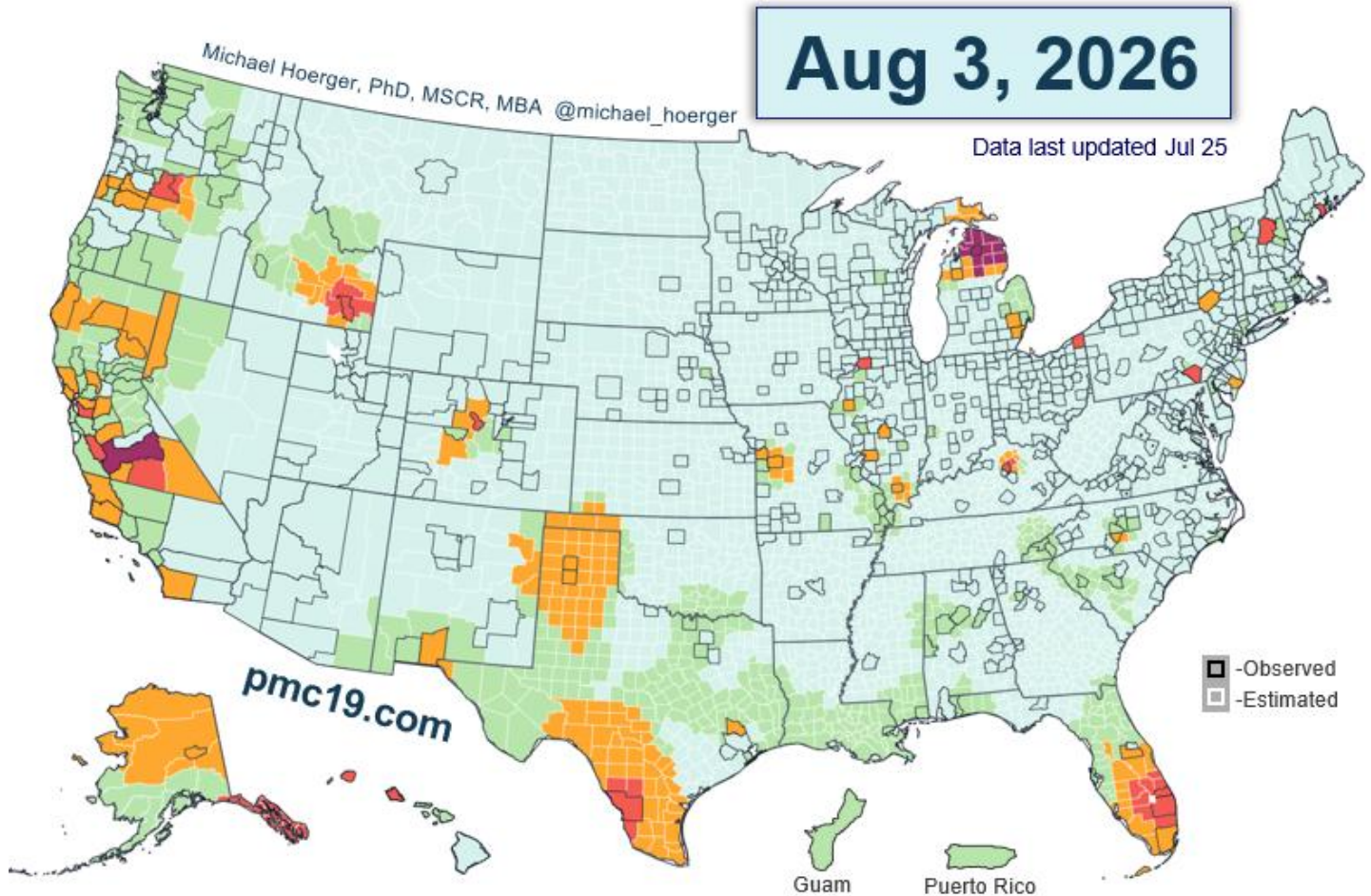


PMC U.S. COVID-19 Report for August 3, 2026.

