427	Japan	171
Korea, South	51,832	Australia	166
Taiwan*	45,405	United Kingdom	121
Germany	38,749	Germany	117
France	33,281	Russia	98
United Kingdom	31,006	Sweden	94
Australia	27,761	Finland	90
Ukraine	24,563	Brazil	82
<b>480,269</b>		<b>1,791</b>	
World	642,715	World	2,280
Top ten	75%	Top ten	79%

#### New confirmed cases by continent

Line: 7-day moving aver  
 Dots and labels: most recent day



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

#### For more information contact us:

Donald Luskin: 214 550 2121 [don@trendmacro.com](mailto:don@trendmacro.com)  
 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

Cases: 7-day average and daily Deaths: Daily

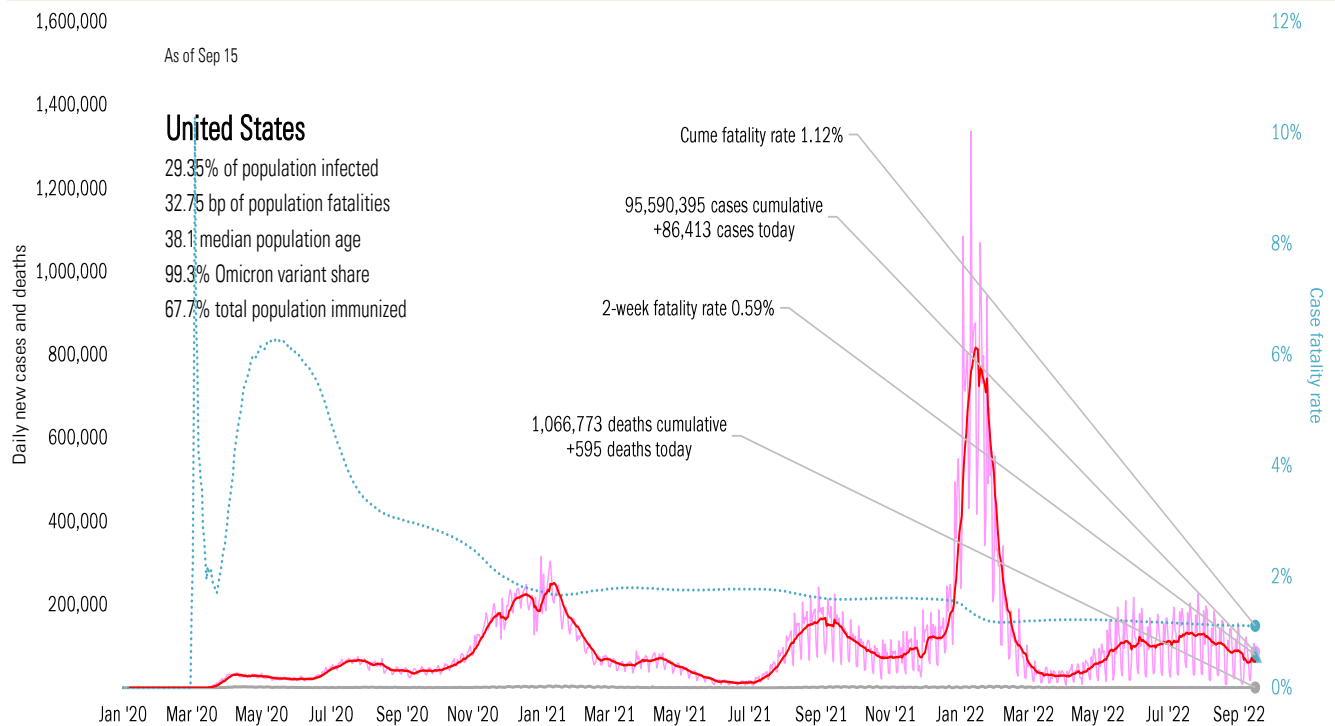
## The ten worst US states

New cases			New deaths			New in hospital			Cume cases			Cume deaths			Cume in hospital			Hospital use		ICU use	
PA	17,506		CA	122		MI	177		CA	11,193,606		CA	95,537		TX	541,643		RI	91%	TX	89%
CA	7,656		FL	56		CO	66		TX	7,938,813		TX	90,586		CA	494,820		MA	89%	AK	89%
FL	6,925		MI	28		PA	220		FL	7,115,370		FL	80,710		FL	489,252		GA	88%	NH	86%
KS	4,247		IL	26		TX	391		NY	6,046,055		NY	71,462		NY	295,213		DE	85%	MA	85%
IL	3,111		WA	26		OK	67		IL	3,731,410		PA	46,970		GA	224,239		MO	85%	AL	84%
NC	3,027		WI	25		CH	212		PA	3,220,994		GA	40,025		CH	215,685		WA	84%	GA	84%
CH	2,936		IN	24		MA	104		NC	3,162,491		CH	39,675		PA	201,091		MN	84%	NM	83%
NJ	2,767		GA	21		AL	78		CH	3,117,109		IL	39,524		IL	184,397		DC	84%	NC	83%
MI	2,625		PA	20		AZ	46		GA	2,893,001		MI	38,317		MI	160,419		NH	83%	VT	83%
WA	2,458		VA	16		NY	287		MI	2,804,588		NJ	34,658		KY	143,632		WV	83%	RI	82%
53,258			364			1,648			51,223,437			577,464			2,950,391						
All states	86,413			595			4,344		All states	95,590,395			1,066,773			5,352,066		All states	70%		67%
Top ten	62%			61%			38%		Top ten	54%			55%			55%		Median	77%		75%

Some states not reporting

## Five most improved US states

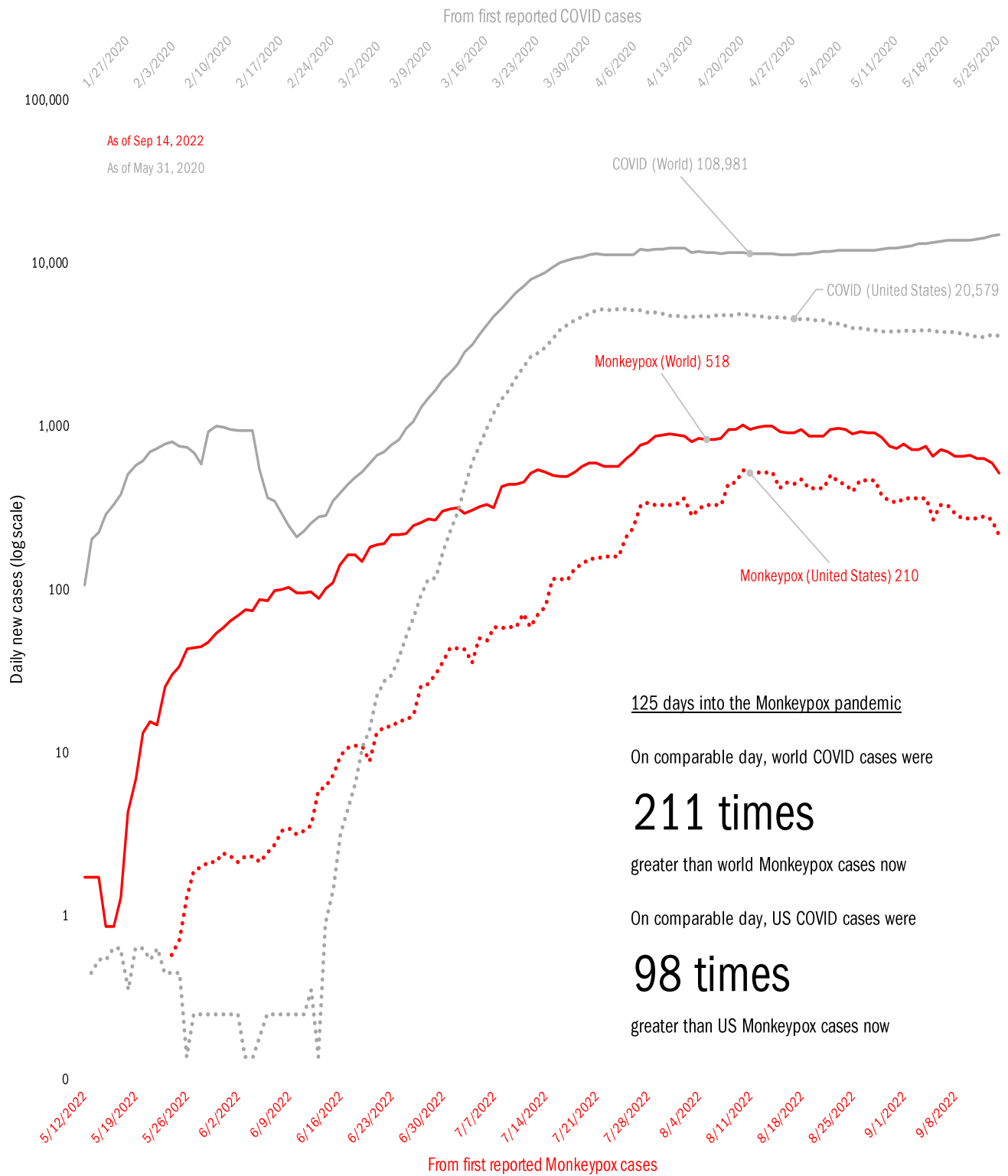
Fewer daily cases		Fewer new deaths		Fewer new hospitalizations	
TX	-8,154	TX	-39	KY	-77
NY	-2,716	NY	-29	CA	-67
FL	-1,412	ME	-7	IL	-60
IA	-675	CO	-4	TN	-50
DC	-249	FL	-4	WI	-38



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

# The Monkeypox contextualizer

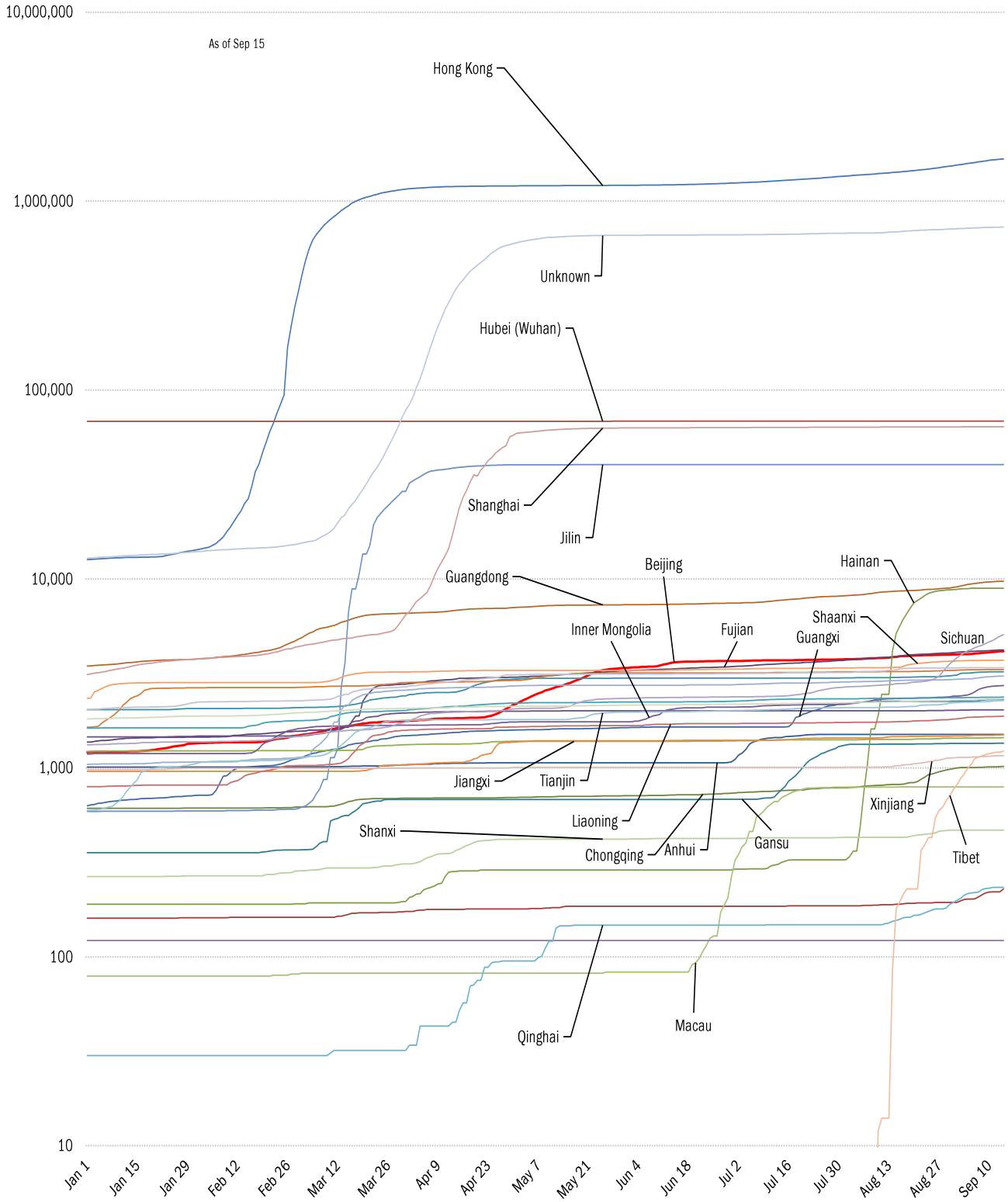
## The course of case growth versus COVID



