COUNTY OF KENOSHA

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KCDOH COVID-19 Situation Report
8/4/20

Kenosha County COVID-19	Definition	Kenosha County	Racine County	Lake County	WI	IL
TOTAL POSITIVE CASES	COVID-19 PCR Positive	2,546	3,311	12,101	56,056	184,712
TOTAL PROBABLE CASES	See COVID-19 surveillance case definition: https://www.dhs.wisconsin.gov/covid-19/providers.htm	306				
TOTAL SUSPECT CASES	Meets epidemiological and clinical criteria	3,658				
CONTACT INVESTIGATIONS (OPEN)	Close contact to a COVID-19 PUI or close contact to a confirmed COVID-19. Contact is currently being monitored.	0				
TOTAL CONTACT INVESTIGATIONS		4,072				
CURRENTLY HOSPITALIZED	Positive cases currently hospitalized at Froedtert South and Aurora Kenosha.	12 (.5%)				
TOTAL HOSPITALIZATION RATE		9%	11%		9%	
TOTAL DEATHS		59	77	427	961	7,545
NEGATIVE CASES	COVID-19 PCR Negative	27,385	42,985	131,955	928,845	2,664,683

KENOSHA COUNTY AVERAGE POSITIVE CASES

- April – 14/day
- May – 23/day
- June – 11/day
- July – 30/day

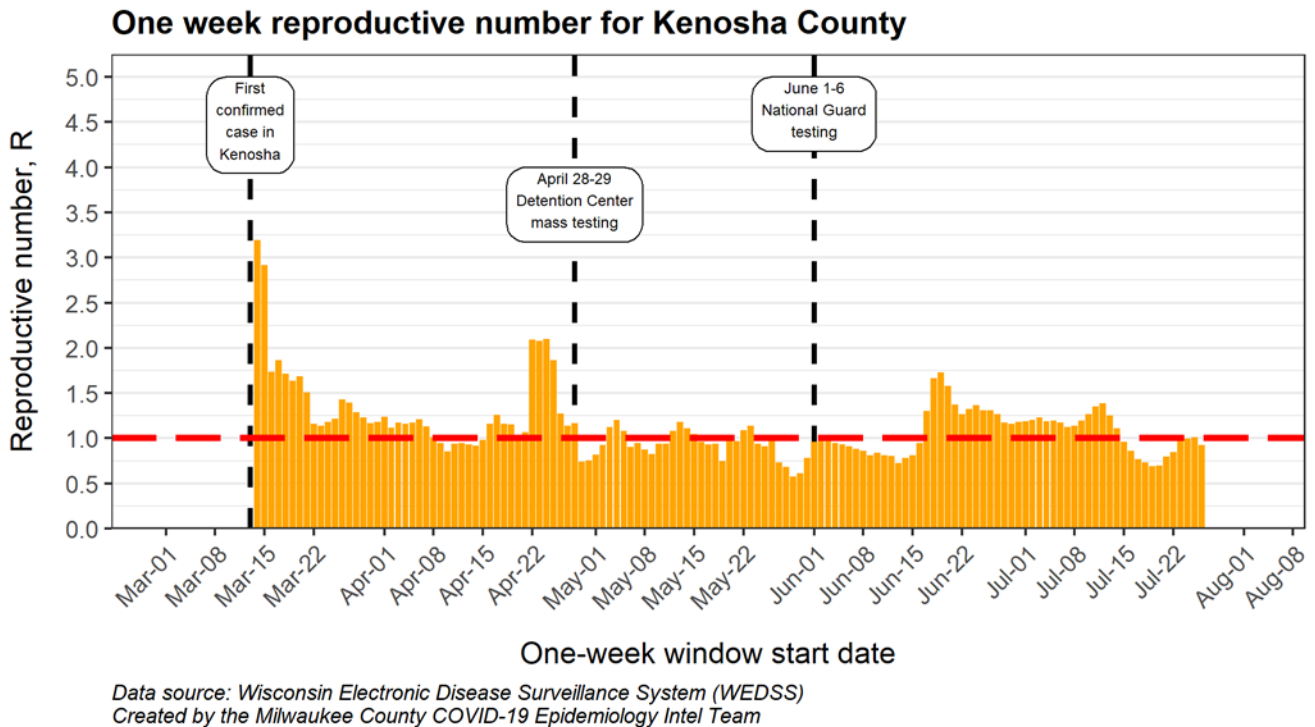| Date	POSITIVE	Daily Pos	NEGATIVE	Daily Neg	Daily Total Tests	% Positive Daily	7 Day Avg
7/27	2305	13	25060	177	190	6.8%	12%
7/28	2341	36	25436	376	412	8.7%	9%
7/29	2374	33	25558	122	155	21.3%	9%
7/30	2426	52	25723	165	217	24.0%	11%
7/31	2453	27	25875	152	179	15.1%	13%
8/1	2474	21	26961	1086	1107	1.9%	13%
8/2	2499	25	27202	241	266	9.4%	12%
8/3	2517	18	27385	183	201	9.0%	13%