pmc19.com

Michael Hoerger, PhD, MSCR, MBA, Pandemic Mitigation Collaborative (PMC)

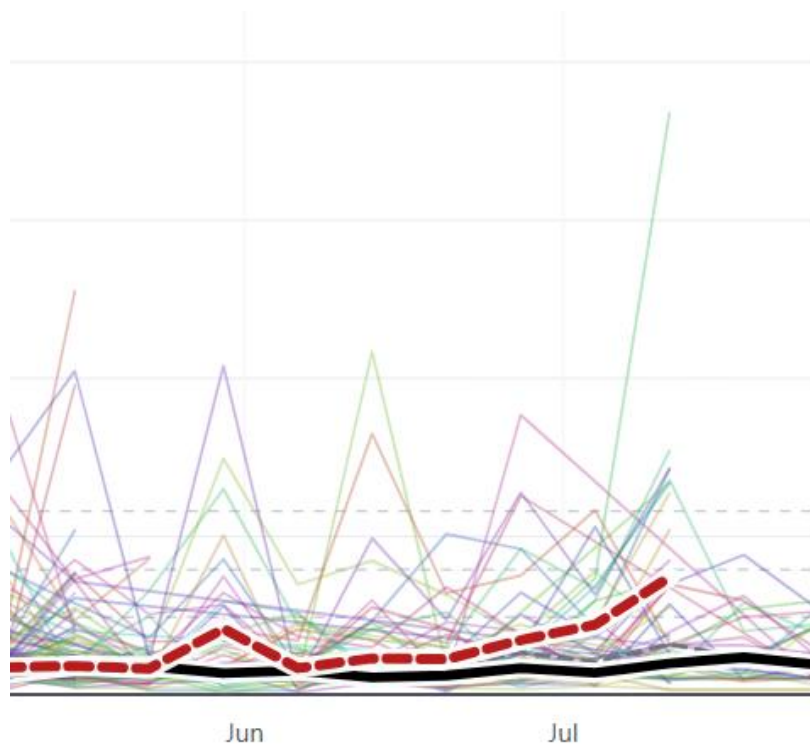


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Announcements

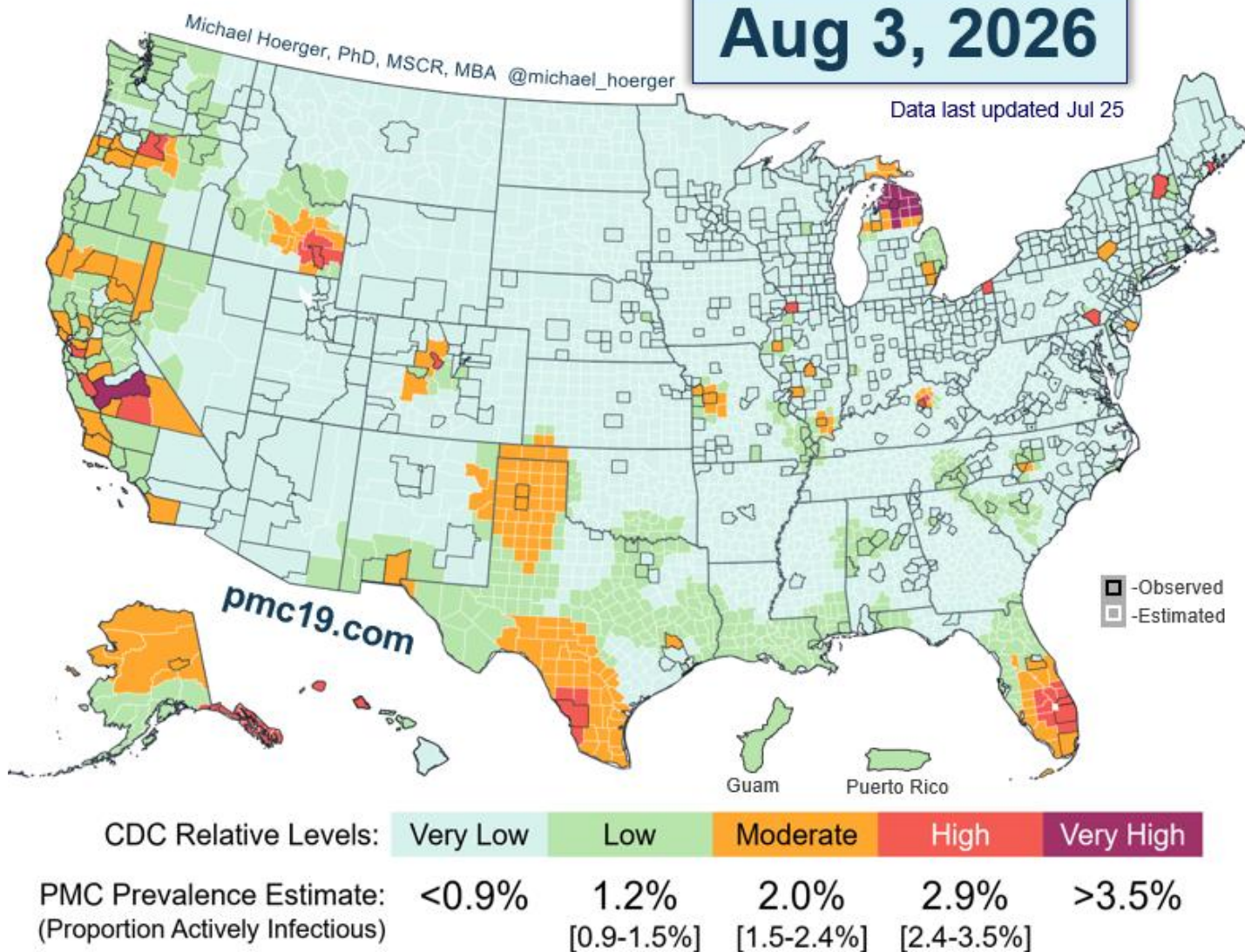
Data Quality

- The CDC (80% model weight) reported this week. Biobot (20% model weight) also reported. The CDC data are flat, whereas the Biobot data show increased transmission.
- Texas has stopped reporting at many wastewater sites. Those that were trending obviously upward stopped reporting on July 11 (red line), and those that were flat continue to report (black line). This was 5 days after the Houston Chronicle started covering the Texas outbreak. Levels in Texas may be higher than the map suggests.



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

Aug 3, 2026



The US has 15 hot spots. These include central California (Fresno, San Benito, Alameda), northern Oregon (Wasco County), Alaska (Juneau), Hawai'i (Kauai and Honolulu), southeastern Idaho (Bannock County), central Colorado (Summit County), northwestern Illinois (Whiteside County), the northern LP of Michigan (Gaylord area), central Kentucky (Lexington), northeastern Ohio (Ashtabula County), southern Florida (Palm Beach area), southeastern Pennsylvania (Lancaster County),

central New Hampshire (Grafton County), and southern Maine (Knox County).

Southern Texas still has an outbreak (Webb County). Most Texas sites that had high or rising levels have not reported since July 11. Central Texas may have higher levels than depicted.

Note that these outbreaks are relatively isolated compared with the widespread high levels in the southern and western states at this time a year ago. Levels are rising but much more slowly than typical.