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

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

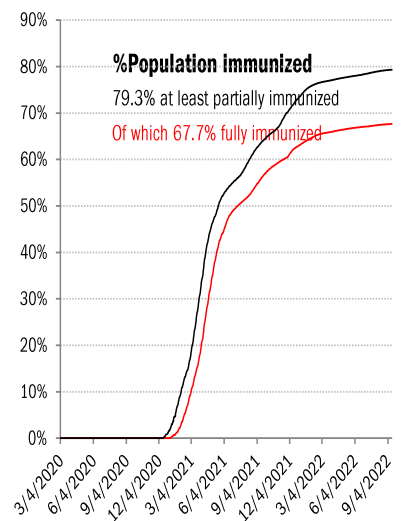
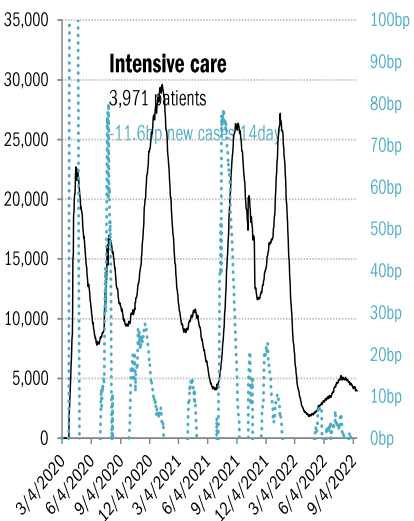
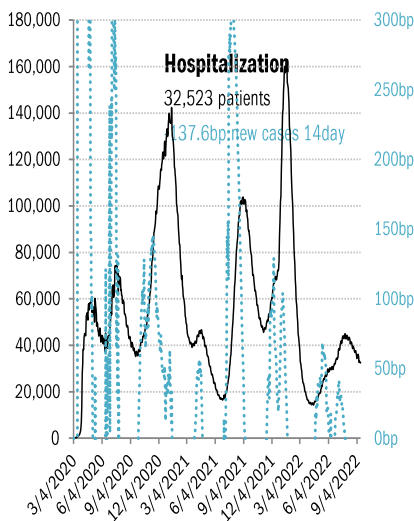
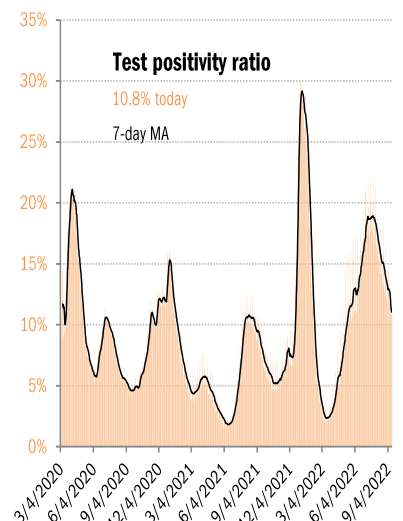
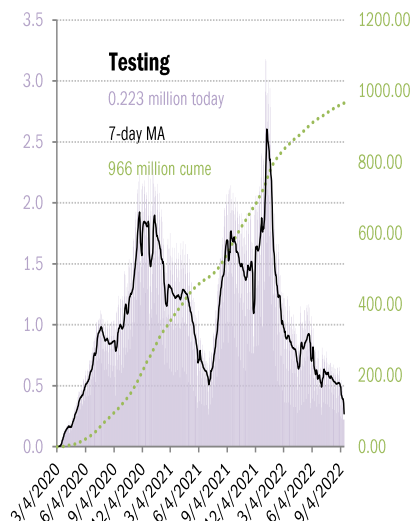
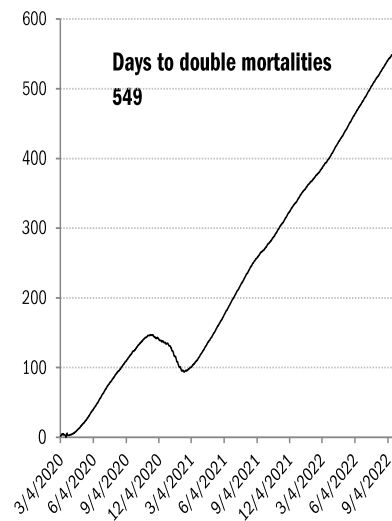
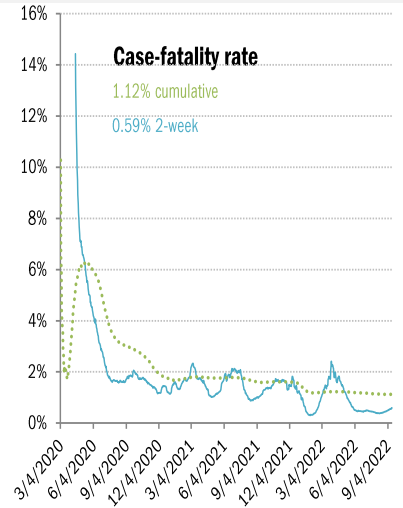
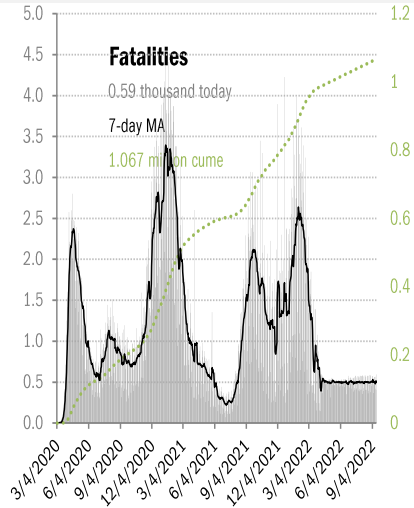
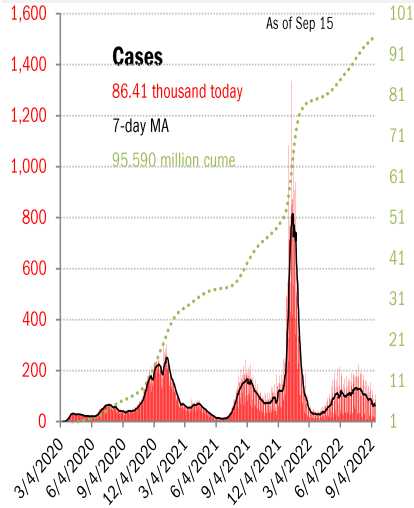
*Cumulative reported cases this year, log scale: flat line indicates "zero Covid"*



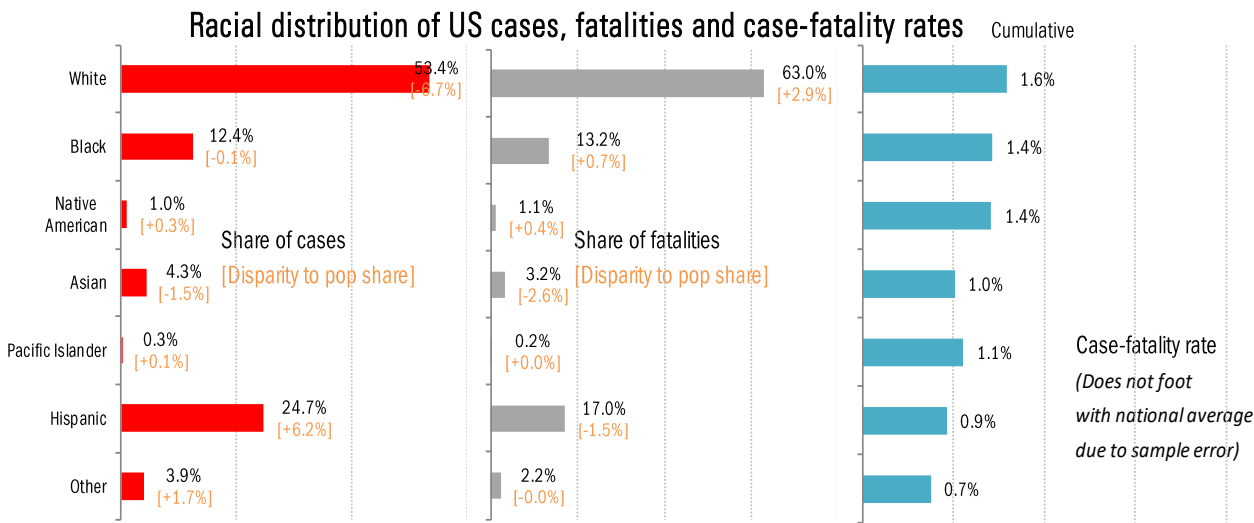
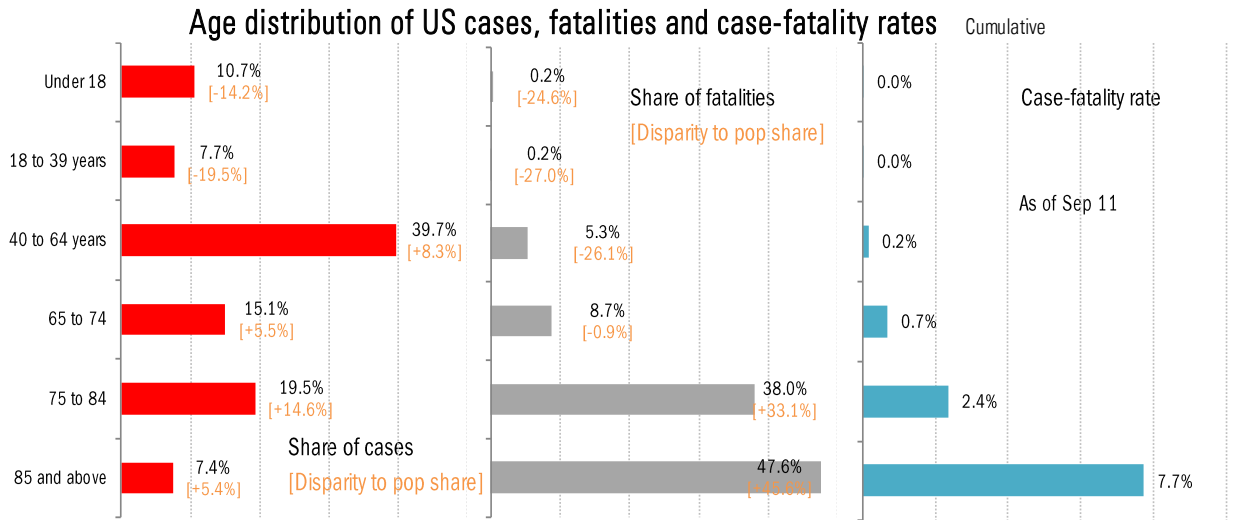
Source: [Johns Hopkins](#), TrendMacro calculations



