

COVID-19

NAVIGATING THE NUMBERS



knowledge changing life

INTERMEDIATE INDICATORS:

Non-surge capacity of hospital & ICU beds & ventilators:

Hospital and equipment capacity for normal, day-to-day hospital needs

Hospitalizations/ICU use:

Number of COVID-19 patients who have been hospitalized or admitted to the ICU

LAGGING INDICATORS:

Deaths:

Deaths per day caused by COVID-19

Deaths per week caused by COVID-19

Other death-related definitions:

Case Fatality Rate: proportion of deaths from COVID-19 compared to the total number of people diagnosed with the virus

Infection Fatality Rate: proportion of deaths from COVID-19 compared to all infected individuals. Differs from Case Fatality rate in that it tries to account for undiagnosed and asymptomatic cases

Mortality Rate: Deaths caused by COVID-19 in a population over a period of time

LIMITING FACTORS:

In relation to the management of COVID-19, a limiting factor is a variable that causes a noticeable change in response to the virus.

PPE (Personal Protective Equipment): needed to provide all medical care, including for COVID-19

Testing Capacity: number of tests able to be performed per day in Wisconsin. Limited by availability of supplies (reagents and swabs) and number of tests that can be analyzed in a certain period of time

Hospital Capacity: number of hospital beds available to treat COVID-19 patients as well other ill or injured patients. Hospital capacity under 15% is considered critical