PMC U.S. COVID-19 Report for April 27, 2026. pmc19.com/data

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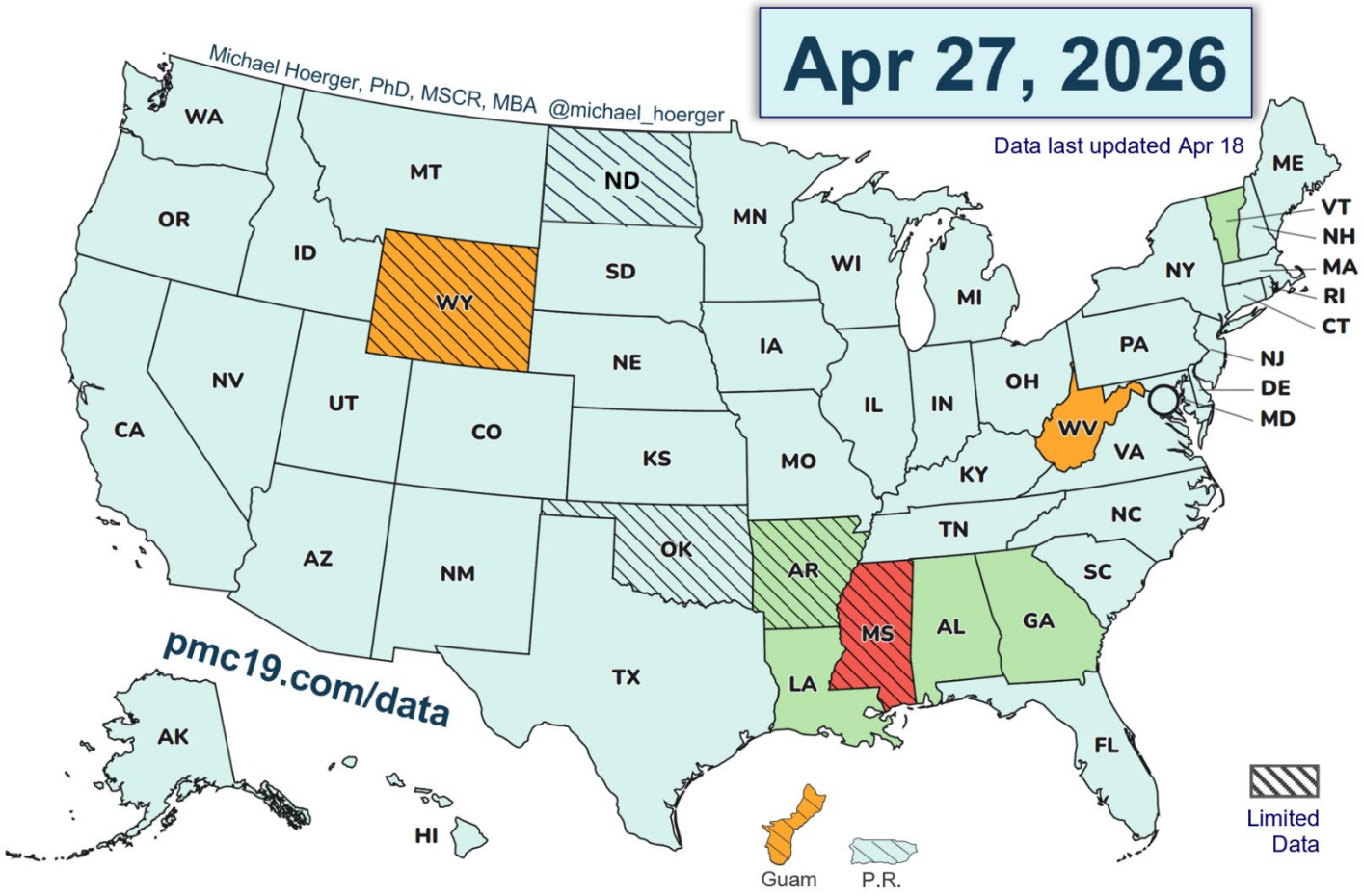