COVID-19 State Prevalence Estimates

pmc19.com

Aug 3, 2026

Chances anyone is infectious
in a room of 10 to 100 people

State	CDC Level	PMC Estimate, % Actively Infectious	10	25	50	100
Alabama	Very Low	1 in 161 (0.6%)	6%	14%	27%	46%
Alaska	Moderate	1 in 61 (1.6%)	15%	34%	56%	81%
Arizona	Very Low	1 in 196 (0.5%)	5%	12%	23%	40%
Arkansas	Very Low*	1 in 255 (0.4%)	4%	9%	18%	32%
California	Low	1 in 76 (1.3%)	12%	28%	48%	73%
Colorado	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Connecticut	Very Low	1 in 241 (0.4%)	4%	10%	19%	34%
Delaware	Very Low	1 in 308 (0.3%)	3%	8%	15%	28%
District of Columbia	Very Low	1 in 217 (0.5%)	5%	11%	21%	37%
Florida	Low	1 in 68 (1.5%)	14%	31%	52%	77%
Georgia	Very Low	1 in 169 (0.6%)	6%	14%	26%	45%
Guam	Low	1 in 83 (1.2%)	11%	26%	45%	70%
Hawaii	Low	1 in 77 (1.3%)	12%	28%	48%	73%
Idaho	Very Low	1 in 198 (0.5%)	5%	12%	22%	40%
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 222 (0.5%)	4%	11%	20%	36%
Kansas	Very Low	1 in 341 (0.3%)	3%	7%	14%	25%
Kentucky	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Louisiana	Low	1 in 70 (1.4%)	13%	30%	52%	77%
Maine	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Maryland	Very Low	1 in 246 (0.4%)	4%	10%	18%	33%
Massachusetts	Very Low	1 in 616 (0.2%)	2%	4%	8%	15%
Michigan	Very Low	1 in 193 (0.5%)	5%	12%	23%	41%
Minnesota	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Mississippi	Low*	1 in 67 (1.5%)	14%	31%	53%	78%