WI DHS UPDATES

- The National Guard (11 out of original 40 teams) have been extended through the end of the year.
- On 7/30/20, Gov. Tony Evers declared a Public Health Emergency and issued an Emergency Order requiring individuals to wear face coverings when indoors and not in a private residence, with some exceptions as clarified and defined in the order. The order is effective at 12:01 a.m. on Saturday, August 1, 2020, and will expire on September 28, 2020 or by a subsequent superseding order. Executive Order #82 declaring a public health emergency is available here and Emergency Order #1 requiring face coverings statewide is available here.
- DHS Launching Test Result Hotline for National Guard COVID-19 Test Sites, Results Hotline Flyer Available in English, Hindi, Hmong, Somali, and Spanish.
- On 8/4/20, WI DHS published a press release, "State Poison Center and Health Agency Issue Warning about Certain Hand Sanitizers,"

NATIONAL UPDATES

- Moderna/NIH and Pfizer/BioNtech began Phase 3 trials of their vaccines. Each trial will enroll approximately 30,000 volunteers and determine the efficacy of the respective vaccines in preventing a COVID-19 infection. **[NIH, Stat News]**
- The Eastman Kodak Company, known for camera products, received a $765 million Defense Production Act loan to establish a new division, Kodak Pharmaceuticals, for U.S.-based production of chemicals used in generic drugs. **[Washington Post]**

KENOSHA COUNTY TRANSMISSION DATA

The reproductive number (R) captures the number of new cases that are the result of an existing case. For example, an R of 2 would indicate that each infected person infects 2 new people. The following plot shows the change in R over time, including key dates related to physical distancing or focused testing campaigns affecting residents. The R for each date is calculated to represent the R for a 7-day period with the start day of that 7-day period represented on the graph. Note R may be unestimable for early dates in the epidemic due to low frequency of cases.

One week reproductive number for Kenosha County

Data source: Wisconsin Electronic Disease Surveillance System (WEDSS)
Created by the Milwaukee County COVID-19 Epidemiology Intel Team