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Announcements

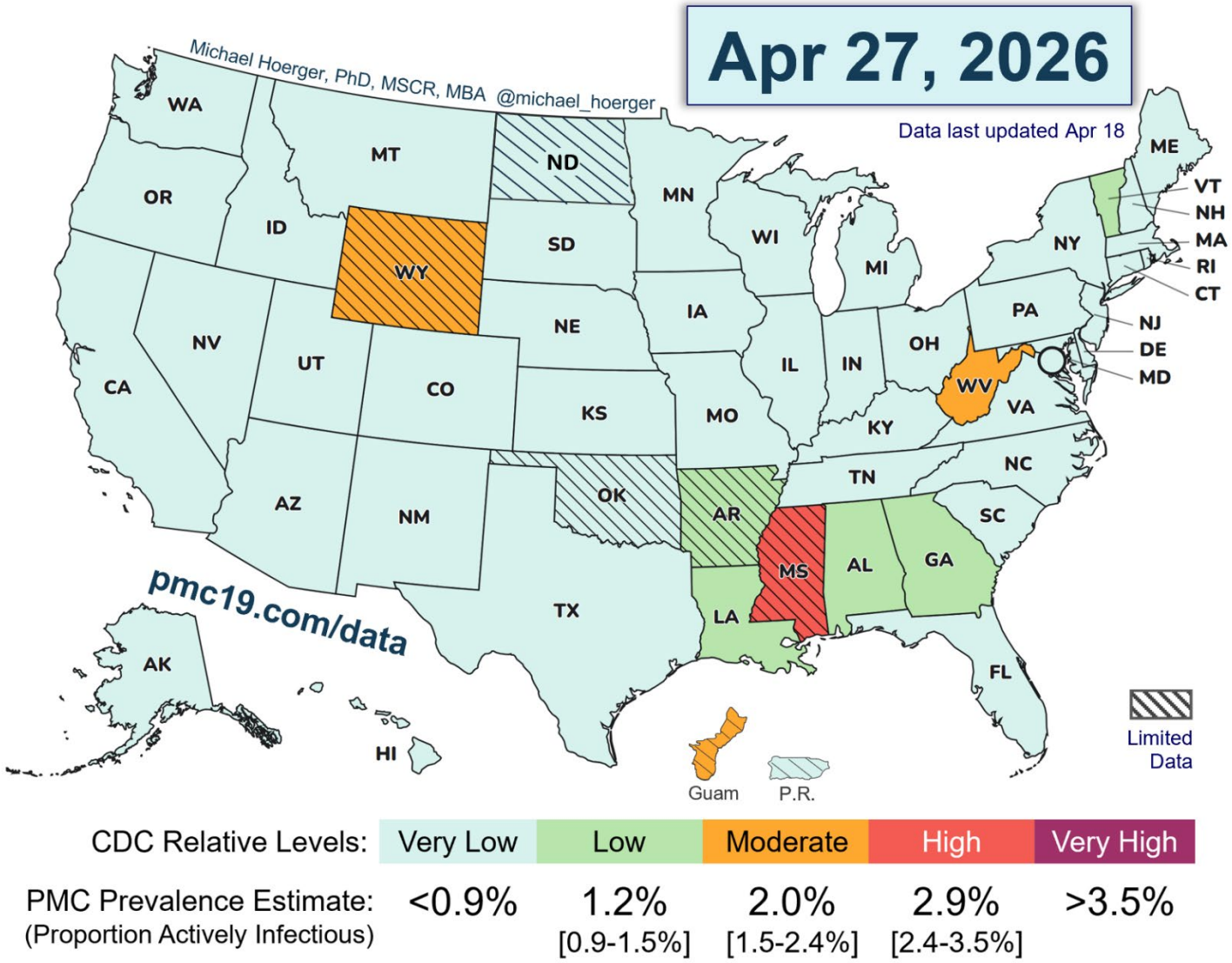
CDC Dashboard Overhaul

- Two weeks ago, we noted the major overhaul to the CDC dashboard. Last week, they made some changes that make accessing the underlying data more difficult. It is unclear whether there will be further reductions in accessibility, and if that happens, the PMC dashboard may go down or lack state-level updates for a week or two.

