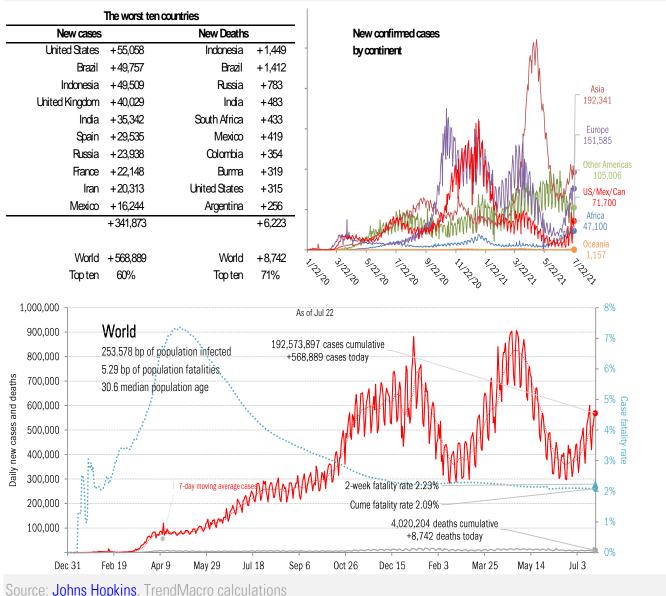


Data Insights: Covid-2019 Monitor

Friday, July 23, 2021

The global scorecard



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The US scorecard

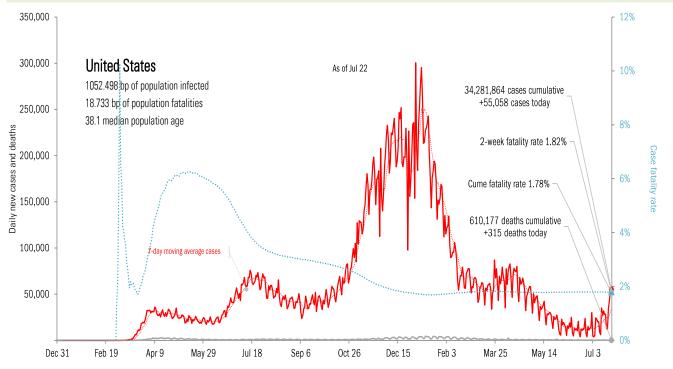
The ten worst	I IC atatas	
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New cases		New Deaths		New in hospital		Oume cases		Cume deaths		Cume in hospital		Hospital use		ICU use	
CA	+10,340	CA	+72	FL.	+206	CA	3,893,526	CA	64,235	TX	260,020	R	89%	MO	27%
TX	+6,869	TX	+31	TX	+100	TX	3,064,743	NY	53,798	CA	244,496	MA	85%	AR	23%
FL.	+6,493	FL.	+29	CA	+80	FL.	2,461,491	TX	52,935	FL.	196,191	MD	85%	NV	22%
MO	+3,278	KS	+20	GA	+55	NY	2,131,535	FL.	38,410	NY	137,570	MO	84%	UT	20%
LA	+2,834	AR	+15	LA	+48	IL	1,406,459	PA	27,819	GA	111,387	PA	82%	WY	17%
WA	+2,562	LA	+15	AL	+43	PA	1,223,026	NJ	26,564	PA	92,342	FL.	81%	MS	15%
GA	+2,144	TN	+15	AZ	+33	GA	1,155,208	IL	25,831	СH	88,864	CT	81%	FL.	14%
IL	+1,993	WV	+14	NY	+28	СH	1,120,120	GA	21,605	L	83,639	NV	81%	TX	13%
AR	+1,860	GA	+12	NV	+24	NJ	1,031,346	MI	21,124	KY	80,000	DC	81%	СK	13%
NC	+1,800	NC	+12	UT	+23	NC	1,029,931	СH	20,449	MI	73,744	MN	80%	ID	13%
	+40,173		+235		+640		18,517,385		352,770		1,368,253				
All states	+61,551		+344		+611	All states	34,281,864		610,177		2,437,679	All states	70%		67%
Topten	65%		68%		105%	Topten	54%		58%		56%	Median	73%		5%