Other Kenosha County data charts can be found at:
https://kenoshacounty.maps.arcgis.com/apps/opsdashboard/index.html#/a315d3dff65e4ae88e74ce7b43c0e070
***Graphs focus on confirmed cases and does **not** include suspect/probable data*
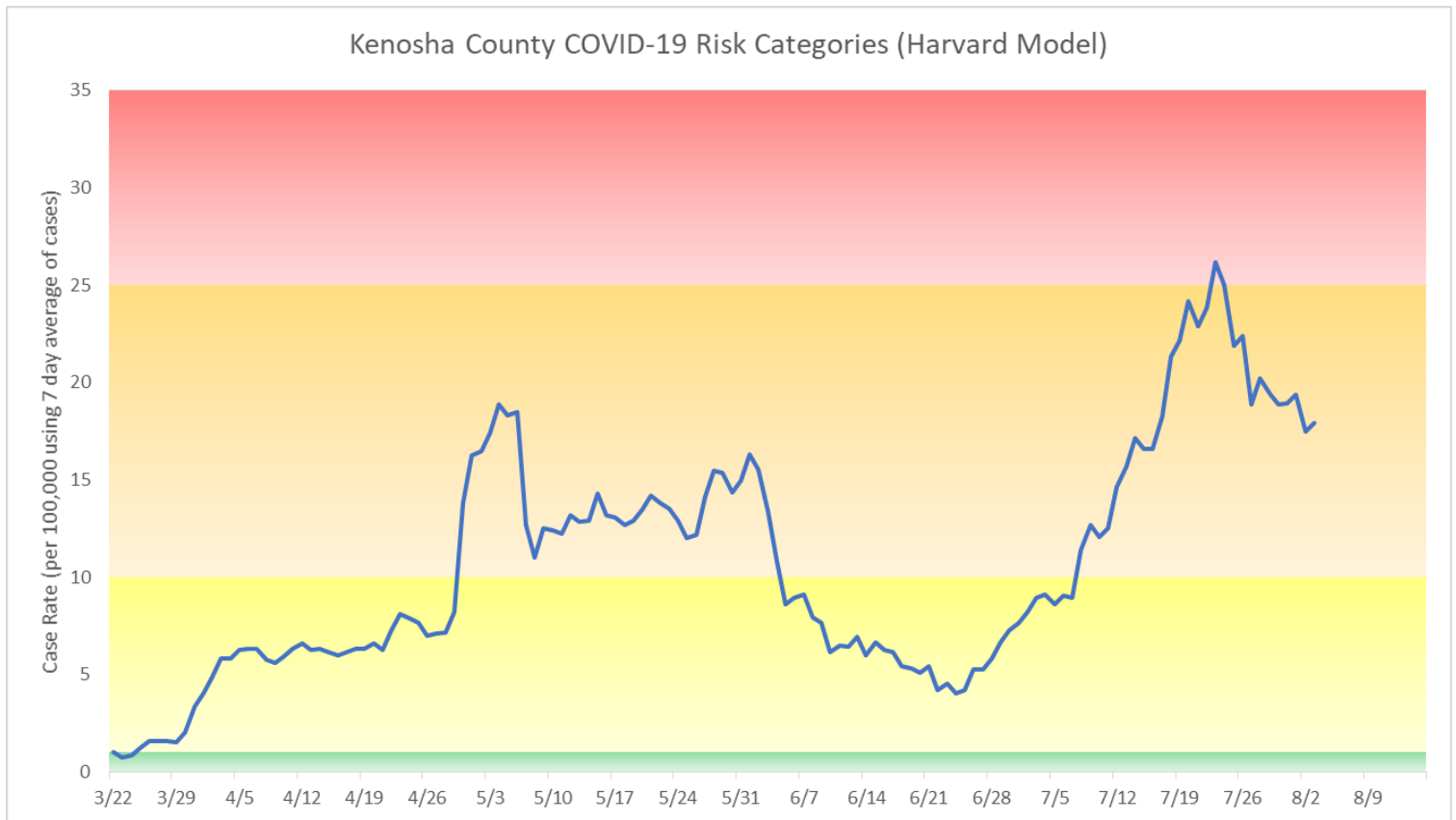
KENOSHA COUNTY RISK CATEGORY CHARTS

The risk category charts below show two different models that can be used for monitoring and decision making.

The new framework brings clarity to metrics that help communities determine the severity of the outbreak they are responding to. A new COVID Risk Level map shows if a county or state is on the green, yellow, orange or red risk level, based on the number of new daily cases. The framework then delivers broad guidance on the intensity of control efforts needed based on these COVID risk levels. It offers key performance indicators for testing and contact tracing across all risk levels, as a backbone for suppression efforts.

- Risk Level Green – On track for containment, monitor with viral testing and contact tracing program
- Risk Level Yellow – Community spread, rigorous test and trace programs advised
- Risk Level Orange – Accelerated spread, stay at home orders and/or rigorous test and tracing programs advised
- Risk Level Red – Tipping point, stay at home ordered necessary

Kenosha County COVID-19 Risk Categories (Harvard Model)

WI DHS BURDEN MODEL - https://www.dhs.wisconsin.gov/covid-19/local.htm

Local and tribal health departments can use this data, in conjunction with other local data and context, to help understand the COVID-19 activity in a county or HERC region of the state. Burden status looks at the case rate (per 100,000 Kenosha County residents in the past two weeks).

- Green - Case rate is less than or equal to 10.
- Yellow - Case rate is greater than 10, but less than or equal to 50.
- Orange - Case rate is greater than 50, but less than or equal to 100.
- Red - Case rate is greater than 100.

Kenosha County COVID-19 Risk Categories (WI DHS Burden Model)