

League of Wisconsin
Municipalities Meeting
07.14.2020

COVID-19 Update

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COVID-19 DIAGNOSTIC TESTING – 07.14.2020

- Cumulative tests administered as of 07.14.2020: WI = **711,101**
 - Negative WI **673,195**
 - Positive WI **37,906** (5.3%)
 - # of tests reported today in Wisconsin= **13,716**
 - Highest single daily total was 15,968 on 06.03.2020
- Testing capacity: **Increased to 24,362** in Wisconsin
 - 83 laboratories currently testing. 24 planning to test
- Positive tests (# positive last five days in last six are highest five days thus far)
 - Wisconsin = **964 (6.6%)** - Highest single day number of positive tests
 - Numbers of positive tests and positivity rate are **early indicators**
 - Previous highest daily positive tests: WI: **926** on 07.11.2020; MKE: **477** on 05.29.2020



COVID-19 HOSPITAL METRICS - 07.14.2020

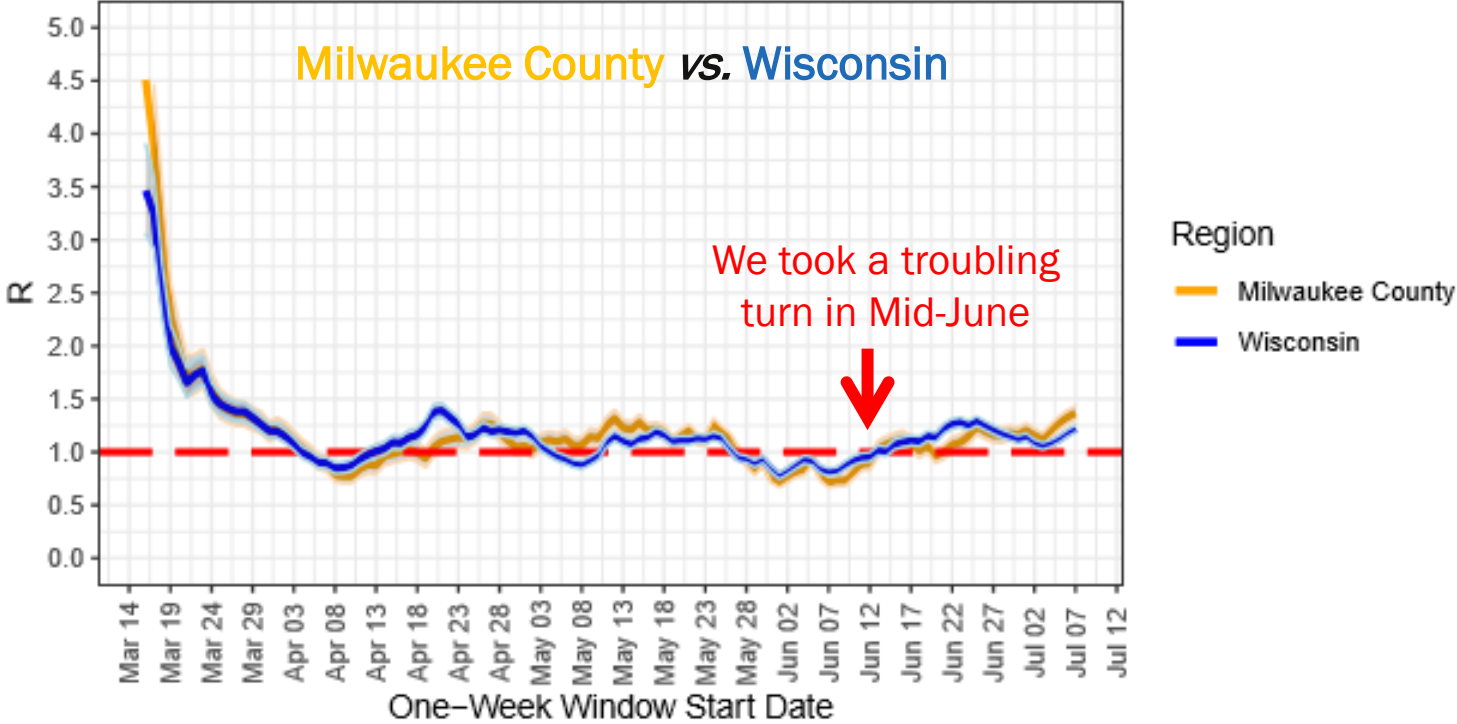
- Number of cumulative hospitalizations: **3,892** (10.3% of positive tests)
- Wisconsin hospitalizations on 07.14.2020
 - **293** inpatients - increasing (high was 446 on 04.09.2020; low 235 on 07.04.2020)
 - **83** in ICU – increasing (high was 196 on 04.09.2020; low was 65 on 07.05.2020)
 - Hospitalizations and ICU use are **lagging indicators**
- ICU capacity: **368** available ICU beds – Stable
- Ventilator capacity **920** – Stable
- PPE trends: **Stable** (most critical needs = goggles and gowns)