* Limited data reporting

Data last updated Jul 25

COVID-19 State Prevalence Estimates

pmc19.com

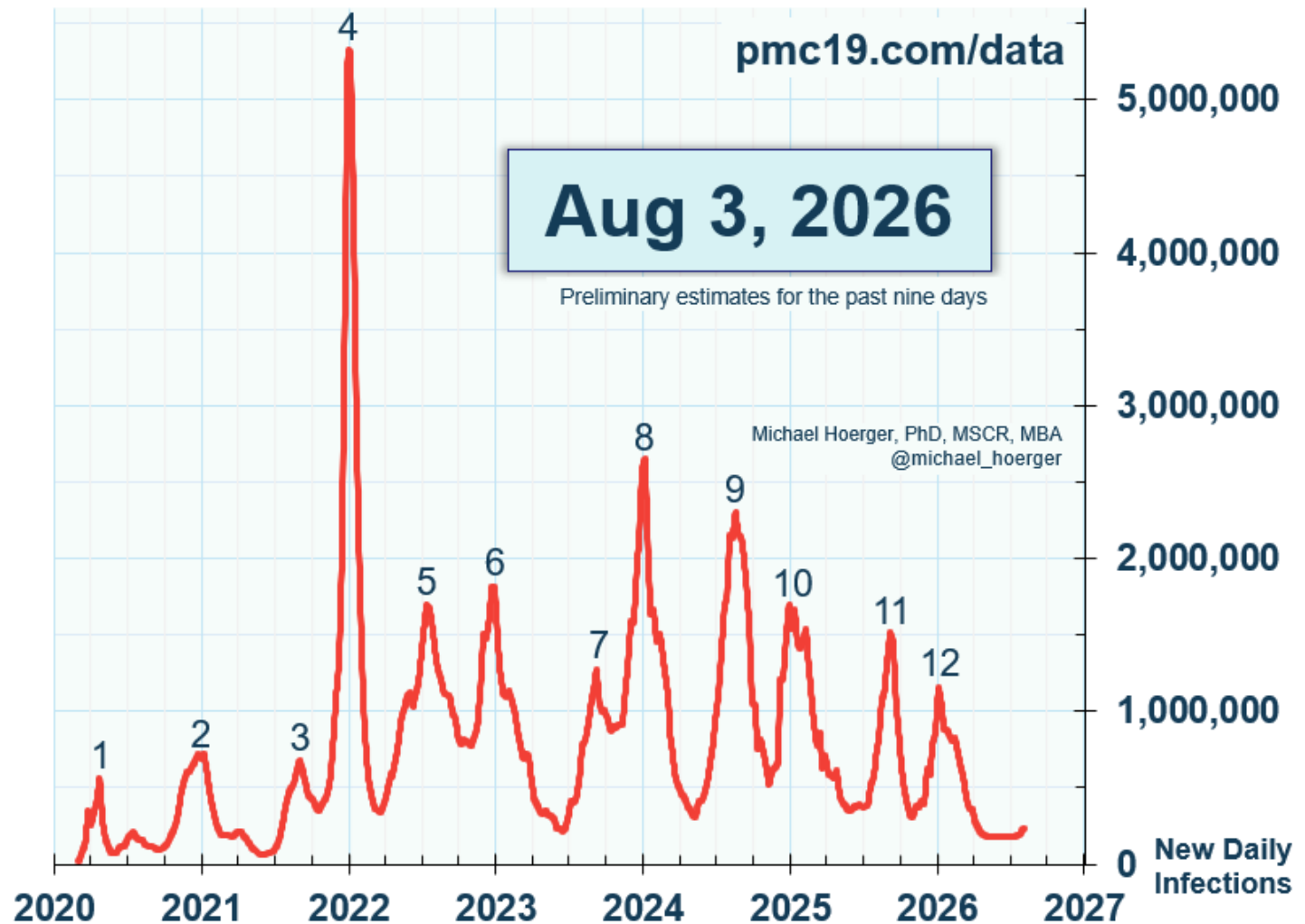
Aug 3, 2026

Chances anyone is infectious

State	CDC Level	PMC Estimate, % Actively Infectious	in a room of 10 to 100 people			
			10	25	50	100
Missouri	Moderate*	1 in 63 (1.6%)	15%	33%	55%	80%
Montana	Very Low*	1 in 222 (0.5%)	4%	11%	20%	36%
Nebraska	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Nevada	Low	1 in 93 (1.1%)	10%	24%	42%	66%
New Hampshire	Very Low*	1 in 145 (0.7%)	7%	16%	29%	50%
New Jersey	Very Low	1 in 370 (0.3%)	3%	7%	13%	24%
New Mexico	Very Low	1 in 504 (0.2%)	2%	5%	9%	18%
New York	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
North Carolina	Very Low	1 in 191 (0.5%)	5%	12%	23%	41%
North Dakota	Very Low*	1 in 281 (0.4%)	4%	9%	16%	30%
Ohio	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Oklahoma	Very Low*	1 in 584 (0.2%)	2%	4%	8%	16%
Oregon	Very Low	1 in 121 (0.8%)	8%	19%	34%	56%
Pennsylvania	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Puerto Rico	Low*	1 in 67 (1.5%)	14%	31%	53%	78%
Rhode Island	Very Low	1 in 226 (0.4%)	4%	10%	20%	36%
South Carolina	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
South Dakota	Very Low	1 in 599 (0.2%)	2%	4%	8%	15%
Tennessee	Very Low	1 in 284 (0.4%)	3%	8%	16%	30%
Texas	Very Low	1 in 118 (0.8%)	8%	19%	35%	57%
Utah	Very Low	1 in 411 (0.2%)	2%	6%	11%	22%
Vermont	Very Low	1 in 255 (0.4%)	4%	9%	18%	32%
Virginia	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Washington	Very Low	1 in 125 (0.8%)	8%	18%	33%	55%
West Virginia	Very Low	1 in 1,848 (0.1%)	1%	1%	3%	5%
Wisconsin	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%
Wyoming	Very Low	1 in 222 (0.5%)	4%	11%	20%	36%

* Limited reporting; ND averages MN, MT, SD; PR from PR dashboard Data last updated Jul 25

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



PMC identifies **12** SARS-CoV-2 waves and estimates averages of **5.4** infections per person and **14.3** months between infections.

National COVID-19 Estimates (U.S.)

Aug 3, 2026

pmc19.com

Infections

Proportion Actively Infectious	1 in 209 (0.5%)
New Daily Infections	234,000
Infections the Past Week	1,570,000
Infections in 2026	90,000,000
Cumulative Infections per Person	5.35

Long COVID

Long COVID Cases Resulting from New Daily Infections	12,000 to 47,000
Long COVID Cases Resulting from New Weekly Infections	79,000 to 310,000

Excess Deaths

Excess Deaths Resulting from New Daily Infections	60 to 100
Excess Deaths Resulting from New Weekly Infections	400 to 700