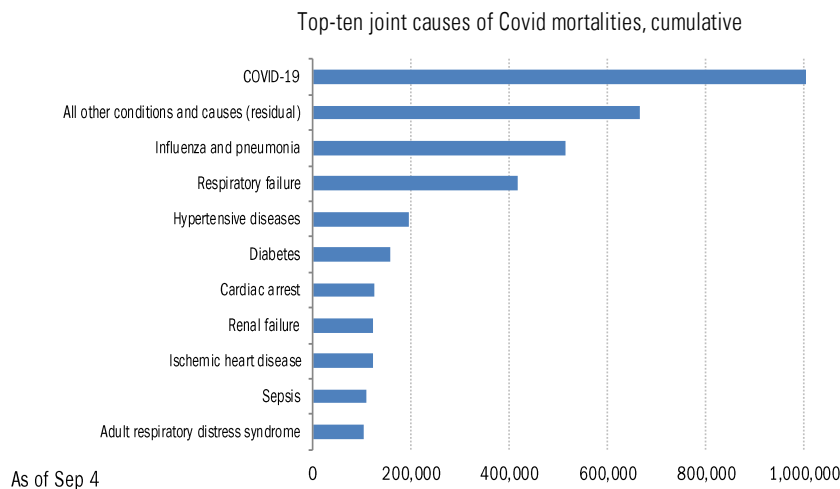
# US deep-dive



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

[Scientists hail autoimmune disease therapy breakthrough](#)

Ian Sample  
*The Guardian*  
September 15, 2022

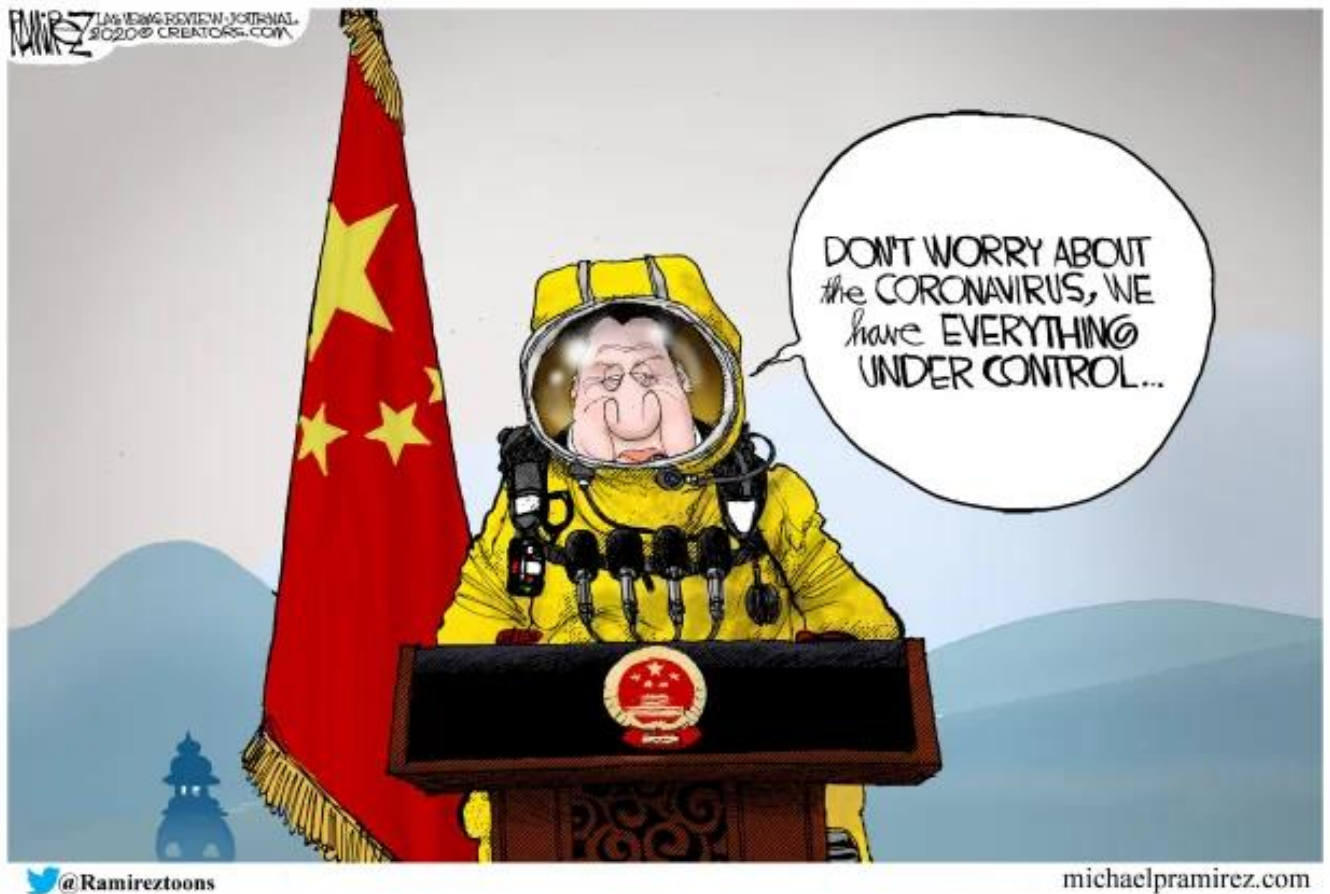
[Dr. Ashish Jha should be fired](#)

Steve Kirsch  
*Steve Kirsch's Newsletter*  
September 15, 2022

[Get your omicron-specific Covid booster by Halloween, says Dr. Jha: 'You don't want to be that person who gives it to your grandma'](#)

Annika Kim Constantino  
*CNBC*  
September 15, 2022

## Meme of the day

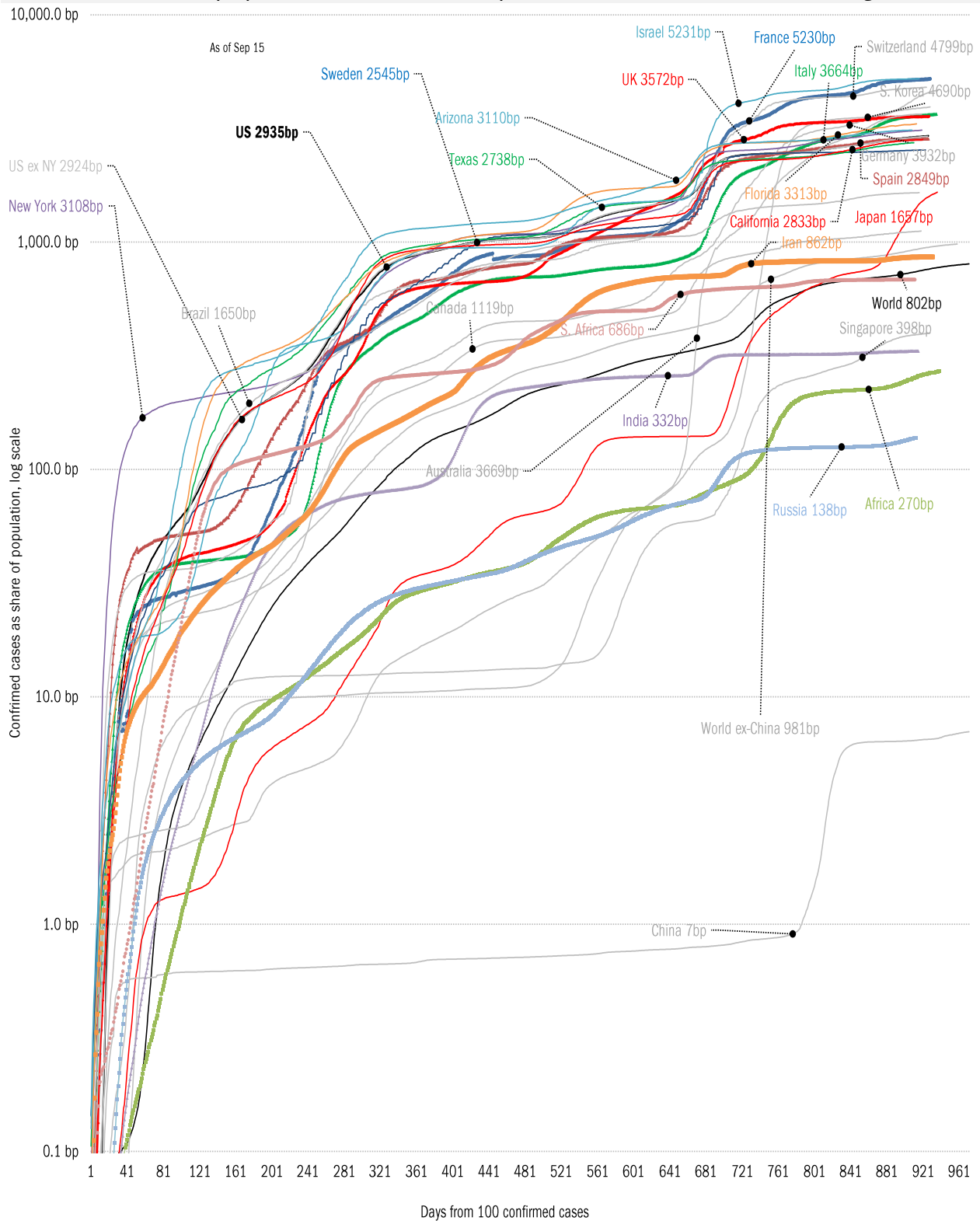


Source: Our beloved clients, [Power Line blog "The Week in Pictures"](#) and [CTUP](#)



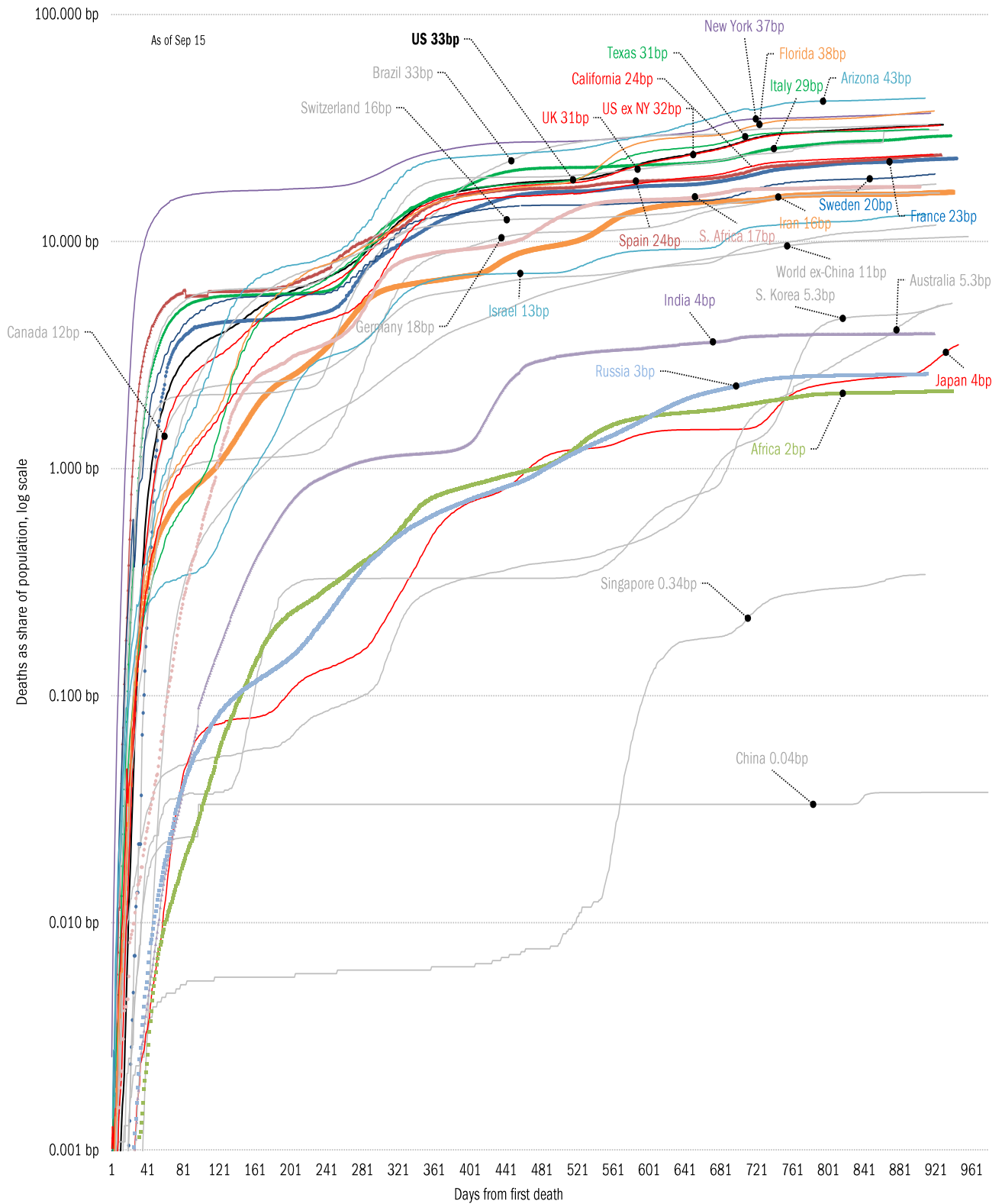
# The global coronavirus case accelerometer... tracking the world's infection curves