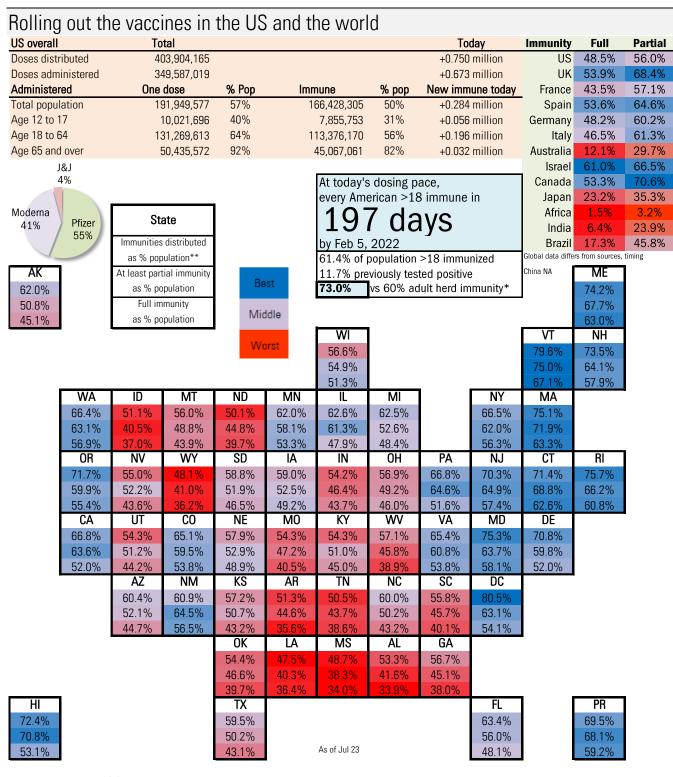
Some states not reporting

Five most improved US states

Fewer daily cases	Fewer new deaths	Fewer new hospitalizations	Most pop immunuity growth		
LA -2,554	OK -37	KY -364	AL +20 bp		
IA -1,395	NV -20	AR -57	WY +20 bp		
TX -1,317	FR -14	OH -44	PR +20 bp		
FR -1,191	IA -12	MO -33	AR +10 bp		
AK -475	GA -10	MS -24	LA +10 bp		



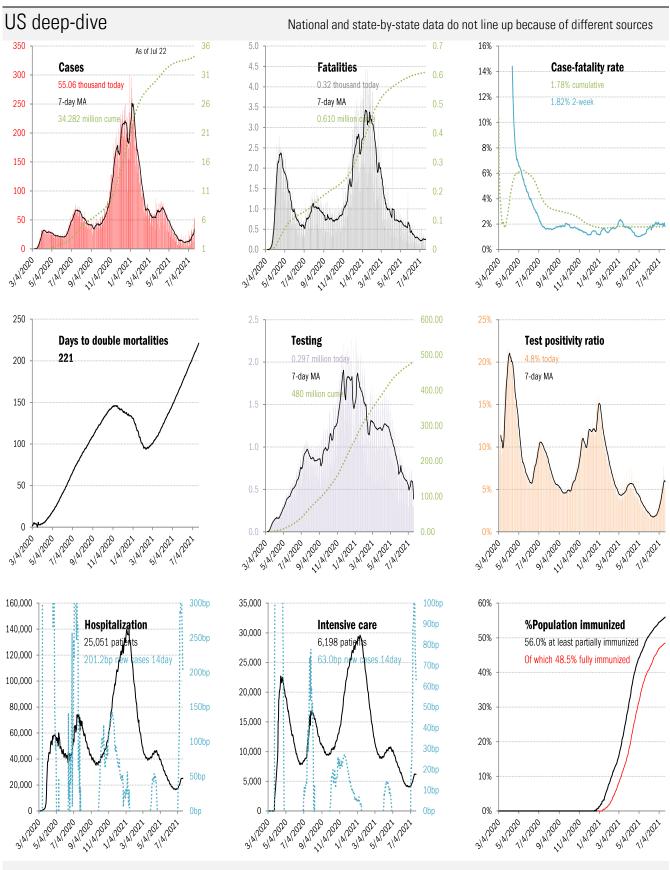
Source: Johns Hopkins, Dept. of Health and Human Services, CDC, TrendMacro calculations



^{*} Includes persons >18 fully immunized or previosuly tested positive, no overlap. Disregards untested positives, natural immunities.

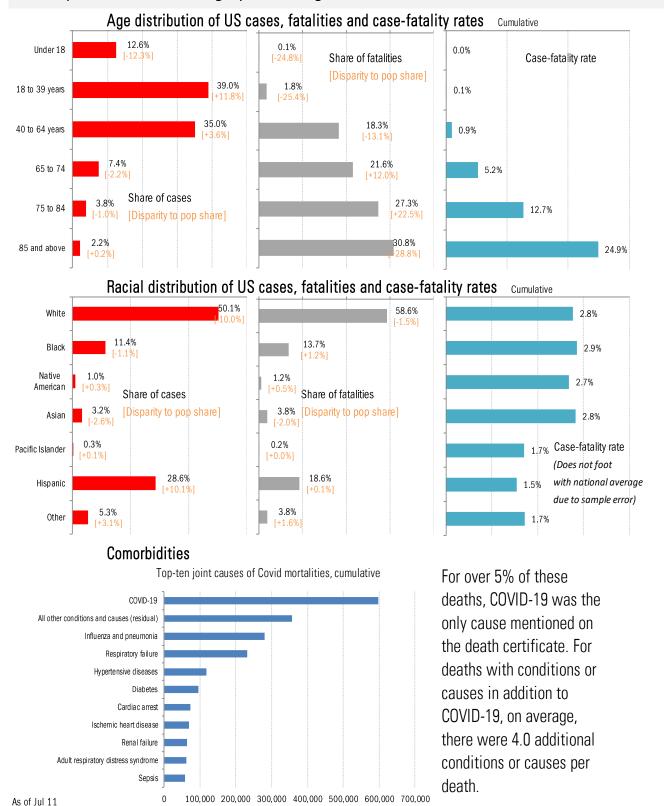
Source: CDC, CDC, Our World in Data, TrendMacro calculations