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

Aug 3, 2026

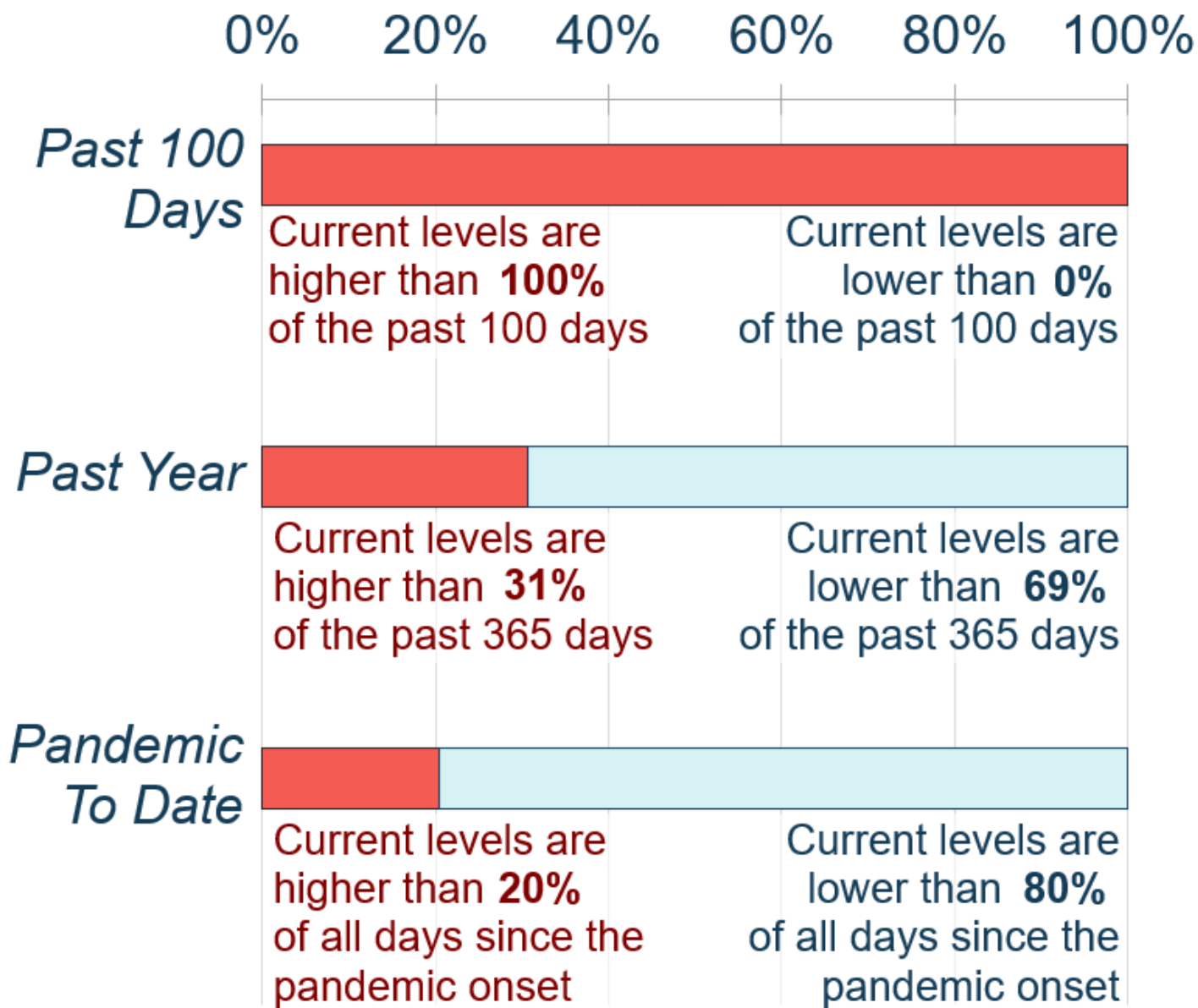
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<u>Number of People</u>	<u>Chances Anyone is Infectious</u>
1	0.5%
2	1.0%
3	1.4%
4	1.9%
5	2.4%
10	4.7%
15	6.9%
20	9.1%
25	11.3%
30	13.4%
50	21.3%
75	30.2%
100	38.0%
200	61.6%
300	76.2%