Data Quality

- The CDC (80% model weight) reported this week; Biobot (20% model weight) did not.

COVID-19 Heat Map, Based on CDC Wastewater Data and Levels (U.S.)



Estimated levels are now at their lowest since July 15, 2021. All states and territories have “low” or “very low” transmission, with the exceptions of Mississippi (limited data), Wyoming (limited data), Guam (week old data), and West Virginia (one site reporting). Note that state-level midpoints can obscure within-state variation. As examples, there are several hot spots in Alabama and Texas.

COVID-19 State Prevalence Estimates

pmc19.com/data *Apr 27, 2026*

State	CDC Level	PMC Estimate, % Actively Infectious	Chances anyone is infectious in a room of 10 to 100 people			
			10	25	50	100
Alabama	Low	1 in 69 (1.5%)	14%	31%	52%	77%
Alaska	Very Low	1 in 120 (0.8%)	8%	19%	34%	57%
Arizona	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Arkansas	Low*	1 in 81 (1.2%)	12%	27%	46%	71%
California	Very Low	1 in 206 (0.5%)	5%	11%	22%	38%
Colorado	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Connecticut	Very Low	1 in 153 (0.7%)	6%	15%	28%	48%
Delaware	Very Low	1 in 226 (0.4%)	4%	11%	20%	36%
District of Columbia	Very Low	1 in 290 (0.3%)	3%	8%	16%	29%
Florida	Very Low	1 in 238 (0.4%)	4%	10%	19%	34%
Georgia	Low	1 in 98 (1.0%)	10%	23%	40%	64%
Guam (1 week lag)	Moderate	1 in 48 (2.1%)	19%	41%	65%	88%
Hawaii	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Idaho	Very Low	1 in 212 (0.5%)	5%	11%	21%	38%
Illinois	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Indiana	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Iowa	Very Low	1 in 331 (0.3%)	3%	7%	14%	26%
Kansas	Very Low	1 in 123 (0.8%)	8%	18%	34%	56%
Kentucky	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Louisiana	Low	1 in 108 (0.9%)	9%	21%	37%	61%
Maine	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Maryland	Very Low	1 in 117 (0.9%)	8%	19%	35%	57%
Massachusetts	Very Low	1 in 305 (0.3%)	3%	8%	15%	28%
Michigan	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Minnesota	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Mississippi	**High***	1 in 36 (2.8%)	24%	50%	75%	94%

* Limited data reporting

Data last updated Apr 18

Guam did not report this week, so values are a week old.

