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Data Insights: Covid-2019 Monitor

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The global scorecard



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The US scorecard

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

The ten worst US states												
New infections New		New Death	ew Deaths		New in hospital		Cume infections		Cume deaths		Cume in hospital	
NY	+ 10,453	NY	+779	NY	+ 586	NY	149,316	NY	6,268	NY	32,669	
NJ	+ 3,021	NJ	+272	GA	+219	NJ	47,437	NJ	1,504	FL	2,062	
PA	+ 1,680	MI	+ 114	MA	+ 148	MI	20,346	MI	959	GA	1,993	
MA	+ 1,588	IL	+82	OH	+ 141	LA	17,030	LA	652	MA	1,583	
IL	+1,529	MA	+77	MD	+ 104	CA	16,957	IL	462	OH	1,495	
MI	+ 1,376	LA	+70	CO	+ 85	MA	16,790	CA	442	MD	1,210	
MD	+ 1,158	PA	+69	FL	+63	PA	16,239	MA	433	CO	1,079	
CA	+1,092	CA	+68	VA	+52	R.	15,455	WA	394	WI	790	
TX	+ 1,091	GA	+33	WI	+ 45	IL	15,078	GA	362	VA	615	
GA	+ 1,083	IN	+ 30	AL	+43	GA	9,901	R.	309	TN	449	
	+24,071		+ 1,594		+ 1,486		324,549		11,785		43,945	
All states	+ 30,570	All states	+ 1,874	All states	+ 1,579	All states	423,164	All states	14,495	All states	47,159	
Top ten	79%	Top ten	85%	Top ten	94%	Top ten	77%	Top ten	81%	Top ten	93%	
Five most improved US states												
Fewer	Fewer daily infections Fewer new deaths						Fewer new hospitalizations			Most recoveries		
CT	-875			CT -71			NY -1,2	94		CK	+612	
R.	-715			GA -67	7		FL -25	4		MT	+ 135	
LA	-671			FL -47	7		GA -22	3		TN	+ 126	
CA	-437			MA -19	9		OR -22	1		IA	+90	
GA	-421			WA -12	2		MA -46	3		MN	+83	
•					-			-				
40 000 ¬											F 8.0%	
40,000	11										0.070	
	United States As of Apr 9											
35,000 -	13.267	bp of population in	fected				4	32,132 cases	cumulative)	- 7.0%	
	38.1 m	edian population ag	е					+33,323 cas	ses today	Â	7	
30.000 -										ہے \	- 6.0%	
30,000											0.070	
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토 <u>-</u> 25,000 -		2 206 004 toot									- 5.0%	
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8 20 000 -											- 4.0% fats	
Can Can					\sim		$ \rangle$			\sim	ality	
je 135,975 tests today								\rightarrow	a rate			
15,000 -											- 3.0%	
			1.							and the second se		
10 000 -												
				v		14	,817 deaths	cumulative	for the			
5,000 -							+1,922 deat	hs today			- 1.0%	
+					1						⊥ _{0.0%}	
Dec 31 Jan 7 Jan 14 Jan 21 Jan 28 Feb 4 Feb 11 Feb 18 Feb 25 Mar 3 Mar 10 Mar 17 Mar 24 Mar 31 Apr 7												

Source: States and test data Covid Tracking Project, US data ECDC, TrendMacro calculations

Recommended reading

Why a study showing that covid-19 is everywhere is good news

The Economist April 8, 2020

Wuhan Is Returning to Life. So Are Its Disputed Wet Markets

Sharon Chen and Chaoqun Kan *Bloomberg* April 8, 2020

<u>A national COVID-19 surveillance system: Achieving</u> containment

Marc McClellan, Scott Gottleib et al. *Duke Margolis Center* April 7, 2020

Meme of the day

The hunt for the next potential coronavirus animal host Anthony King

National Geographic April 3, 2020

Life with the 'scariest virus on Earth'

Jeff Welsch *Lewiston Tribune* April 6, 2020

Fighting Covid-19 in the Red-Tape Nation

Philip K. Howard *City Journal* April 5, 2020



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

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*



Our most reliable evidence of slowing the Moore's law of Covid-2019 *Vertical: number of days it takes to double deaths Horizontal: days from first death* Progress means seeing the line move up and to the right...

Extrapolated between actual doubling points. The most anomalous extrapolations are smoothed.



From Ground Zero to the Rio Grande



Source: ECDC, TrendMacro calculations





Source: ECDC, TrendMacro calculations

Impact in the largest economies



Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



Source: ECDC, TrendMacro calculations

Impact in continental Europe



Source: ECDC, TrendMacro calculations

Impact in other hot-spots