*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*

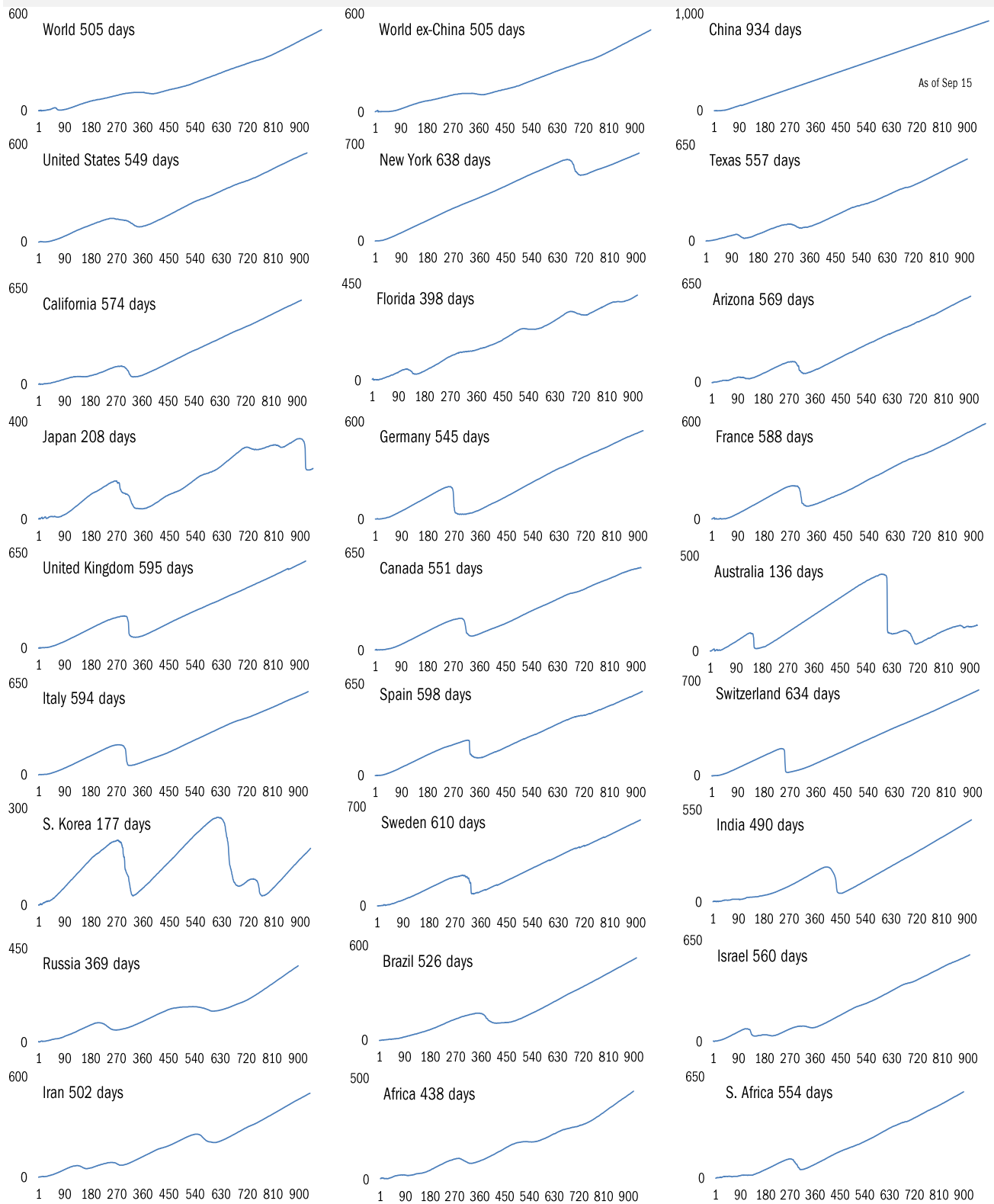


Source: [Johns Hopkins](#), TrendMacro calculations

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

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

Higher is good Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread

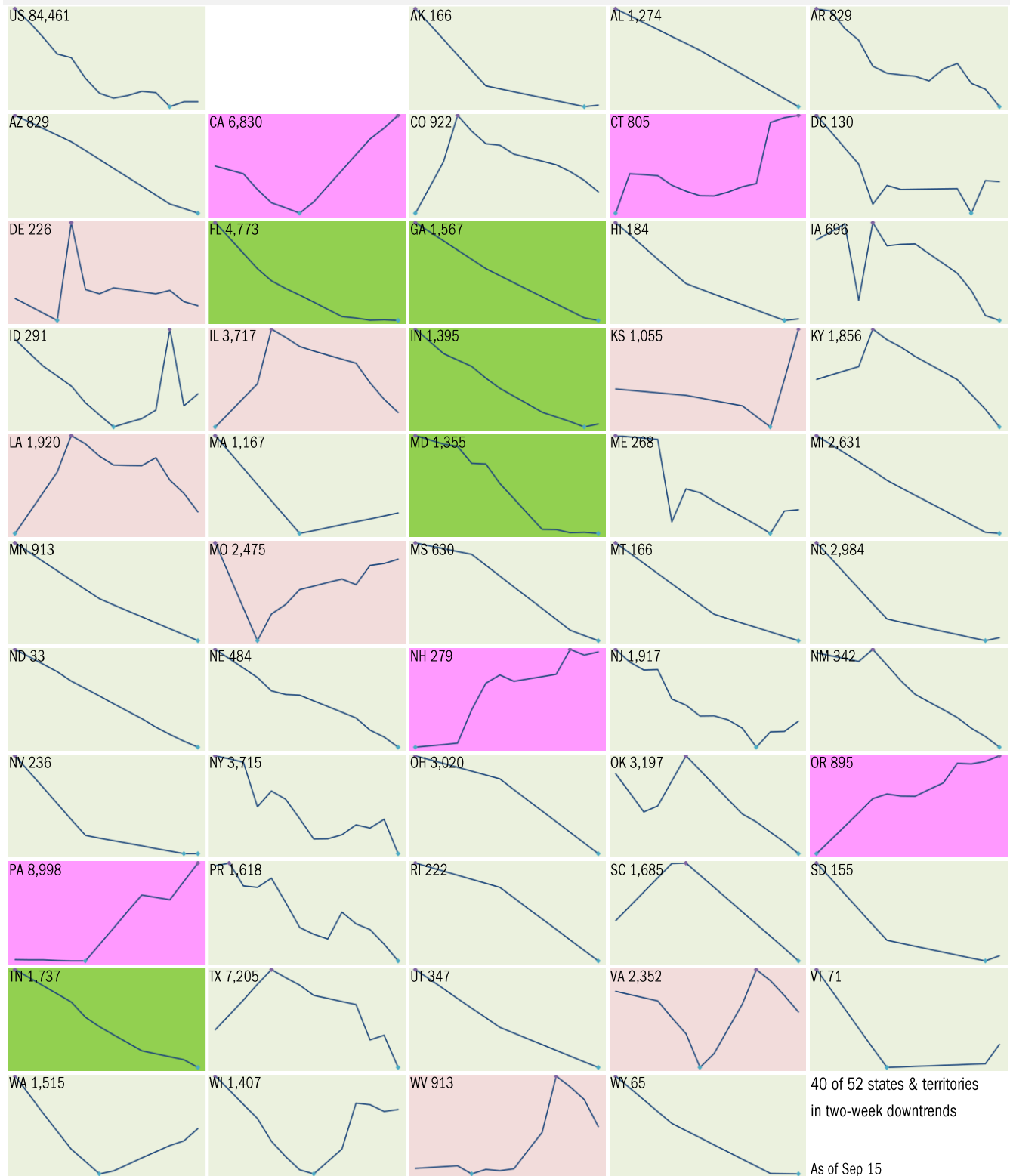


Source: [Johns Hopkins](#), TrendMacro calculations

# 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

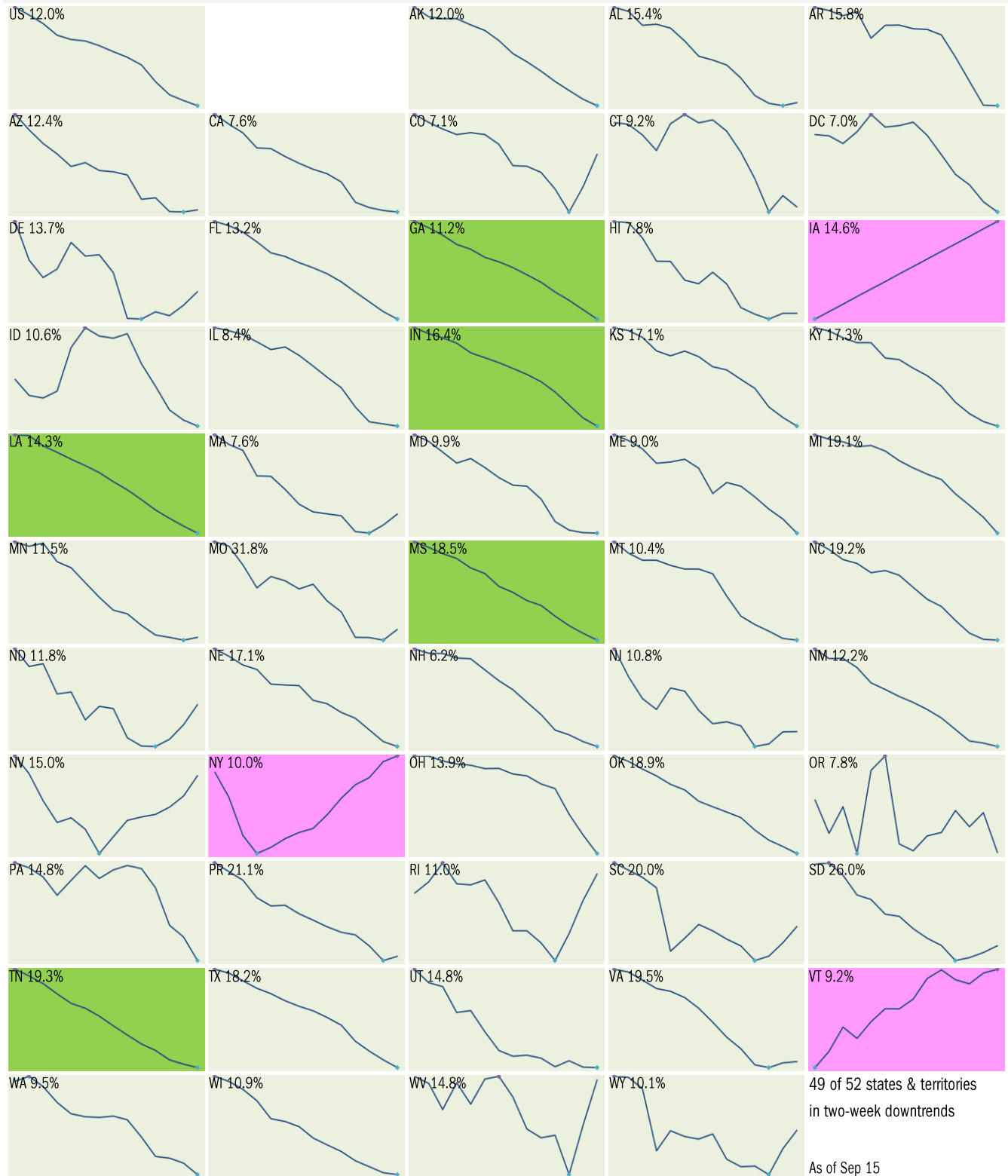


Source: [Johns Hopkins](#), TrendMacro calculations