COVID-19 State Prevalence Estimates

pmc19.com/data *Apr 27, 2026*

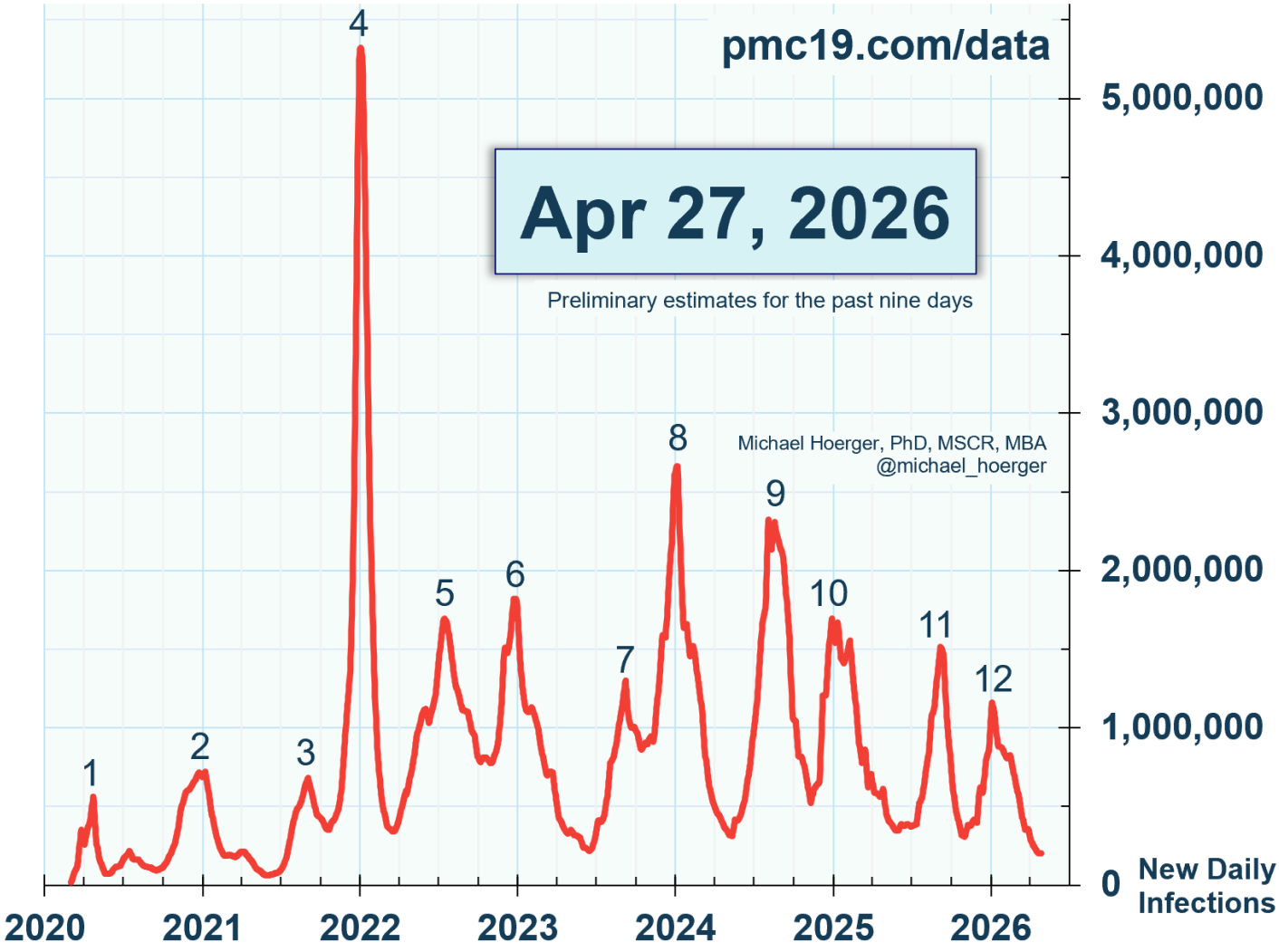
State	CDC Level	PMC Estimate, % Actively Infectious	Chances anyone is infectious in a room of 10 to 100 people			
			10	25	50	100
Missouri	Very Low	1 in 192 (0.5%)	5%	12%	23%	41%
Montana	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Nebraska	Very Low	1 in 255 (0.4%)	4%	9%	18%	32%
Nevada	Very Low	1 in 225 (0.4%)	4%	11%	20%	36%
New Hampshire	Very Low	1 in 170 (0.6%)	6%	14%	25%	44%
New Jersey	Very Low	1 in 185 (0.5%)	5%	13%	24%	42%
New Mexico	Very Low	1 in 254 (0.4%)	4%	9%	18%	33%
New York	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
North Carolina	Very Low	1 in 156 (0.6%)	6%	15%	27%	47%
North Dakota	Very Low*	1 in 170 (0.6%)	6%	14%	26%	45%
Ohio	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Oklahoma	Very Low*	1 in 201 (0.5%)	5%	12%	22%	39%
Oregon	Very Low	1 in 221 (0.5%)	4%	11%	20%	36%
Pennsylvania	Very Low	1 in 141 (0.7%)	7%	16%	30%	51%
Rhode Island	Very Low	1 in 257 (0.4%)	4%	9%	18%	32%
South Carolina	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
South Dakota	Very Low	1 in 116 (0.9%)	8%	20%	35%	58%
Tennessee	Very Low	1 in 160 (0.6%)	6%	14%	27%	47%
Texas	Very Low	1 in 168 (0.6%)	6%	14%	26%	45%
Utah	Very Low	1 in 432 (0.2%)	2%	6%	11%	21%
Vermont	Low	1 in 93 (1.1%)	10%	24%	42%	66%
Virginia	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Washington	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
West Virginia	Moderate	1 in 57 (1.8%)	16%	36%	59%	83%
Wisconsin	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Wyoming	Moderate*	1 in 59 (1.7%)	16%	35%	58%	82%