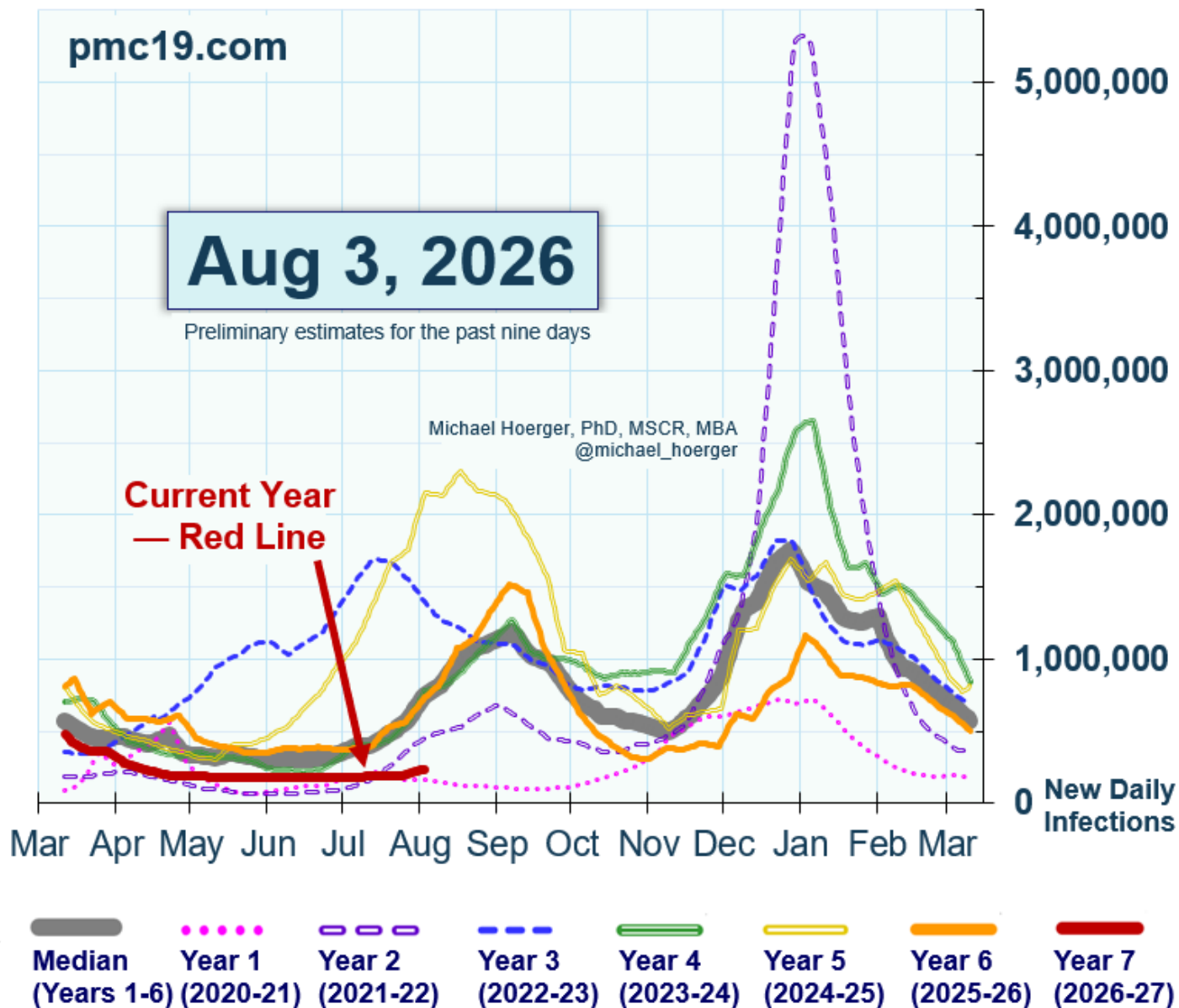
SARS-CoV-2 Relative Transmission "Barometer" (U.S.)

