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Data Insights: Covid-2019 Monitor

Monday, April 26, 2021

The global scorecard



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The US scorecard



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

Rolling out the vaccines in the US and the world												
US overall							Over last day				Full	Partial
302.27 mi	llion doses	distributed					+0.01 million/day			US	28.3%	41.9%
236.69 mi	llion doses	administer	ed				+3.09 mill	ion/day	1&I	UK	18.5%	49.6%
144.11 million persons partially immunized							+1.36 mill	ion/day	3%	France	8.1%	20.6%
98.07 million persons fully immunized							+1./3 mill	ion/day		Spain	8.3%	22.3%
7.79 million shots long-term care residents/staff							+0.002 mi	llion/d ^r	Dfine	Germany	7.1%	23.3%
/8.3% of		ed doses :	administe	Fea 20.4% full immunity			Moderna Plize			r Italy	8.6%	20.8%
43.1% 01	US pop p			29.4% full immunity			44%			Australia		0.0%
				04.170 IU	II IIIIIIUII	At today!	o docina i	0000		Canada	2.7%	29.2%
						AL LOUAY	s uusing ∣ orican ∖1	pace, 8 immun	a in	lanan	0.7%	1 5%
									Africa	0.1%	0.9%	
	State		ate			51	dav	/S		India	1.6%	8.5%
	Immunities distributed		1		by Jun 20	0.2021	•		Brazil	5.3%	12.6%	
as % population**					by surre	0,2021			Global data diff	ers from source	es, timing	
AK Partial immunity			Bo	t					China NA	ME		
55.4%		as % po	pulation	De	st						50.1%	
41.1%		Full im	munity	Mid	dla						52.0%	
34.0%		as % po	pulation	- With	ule						36.2%	
				Wo	rst	WI				VT	NH	
				45.4%						54.0%	48.2%	
						44.6%				51.6%	59.4%	
	14/ 4		МТ		N A N I	33.1%	N AL	1	NIX	34.8%	29.4%	
		ID 41.10/		ND 40.00/		IL 47.00/				MA		
	40.4%	41.1% 22.2%	47.9% 20.0%	43.2%	43.5%	47.3%	40.4% 41.2%		47.7%	52.1%		
	44.0 /0 20.1 %	25.3%	30.4%	30.0 /0	44.3 /0 32 0%	44.0 /0 28.6%	41.2 /0 20 7%		40.7 /0	33.5%		
	0R	NV	WY	SD	IA	1N	0H	РА	N.I	00.070 CT	BI	
	44.9%	41.3%	43.8%	51.6%	44.8%	41.3%	45.3%	49.5%	47.3%	55.2%	52.8%	
	42.2%	38.4%	33.3%	44.2%	43.0%	34.9%	39.4%	47.3%	49.6%	52.7%	49.9%	
	28.3%	26.2%	26.0%	34.7%	31.7%	25.0%	30.1%	29.9%	33.5%	35.9%	34.3%	
	CA	UT	CO	NE	M0	KY	WV	VA	MD	DE		
	48.5%	39.1%	45.7%	46.2%	43.8%	44.4%	48.0%	46.5%	48.4%	49.0%		
	46.8%	38.0%	45.0%	42.1%	36.3%	40.2%	35.3%	45.2%	46.3%	45.1%		
	28.4%	22.0%	30.0%	29.9%	25.8%	30.3%	29.0%	30.4%	31.7%	29.8%		
		AZ	NM	KS	AR	TN	NC	SC	DC			
		45.7%	50.6%	46.7%	45.5%	41.9%	46.7%	44.4%	58.5%			
		39.6%	49.9%	41.8%	34.8%	33.5%	38.3%	35.6%	45.3%			
		27.3%	35.5%	29.9%	24.0%	23.1%	27.4%	25.5%	27.4%]		
				UK 40.20/	LA /1.20/	12 50/	AL	42 00/				
				38.0%	31.8%	30.2%	42.9%	33.0%				
				28.5%	25.7%	22.3%	21.7%	22.0%				
HI				TX	20.7 /0	22.0/0	21.7 /0	22.0 /0	FI	ז ר	PR	
50.9%				43.6%					48.7%		49.4%	
49.9%				37.1%					40,2%		35.0%	
33.4%				25.1%		As of Apr 25			27.2%		22.5%	

** One dose of Pfizer/Moderna counts as half an immunity, one dose of J&J as a full immunity Source: <u>CDC</u>, <u>CDC</u>, <u>Our World in Data</u>, TrendMacro calculations



Source: Johns Hopkins, Covid Act Now, TrendMacro calculations



Source: Distributions <u>CDC</u>, Comorbidities <u>CDC</u>, TrendMacro calculations

Recommended reading

E.U. Set to Let Vaccinated U.S. Tourists Visit This

Summer Matina Stevis-Gridneff *New York Times*

April 25, 2021

Michigan's Covid Wards Are Filling Up With Younger Patients

Mitch Smith and Sarah Mervosh *New York Times* April 25, 2021

Meme of the day



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



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*

Source: Johns Hopkins, TrendMacro calculations



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

Source: Johns Hopkins, TrendMacro calculations



Source: Johns Hopkins, TrendMacro calculations

Requirement to <u>Open Up America Again</u>: 14-day "downward 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

Alt requirement to <u>Open Up America Again</u>: 14-day "downward trajectory" in pos tests *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



Source: Johns Hopkins, TrendMacro calculations



Source: Johns Hopkins, TrendMacro calculations

Patient zero... and then everyone else







Source: Johns Hopkins, TrendMacro calculations



Source: Johns Hopkins, TrendMacro calculations







Impact in other hot-spots







Impact in Africa, continued



Source: Johns Hopkins, TrendMacro calculations