* Limited reporting; ND has no data, averages MN, MT, & SD

Data last updated Apr 18

Note that while Puerto Rico provides qualitative estimates, useful for the heat map, quantitative levels do not appear to be reported publicly with precision.

SARS-CoV-2 New Daily Infections, Wastewater-Derived Estimates (U.S.)



PMC identifies **12** SARS-CoV-2 waves and estimates averages of **5.2** infections per person and **14.2** months between infections.

Notice that the current levels are comparable to “lulls” in recent years. Current levels are estimated at their lowest since July 15, 2021.

National COVID-19 Estimates (U.S.)

Apr 27, 2026 **pmc19.com/data**

Infections

Proportion Actively Infectious	1 in 244 (0.4%)
New Daily Infections	200,000
Infections the Past Week	1,420,000
Infections in 2026	72,000,000
Cumulative Infections per Person	5.17

Long COVID

Long COVID Cases Resulting from New Daily Infections	10,000 to 40,000
Long COVID Cases Resulting from New Weekly Infections	71,000 to 280,000

Excess Deaths

Excess Deaths Resulting from New Daily Infections	50 to 90
Excess Deaths Resulting from New Weekly Infections	300 to 600

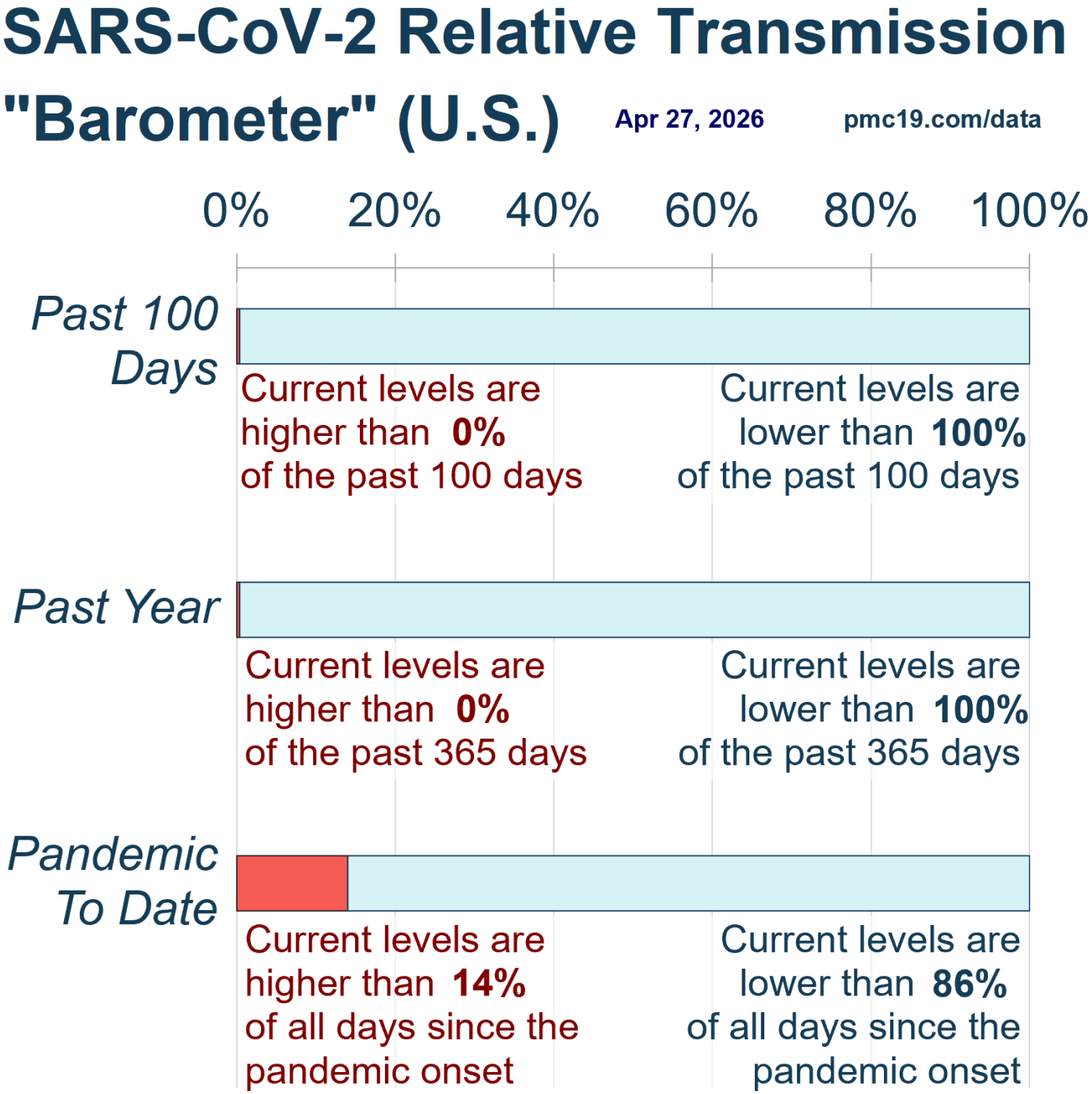
During this relative “lull,” an estimated 1.4 million Americans are getting infected per week, resulting in significant morbidity and 300-600 eventual excess deaths.

National COVID-19 Risk Table (U.S.)