VARIOUS COVID-19 INDICATORS - 07.14.2020

- Death is a **highly lagging indicator**
- Cumulative deaths: WI = 820 declining
 - Male: WI = 436 (53.2%)
 - Female: WI = 384 (46.8%)
 - Black/African American: WI = 192 (23.4%)
 - White: WI = 572 (69.8%)
 - Hispanic/Latinx: WI = 96 (11.7%)
- Doubling time for positive tests: WI = 33.8 days; MKE = 40.1 days
- Daily growth rate of positive tests (last 7 days): WI = 2.0%; MKE = 1.9%
- Reproductive number: WI = 1.22; MKE = 1.37 (early indicator)



COMPARING ONE WEEK REPRODUCTIVE NUMBER



WHERE ARE WE WITH COVID-19?

Four weeks ago, I shared this:

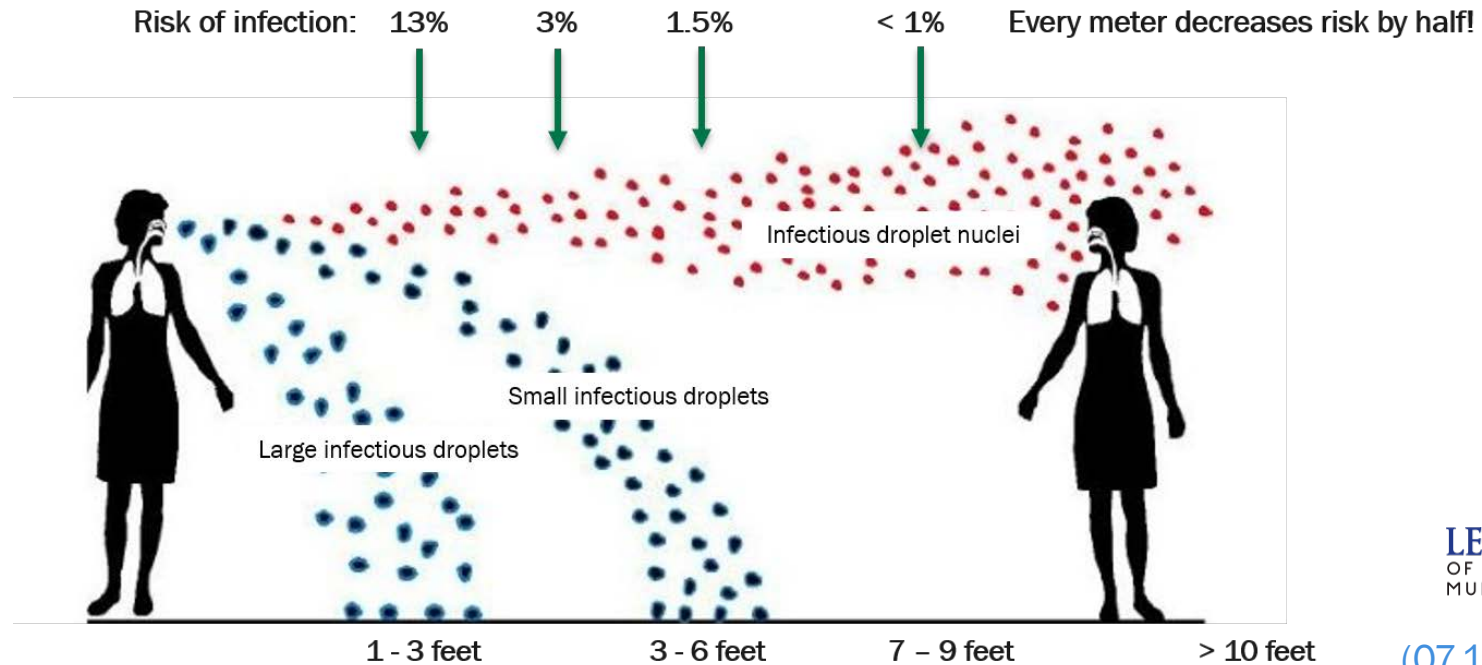


**We have achieved a tenuous
equilibrium with COVID-19**

**As of today, our primary tools to maintain that equilibrium are
good information, diligent physical distancing, hand and
pulmonary hygiene, face coverings and sanitization**



SOCIAL DISTANCING WORKS

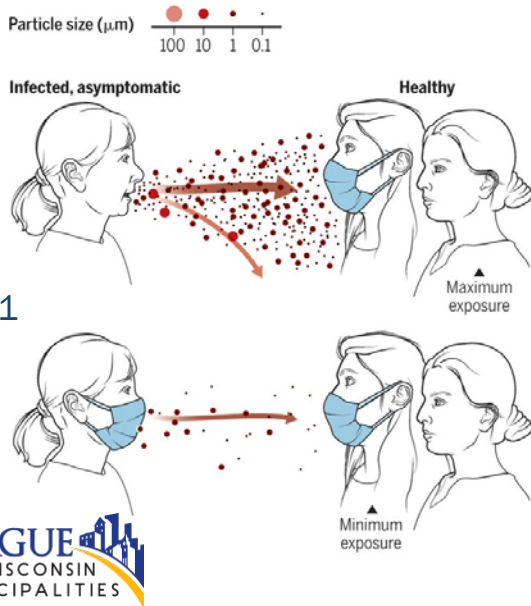


(07.14.2020)

MASKING REDUCES COVID-19 TRANSMISSION

Masks reduce airborne transmission

Infectious aerosol particles can be released during breathing and speaking by asymptomatic infected individuals. No masking maximizes exposure, whereas universal masking results in the least exposure.



N95 respirator > Surgical mask > Multilayer cloth mask > single layer cloth



3. Chu et al.

- Face coverings reduced risk from 17.4% to 3.1%
- Even single layer cotton masks still reduced risk of infection
- Goggles and face shields decrease risk from 16% to 5.5%



Sources:

1. Altounian. *Science* 368(6498):1422-1424 (graphic)
2. Chu et al. *The Lancet*, 02 June 2020 DOI: [https://doi.org/10.1016/S0140-6736\(20\)31142](https://doi.org/10.1016/S0140-6736(20)31142)
3. Berkowitz & Steckelberg. *Washington Post* 09 April 2020 (graphic).

WHERE ARE WE WITH COVID-19?

As we see surges in cases and increasing positivity rates across the country and here in Wisconsin, we should note that hospitalizations and ICU use lag cases by 2-4 weeks, and that deaths may lag several weeks more. Despite the younger age demographic of newer cases, it is imperative that we continue best practices of diligent physical distancing, hand and respiratory hygiene, face coverings and sanitization. Those are the best tools we have to keep everyone safe.