# 14-day trajectory in test-positivity ratio

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

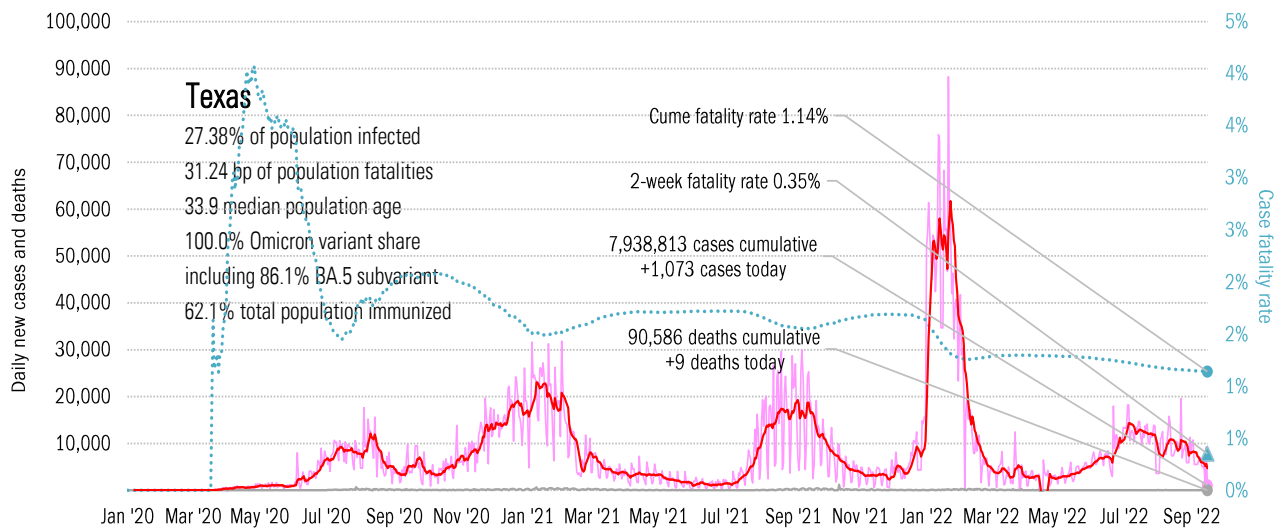
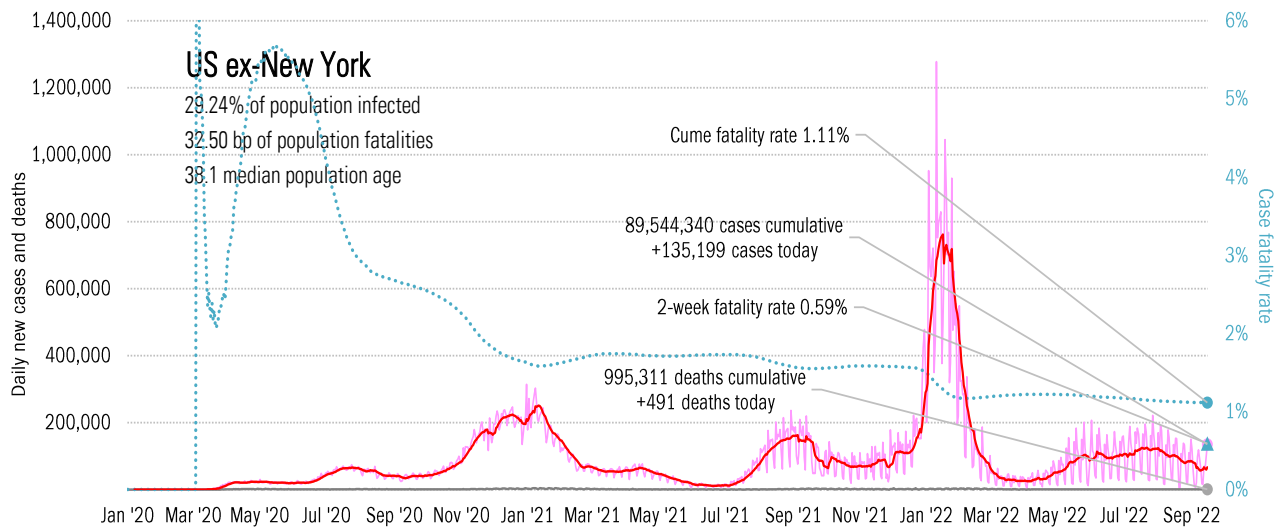
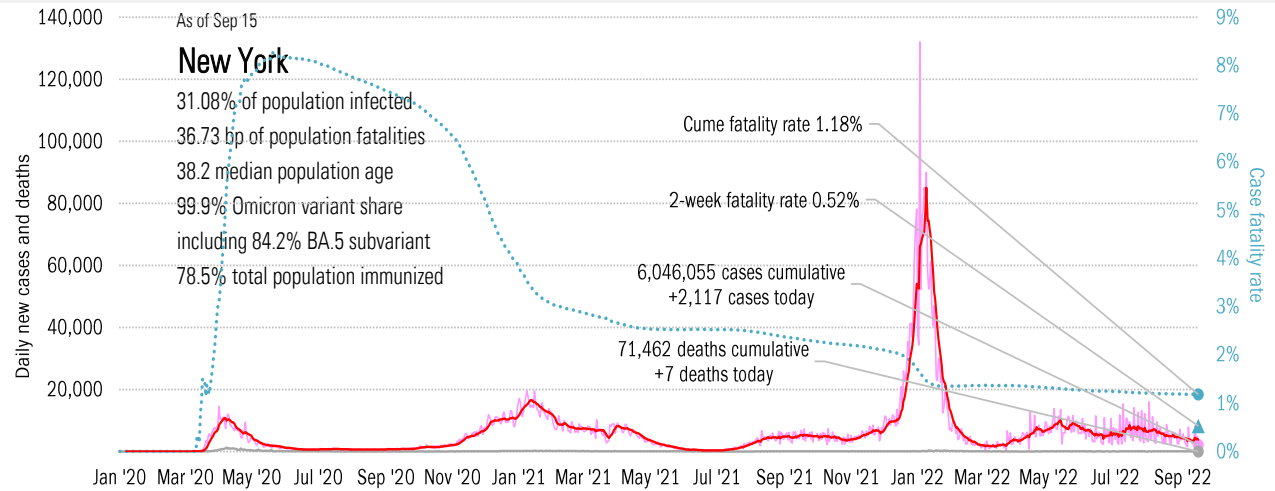
■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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

# From Ground Zero to the Rio Grande

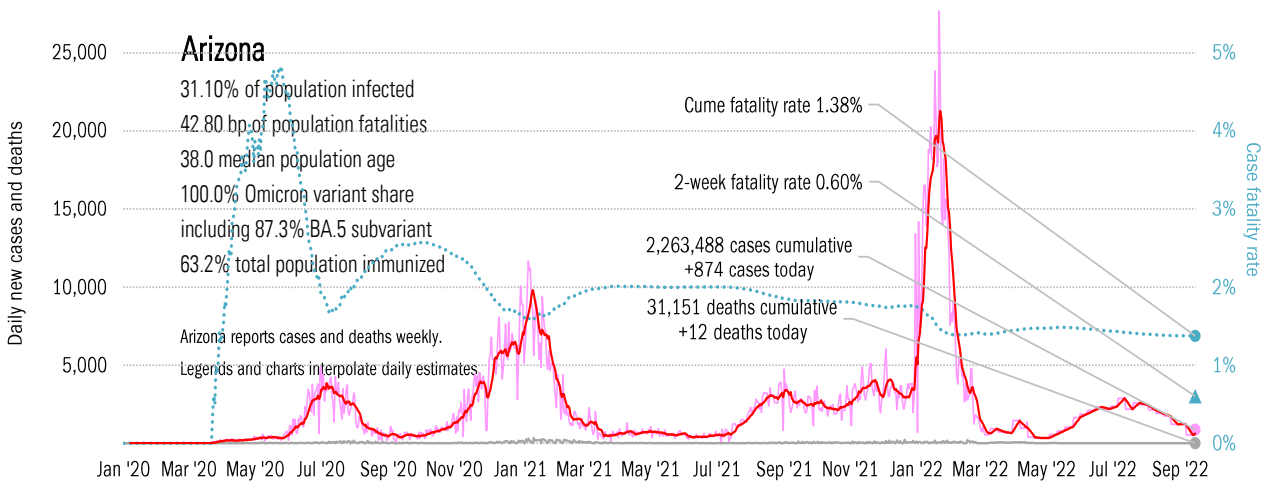
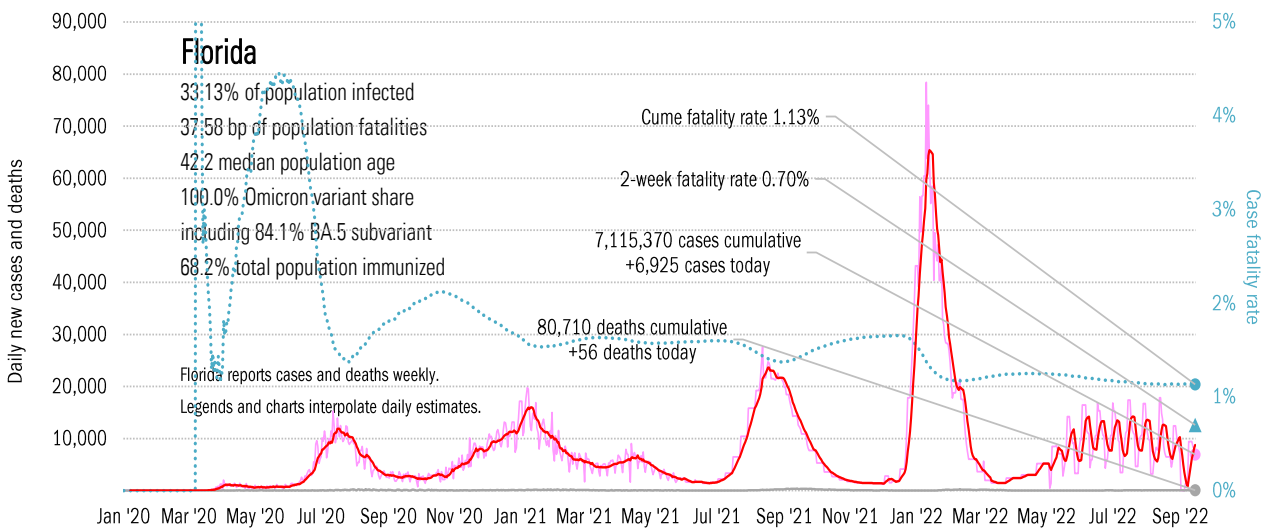
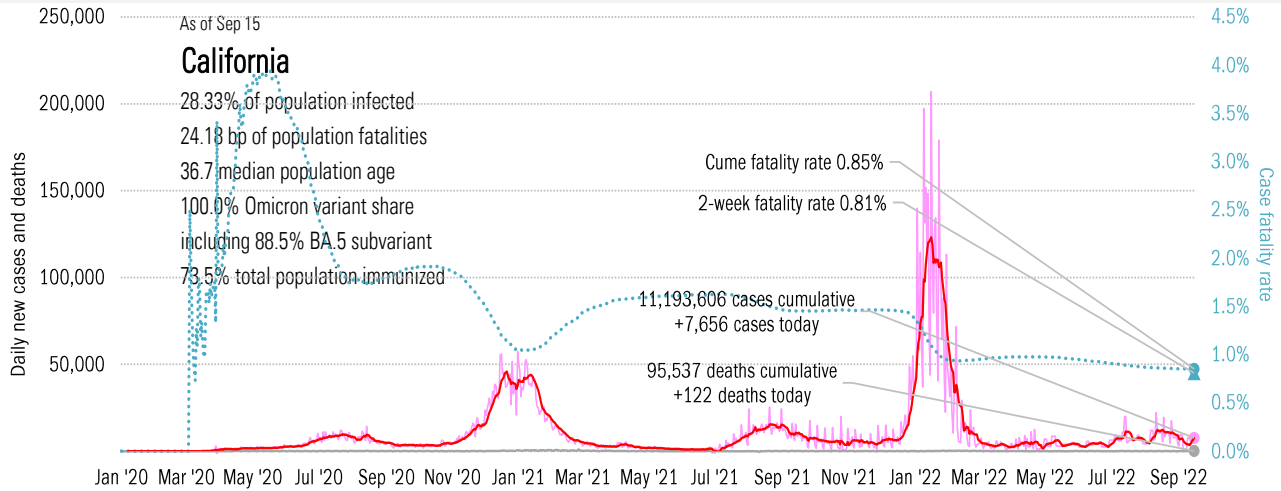
Cases: 7-day average and daily Deaths: Daily