^{**} One dose of Pfizer/Moderna counts as half an immunity, one dose of J&J as a full immunity



Source: Johns Hopkins, Covid Act Now, TrendMacro calculations

US deep-dive on the demographics of age, race and health <u>Updates weekly on Sundays</u>



Source: Distributions CDC, Comorbidities CDC, TrendMacro calculations

Recommended reading

Why Covid-19 Vaccines Work Well Against Delta Variant

Jared S. Hopkins *New York Times* July 22, 2021

Why Vaccinated People Are Getting 'Breakthrough' Infections

Apoorva Mandavilli *New York Times* July 22, 2021

Polling on Mandatory or Voluntary Vaccination

Trafalgar Group July 2021

<u>Sen Rand Paul says he's asking DOJ for 'a criminal referral' into Fauci</u>

Joseph Guzman Changing America July 21, 2021

Covid May Have Claimed as Many as 5 Million Lives in India

Bibhudatta Pradhan and Abhijit Roy Chowdhury *Bloomberg* July 21, 2021

Boy Dies of Bird Flu in India's First Case of Human Death

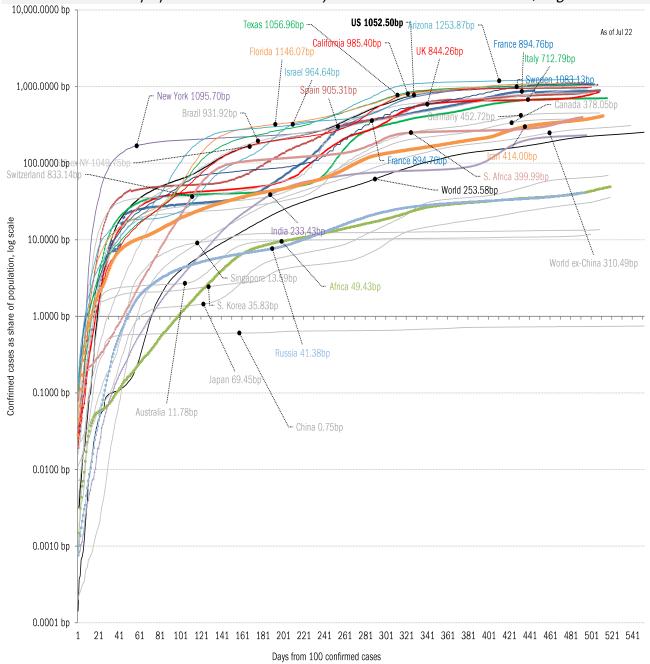
Bibhudatta Pradhan and Atul Prakash *Bloomberg*July 21, 2020

Meme of the day

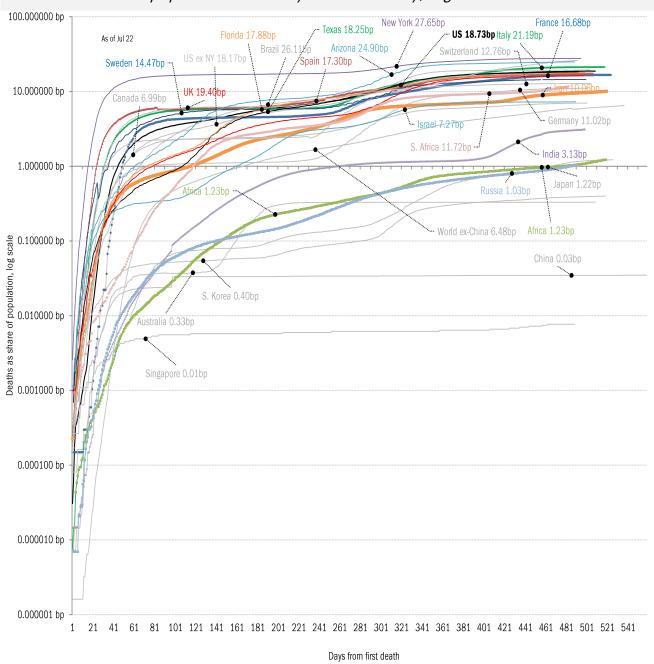


Source: Our beloved clients, Power Line blog "The Week in Pictures" and CTUP

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



The coronavirus <u>mortality</u> accelerometer ... tracking the world's fatality curves *Share of deceased population from day of first fatality, log scale*



"Exponential"? 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