Apr 27, 2026 **pmc19.com/data**

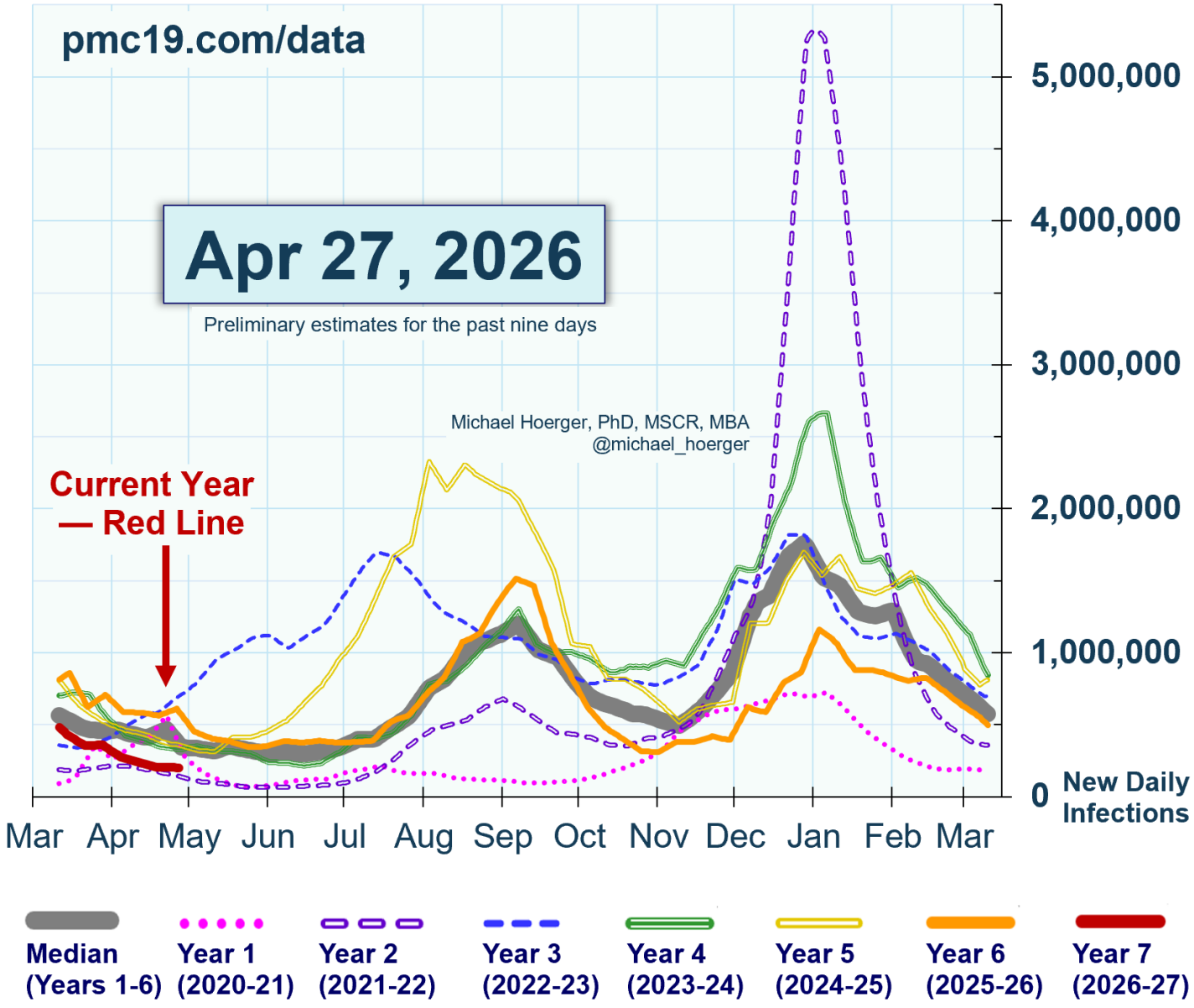
Number of People	Chances Anyone is Infectious
1	0.4%
2	0.8%
3	1.2%
4	1.6%
5	2.0%
10	4.0%
15	6.0%
20	7.9%
25	9.7%
30	11.6%
50	18.5%
75	26.5%
100	33.6%
200	56.0%
300	70.8%

In a room of 25 people representative of the U.S. population, there would be a 1-in-10 chance of an exposure if there were no testing and isolation protocols.