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

# The sun-belt hot-spot states

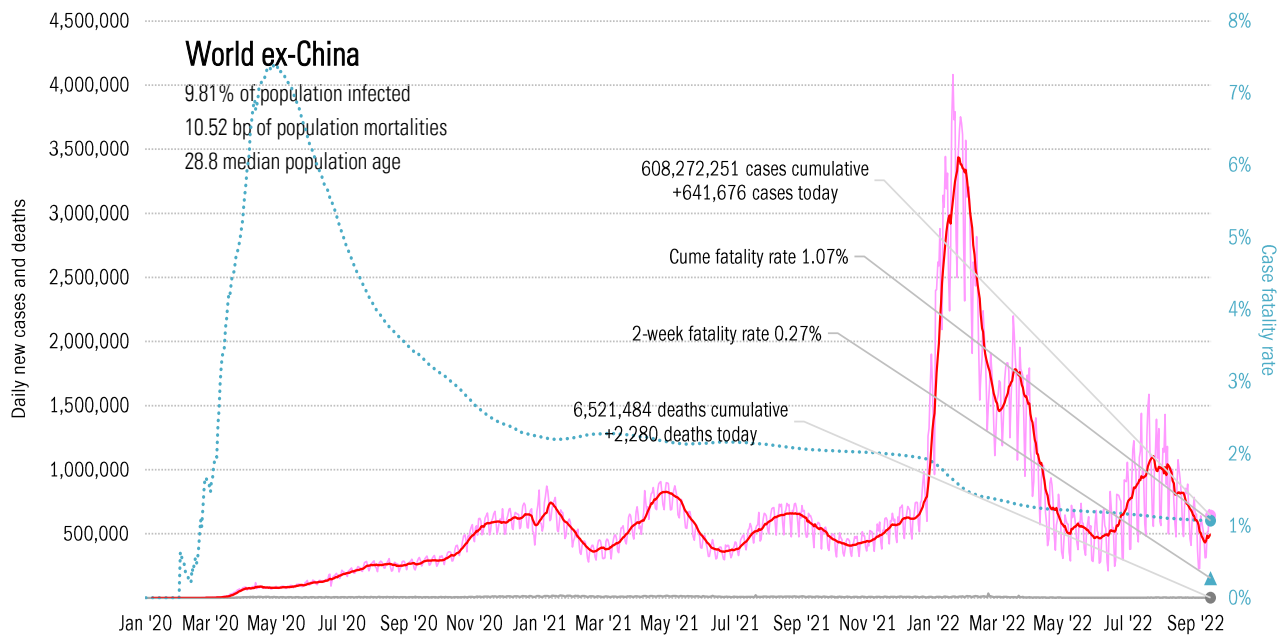
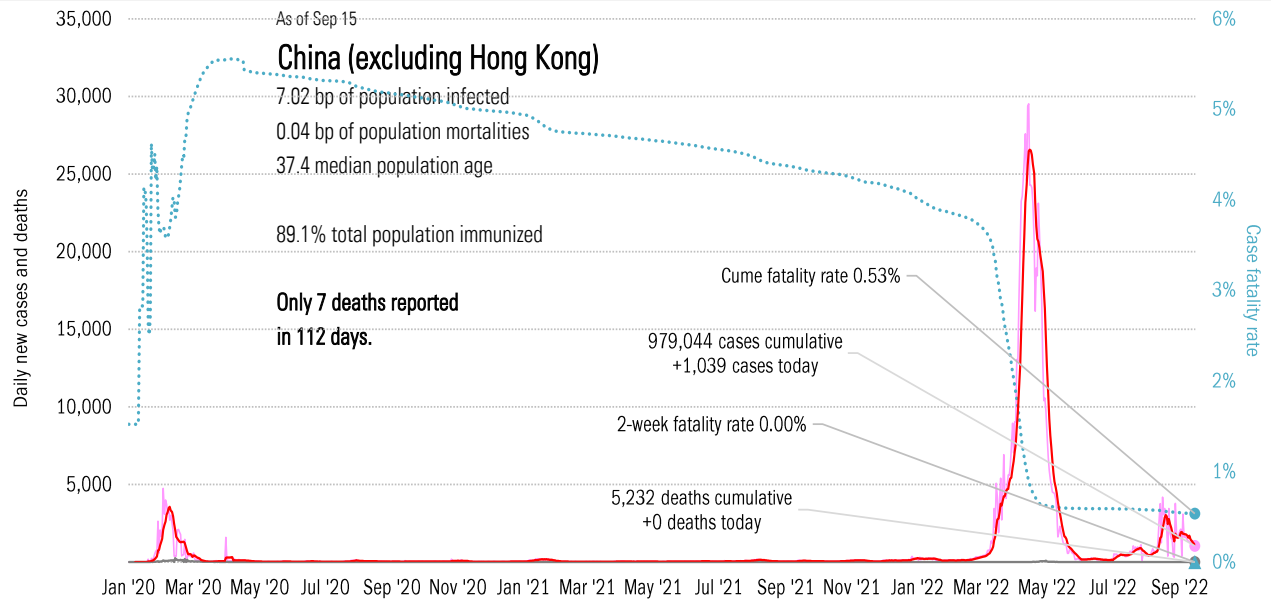
Cases: 7-day average and daily Deaths: Daily



