

DuPage County Daily COVID-19 Update- October 8, 2020

Illinois reported 3,059 new cases and 32 deaths. Illinois now has a total of 310,700 positive tests and 8,910 deaths. Yesterday, Governor Pritzker announced that the state have conducted over 6 million tests.

Since yesterday, there are 189 new cases of COVID-19 in DuPage County including three deaths of persons with COVID-19 infection reported; a male in his 70s, a female in her 80s, and a male in his 90s DuPage now has 18,729 cases and 575 deaths. Today, the CBTS at the Fairgrounds collected 582 test samples. The waiting time varied between 53 minutes and 1 hour and 6 minutes.

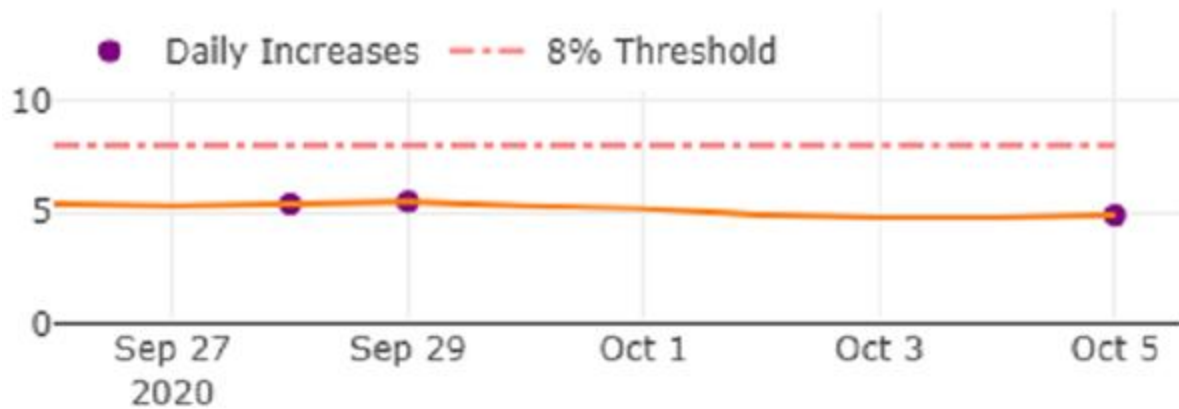
Positivity Rate, Hospital Admissions, and Medical Bed and ICU Bed Availability metrics remain statistically stable for Region 8, which consists of DuPage County and Kane County.

Kane County recorded 108 cases and one death, for a total of 13,822 cases and 331 total deaths.

Region 8 positivity rate as shown below, returned to 4.9 percent from 4.8 percent on the 7-day rolling average. Daily hospital admissions increased to 14 from 13 on the 7-day rolling average.

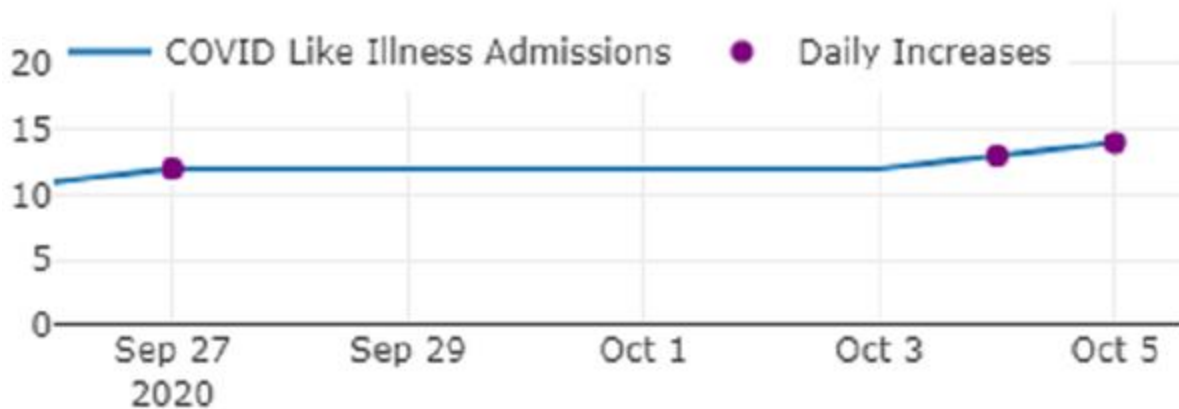
Test Positivity 7 Day Rolling Average

3 Days of Positivity Increases



Hospital Admissions 7 Day Rolling Average

3 Days of Hospital Admission Increases



The third metric shown below is medical and surgical bed availability. The target is to have at least 20 percent of the medical and surgical beds available. Today, Region 8 reports that 32 percent of its hospital beds are available and 47 percent of its ICU beds available.

Hospital Availability 3 Day Rolling Average

Med Surg Bed Availability
(20% threshold)

ICU Bed Availability
(20% threshold)



32%

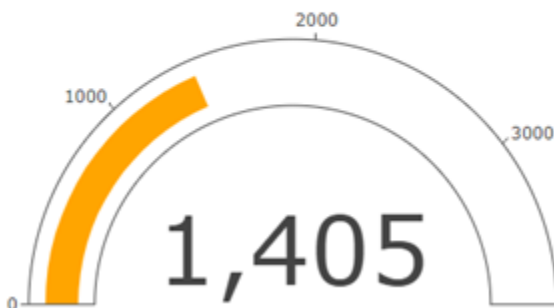
47%

If Region 8 ICU beds and ventilators were unavailable, other regions would be used to care for sick patients. As such, the Illinois Department of Public Health makes us aware of the hospital and surgical bed availability throughout the state. Those numbers, as seen below, indicate that 1,405 ICU beds and 4,482 ventilators are available throughout the state.

Illinois Hospital Availability

ICU Beds
1,405 Beds Available of 3,790

Ventilators
4,482 Available of 5,768



As you review the figures below, please be reminded that the serious or critical cases are defined as “the number of patients currently being treated in an Intensive Care Unit (ICU). A patient with mild condition symptoms may range from asymptomatic or sick with conditions that require hospitalization but not treatment in an ICU. Statistics from the World Health Organization and CDC provide the following breakdown of global cases from earlier today:

Worldwide Cases total 36,662,548 compared to 36,255,681 yesterday

Deaths worldwide total 1,064,617 compared to 1,057,756 yesterday

Number of people who have completely recovered worldwide is now 27,573,235 compared to 27,296,790 yesterday

Globally, there are 8,024,696 active cases compared to 7,901,135 active cases yesterday. The active cases are divided between 'mild condition' cases and 'serious or critical condition' cases. Mild cases are now 99.1 percent of the worldwide active cases.

Global serious or Critical Condition cases: 67,681 compared to 67,989 yesterday

Worldwide mild condition cases: 7,957,015 compared to 7,833,146 yesterday

United States confirmed cases: 7,816,713 compared to 7,741,758 yesterday

US Deaths: 217,455 compared to 216,207 yesterday

Total US Recoveries: 5,009,994 compared to 4,956,624 yesterday

US Active cases: 2,589,264 compared to 2,568,907 yesterday

Serious or Critical Condition cases: 14,561 compared to 14,512 yesterday

Mild condition: 2,574,703 (99.4%) compared to 2,554,395 (99.4%) yesterday

If you have any questions, please feel free to contact me.

Sincerely,

Dennis Brennan

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