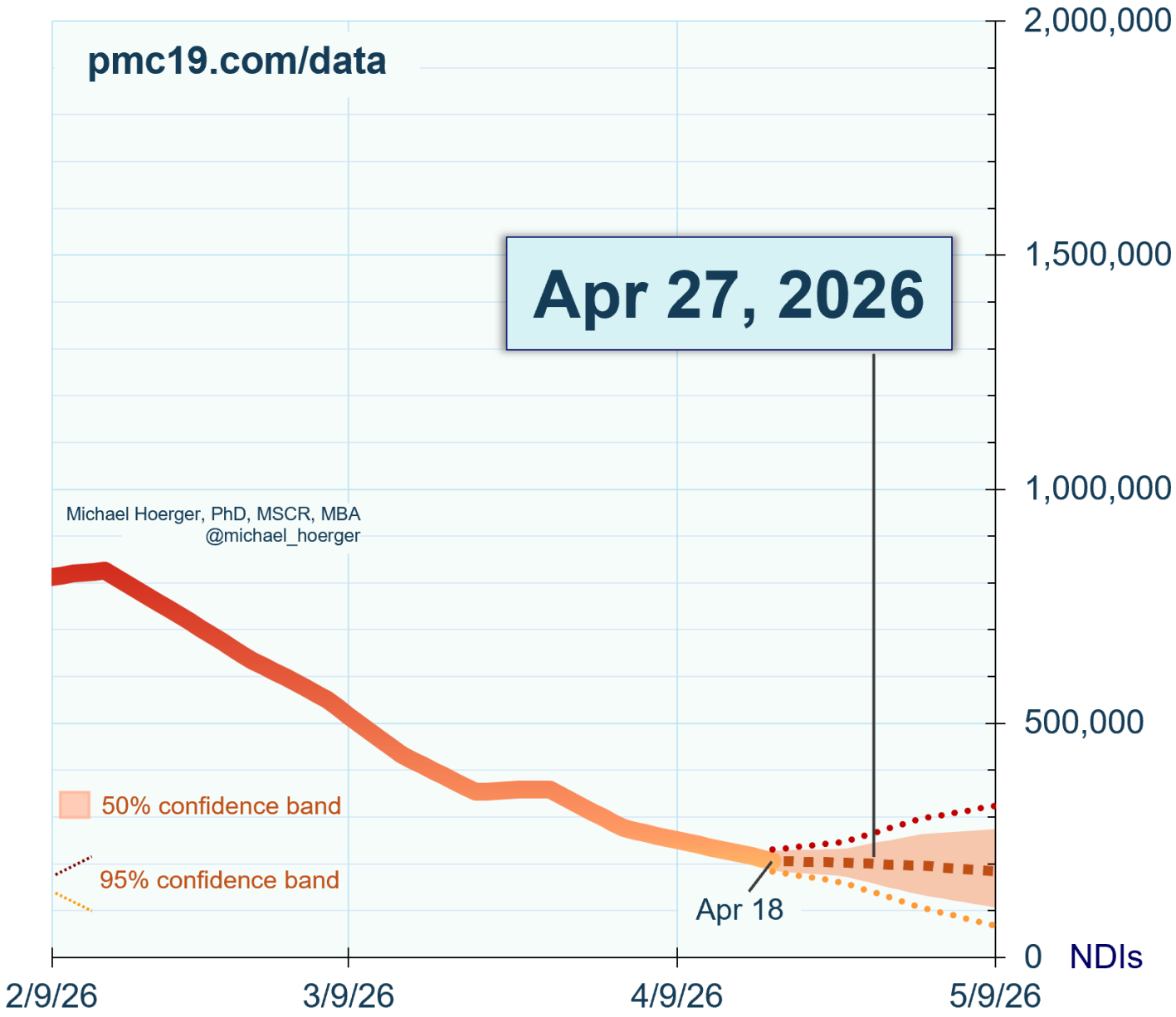
Current transmission is very low relative to the past 100 days, past year, and overall time span since pandemic onset.

SARS-CoV-2 Year-Over-Year Estimates of Transmission (U.S.)



Notice that transmission for late April is estimated lower than at this time point in any prior year, except 2021, when vaccines were rolling out and before the rise of Delta. It is remarkable that levels are so similar to April 2021.

SARS-CoV-2 Transmission Forecast, Wastewater-Derived Estimates (U.S.)



The forecast is for stable transmission in a relative “lull” hovering around 200,000 new daily infections. If levels were to dip below 100,000, which the model suggests has an approximately 25% chance, that would represent a significant change in the dynamics of the ongoing pandemic.

A separate document called a Technical Appendix appears on the dashboard page and has more methodologic info. Search for key answers there first, and then send a public comment tagging Dr. H. on Twitter if further help is needed.