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

# Patient zero... and then everyone else

Cases: 7-day average and daily Deaths: Daily

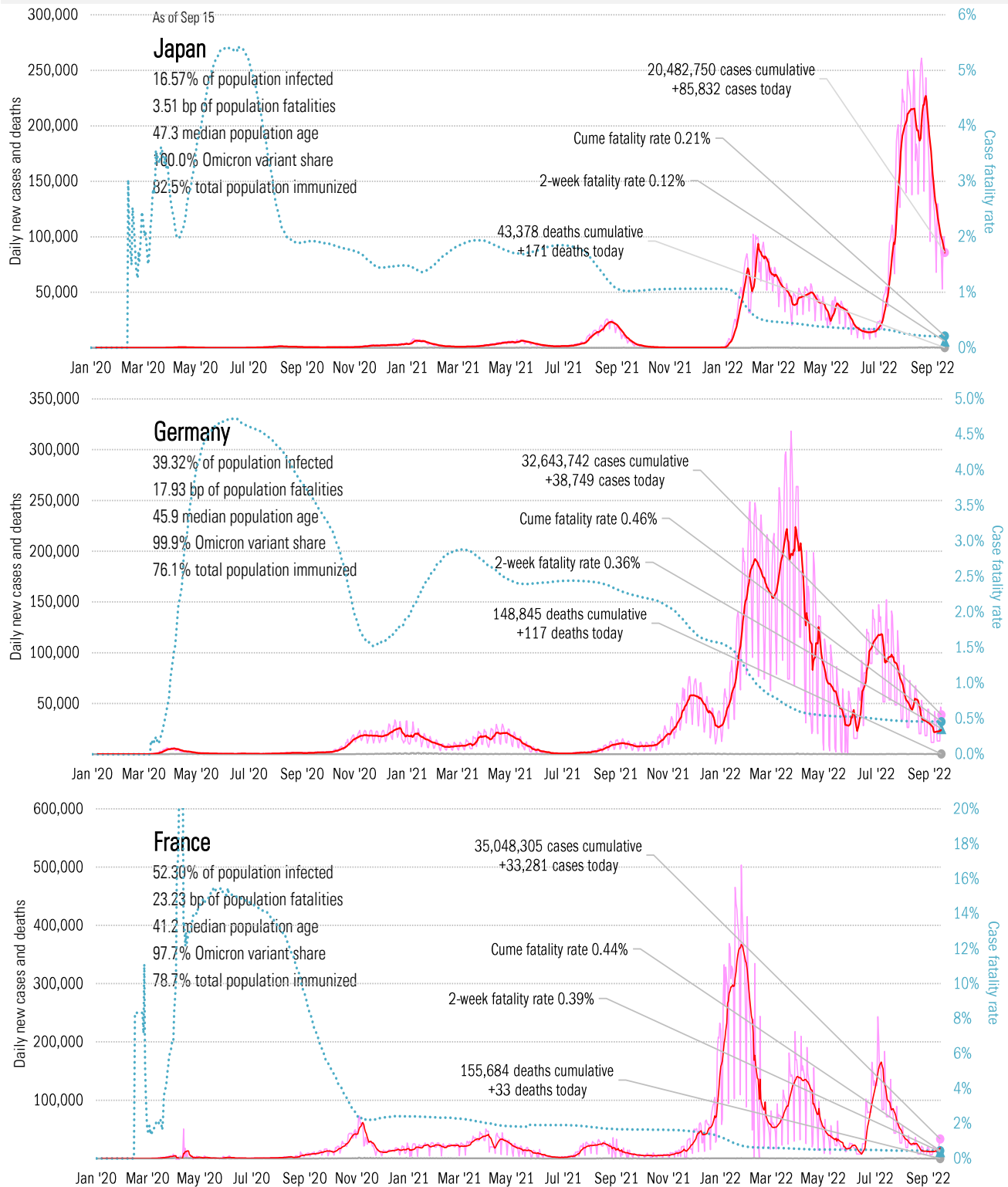


Source: [Johns Hopkins](#), TrendMacro calculations



# Impact in the largest economies

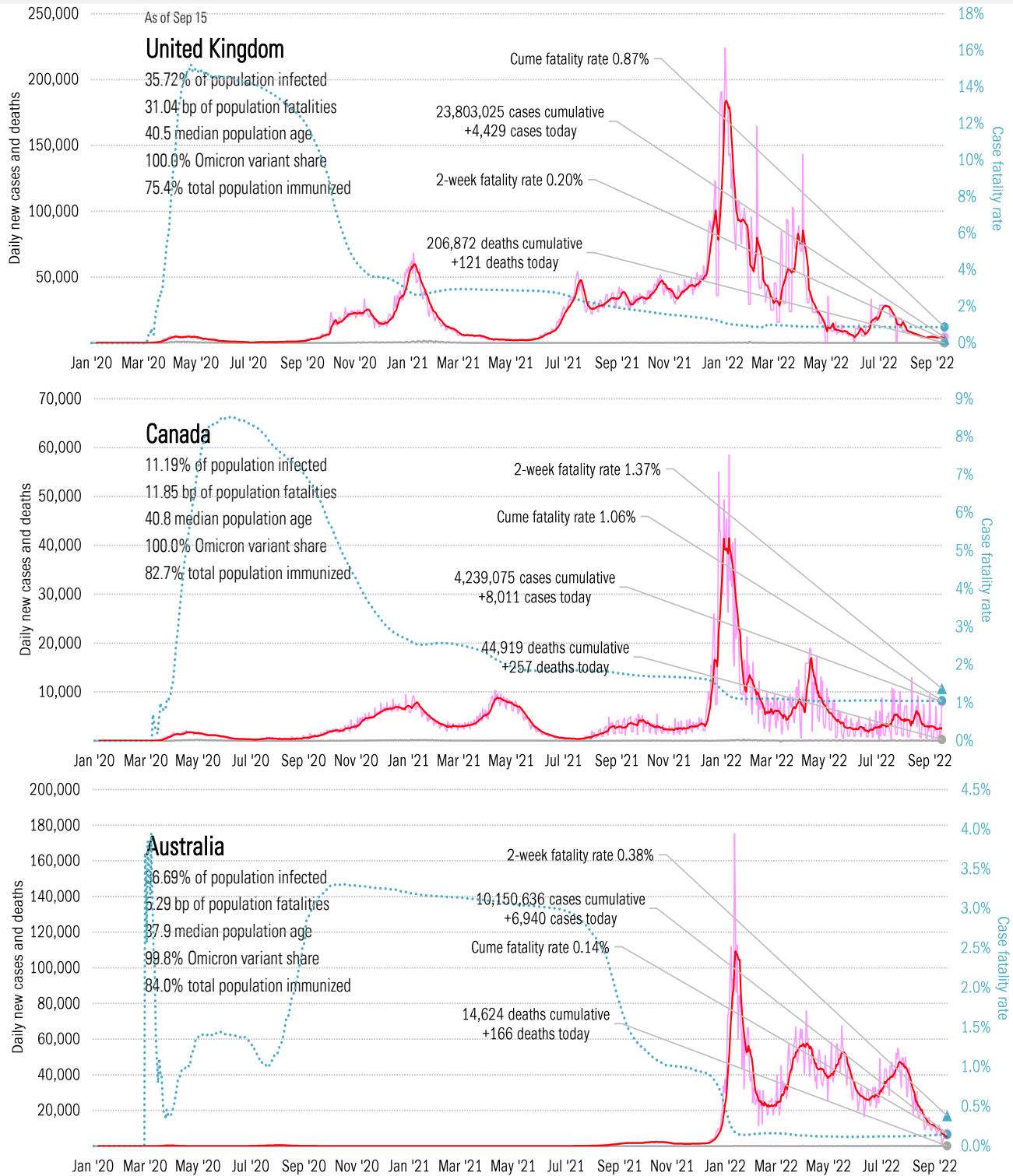
Cases: 7-day average and daily Deaths: Daily



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

# Impact in The Anglosphere

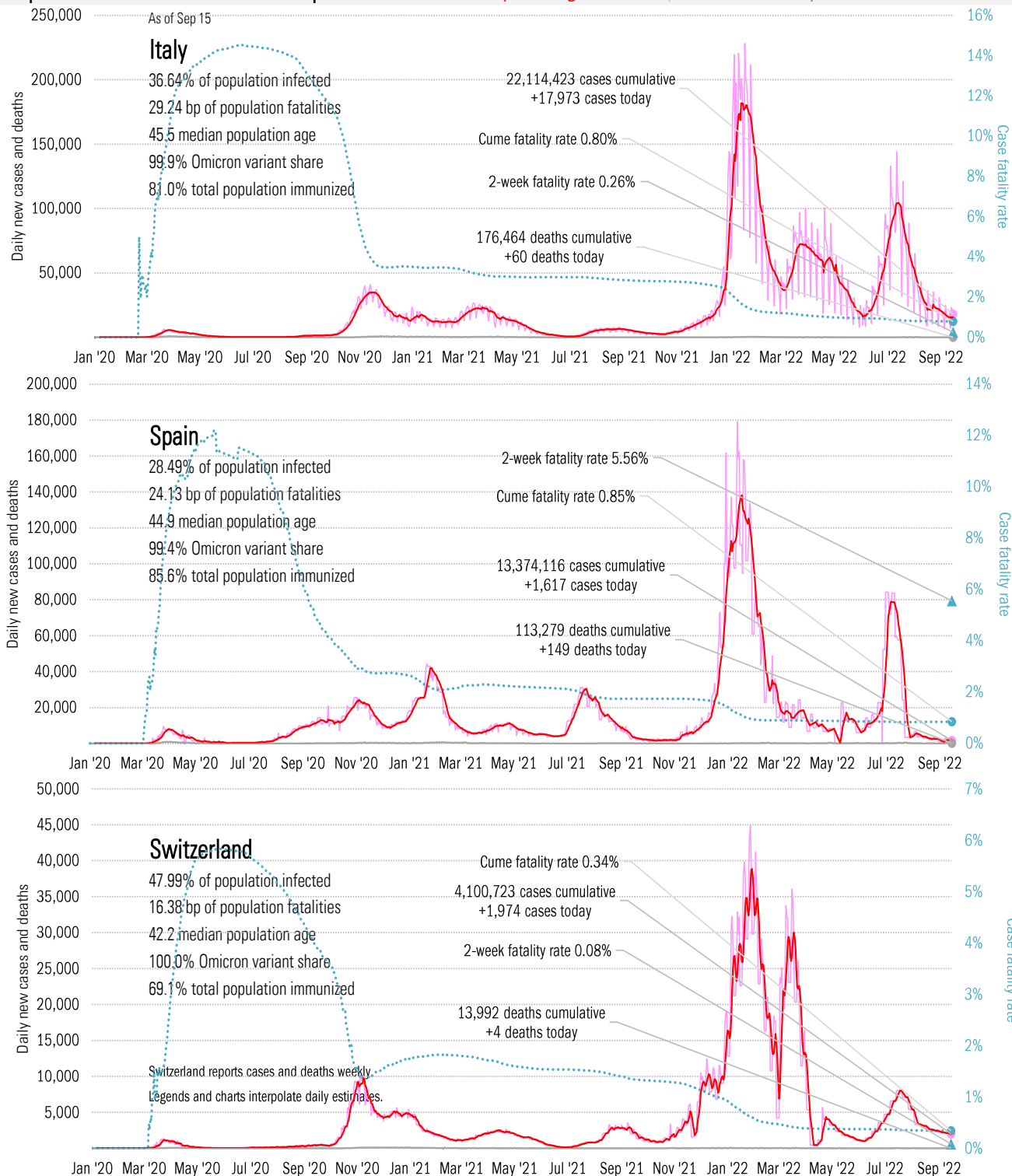
Cases: 7-day average and daily Deaths: Daily



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

# Impact in continental Europe

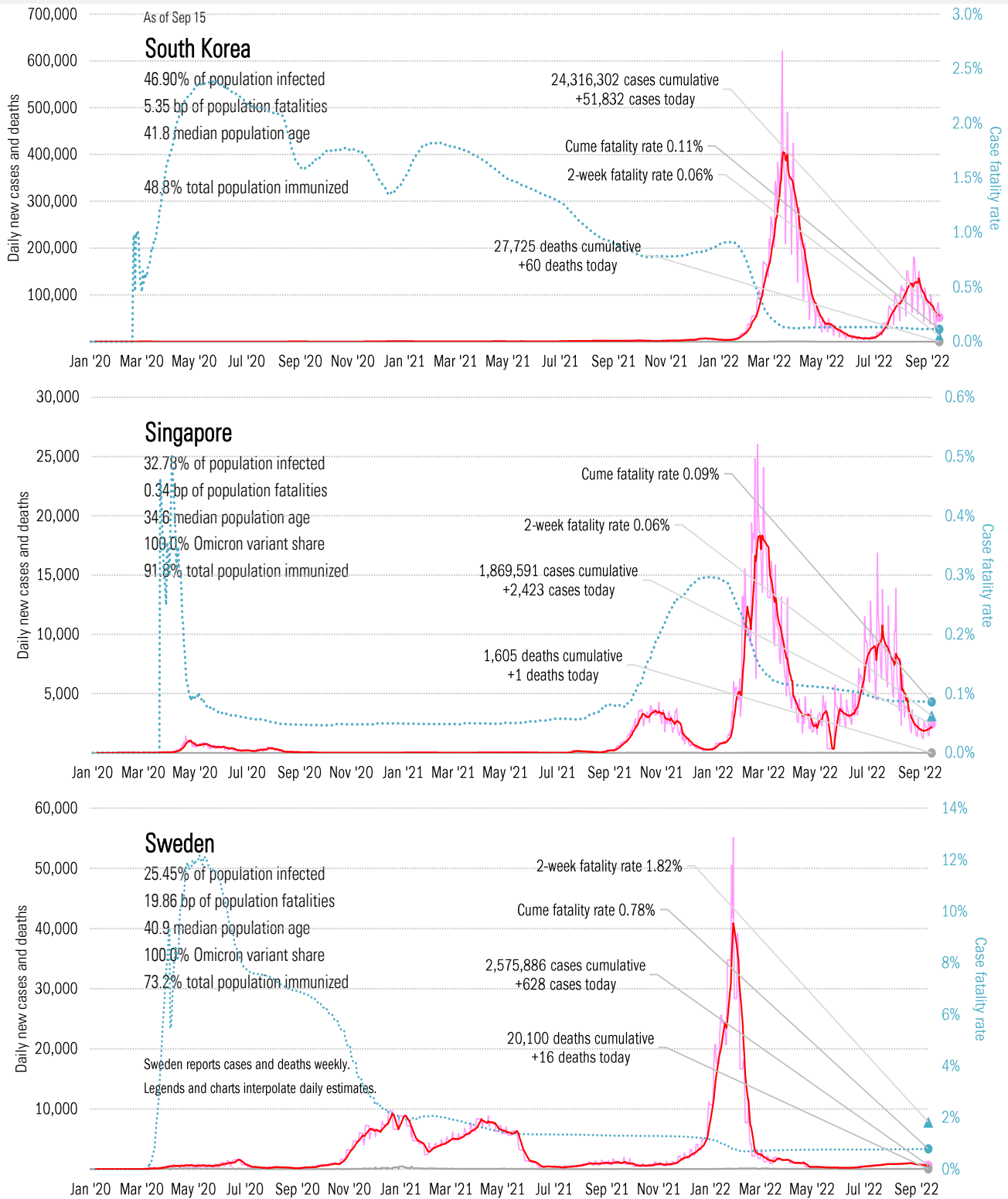
Cases: 7-day average and daily Deaths: Daily