Aug 3, 2026

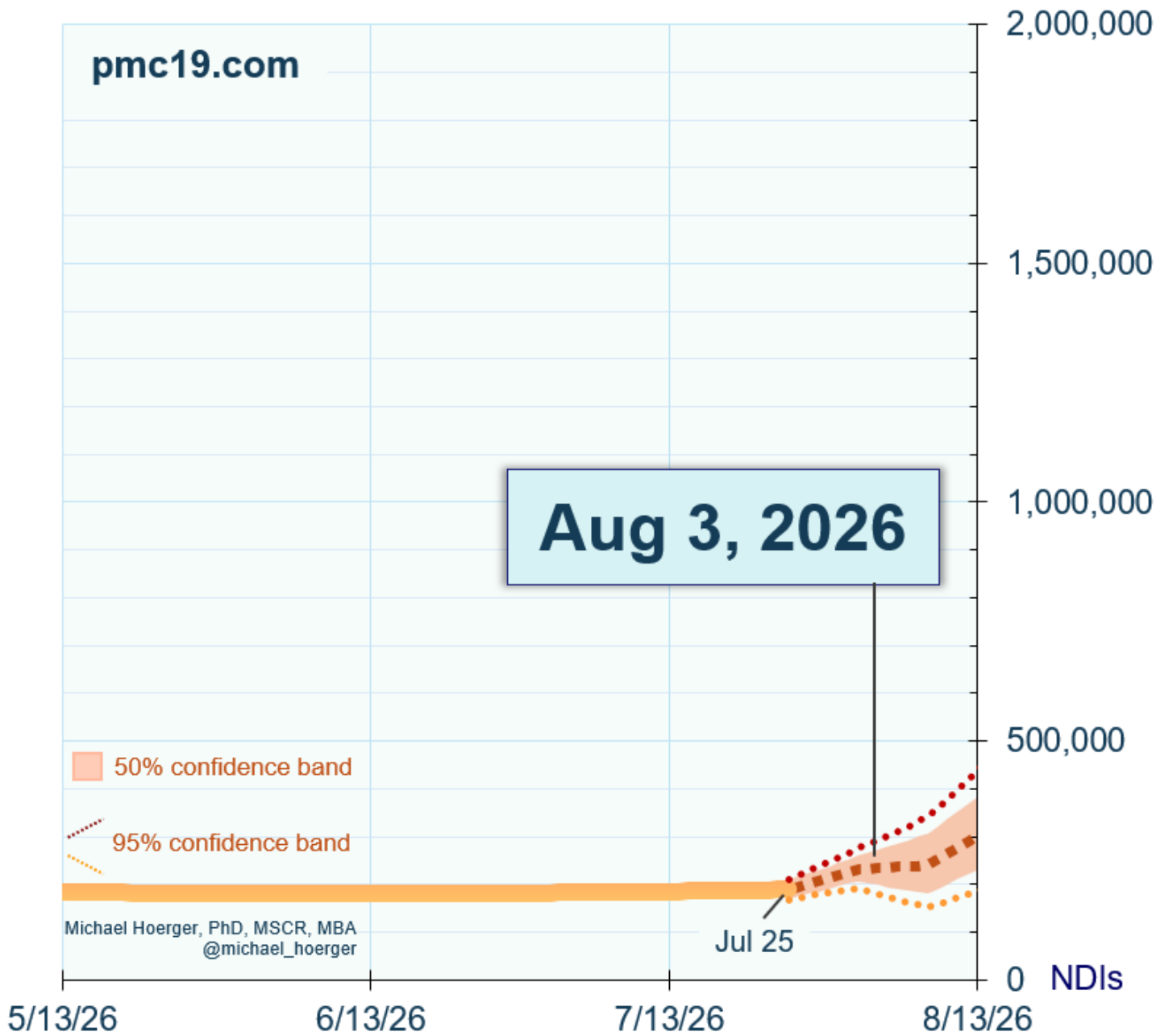
pmc19.com



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



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



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.