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

# Impact in other hot-spots

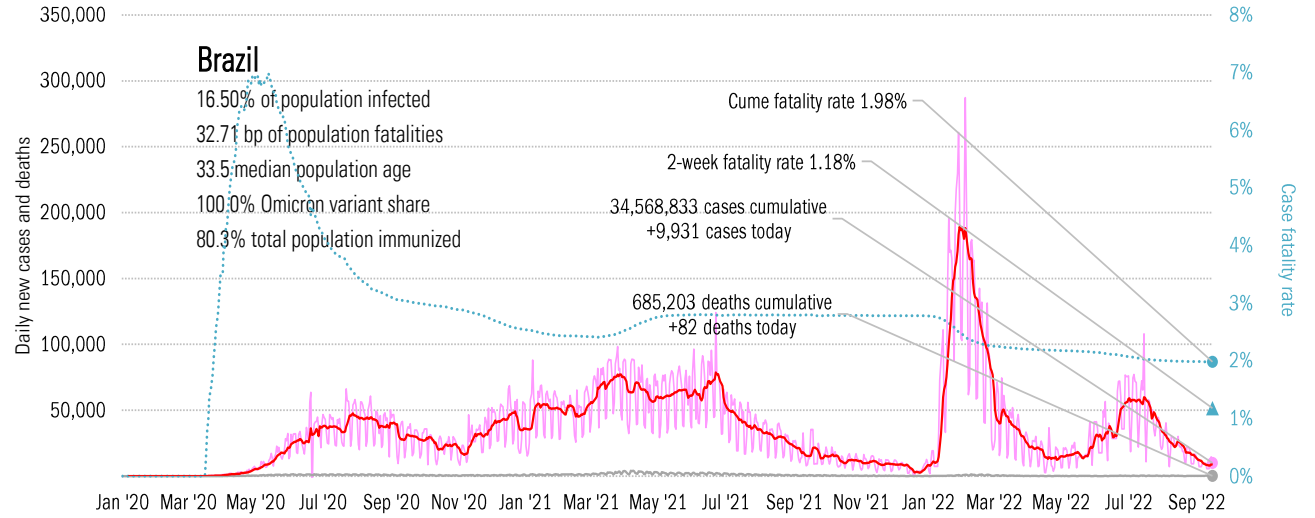
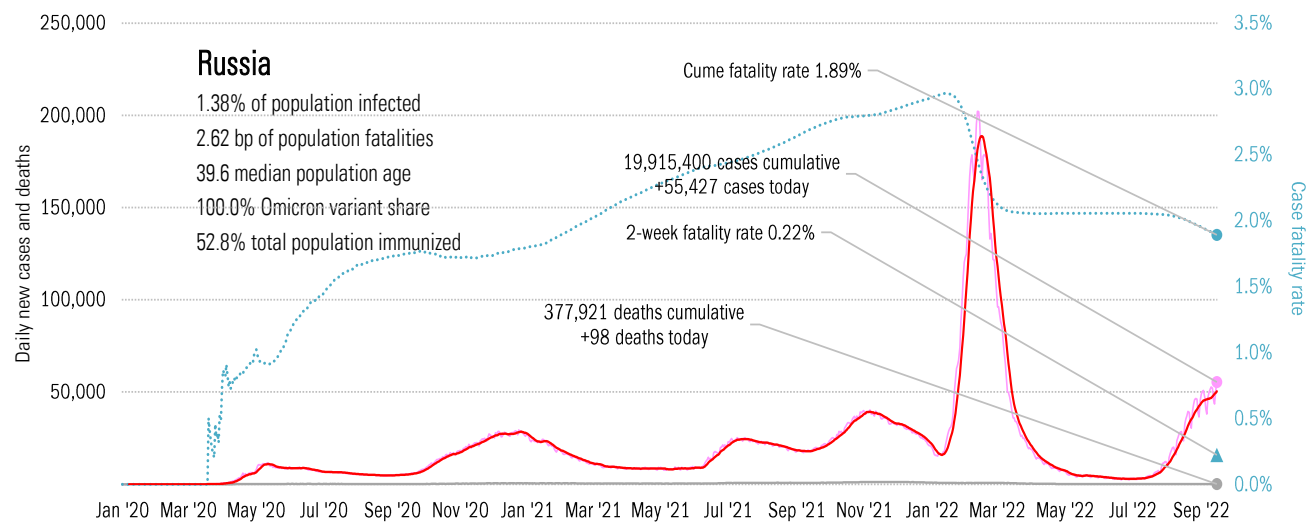
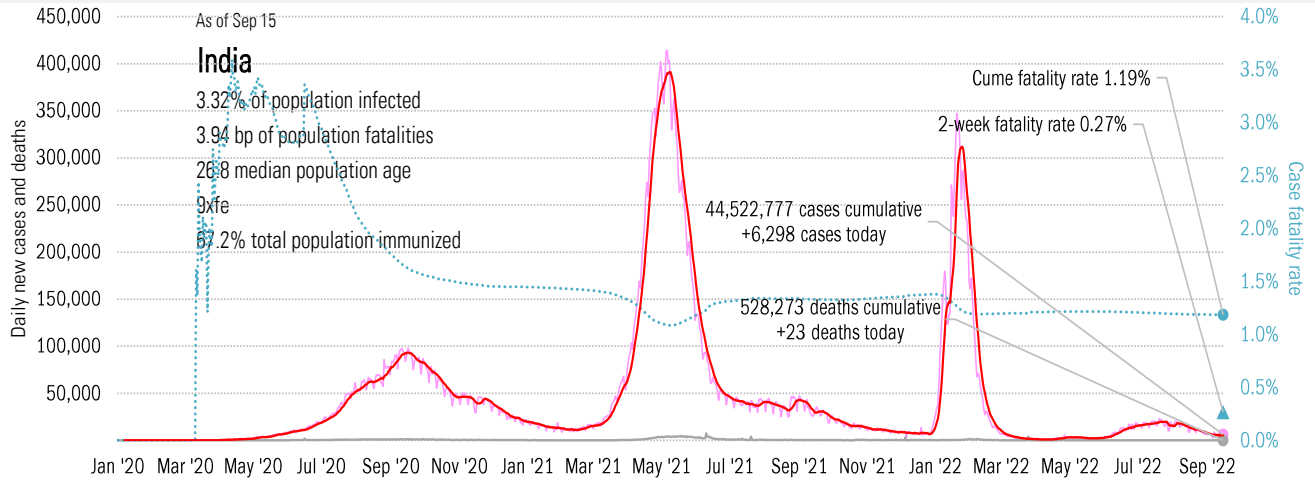
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the BRICs ex-China

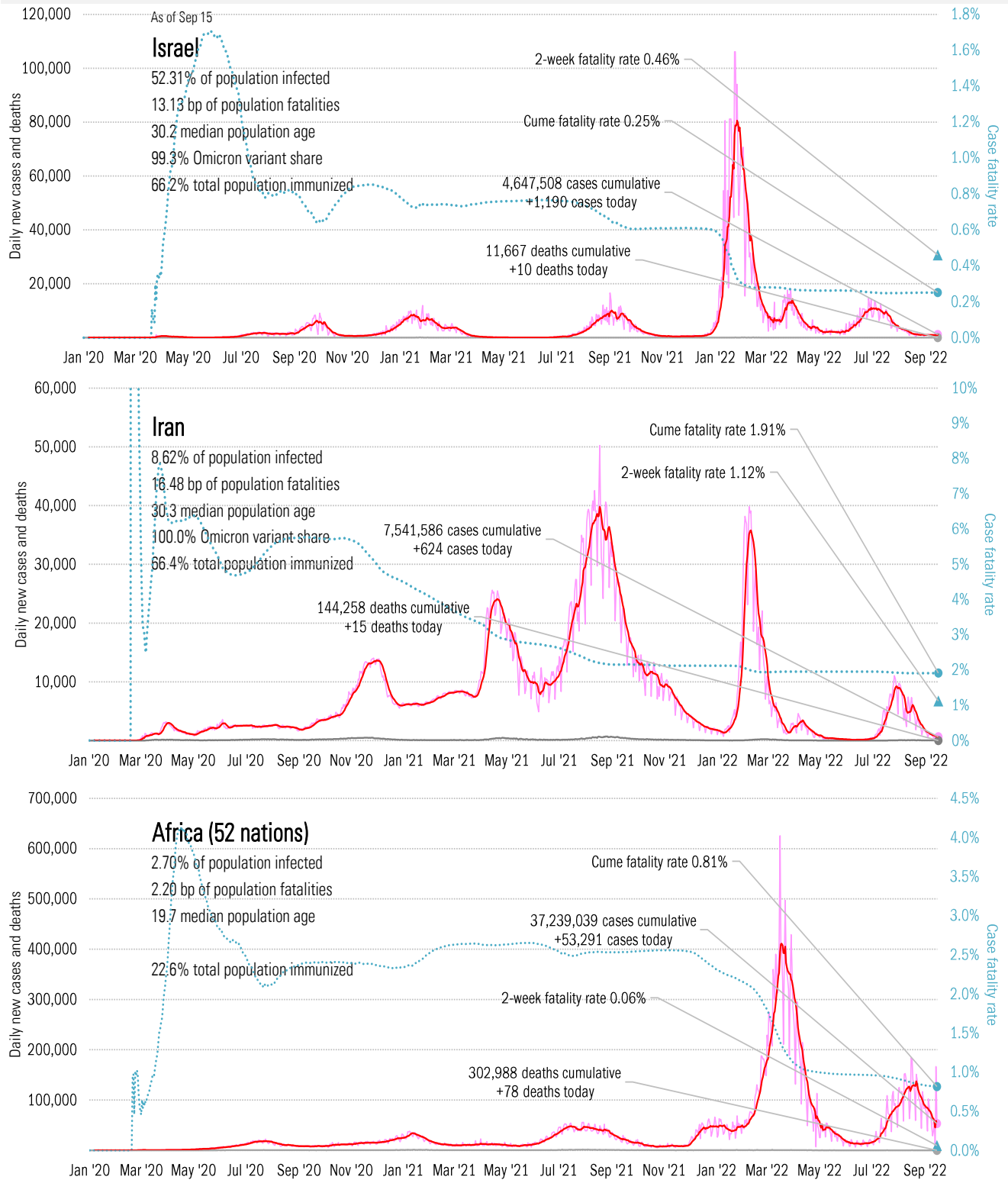
Cases: 7-day average and daily Deaths: Daily



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

# Impact in the Middle East and Africa

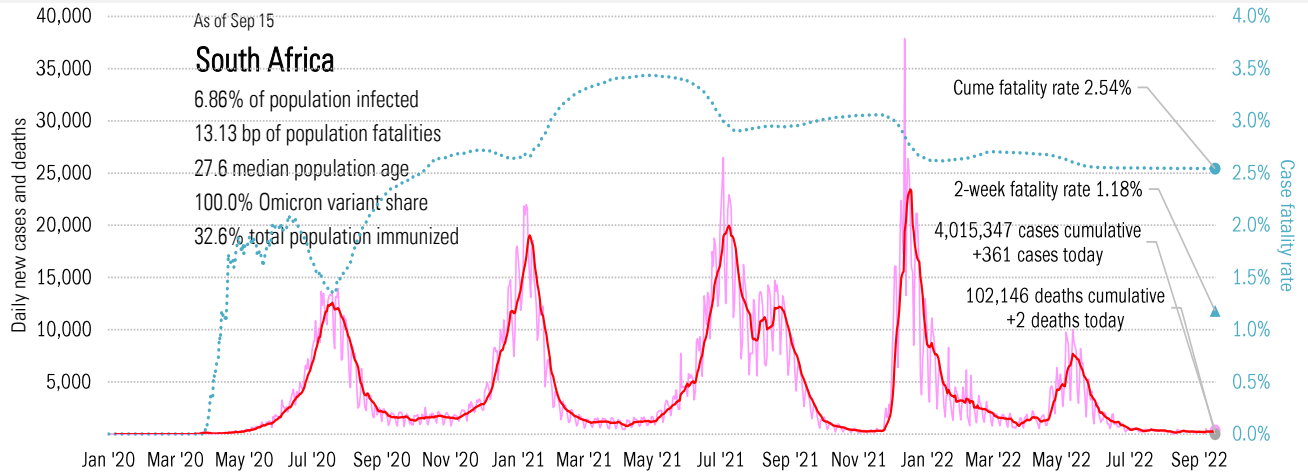
Cases: **7-day average** and **daily** Deaths: Daily



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

# Impact in Africa, continued

Cases: 7-day average and daily Deaths: Daily



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