



COVID-19 Weekly Snapshot

This report was updated on December 29, 2020 and includes data through December 26, 2020

A COVID-19 data snapshot specific to the City of Greenfield will be provided to our community members on a weekly basis. The purpose of each snapshot is to provide a summary of important updates and COVID-19 data. The data in each weekly snapshot is run on Sundays and be available to the public no later than Tuesday.

Data for this snapshot is collected from the following sources:

Greenfield: Local Health Department, COVID-19 is reported through the Wisconsin Electronic Surveillance System (WEDSS)

Milwaukee County: Wisconsin Department of Health Services (<https://www.dhs.wisconsin.gov/covid-19/county.htm>)

Wisconsin: Wisconsin Department of Health Services (<https://www.dhs.wisconsin.gov/covid-19/data.htm>)

United States: NACCHO Dashboard (<https://covid19-naccho.hub.arcgis.com/>)

Global: Johns Hopkins Dashboard (<https://coronavirus.jhu.edu/map.html>)

City, County, State, National and Global Data

Location	Total Confirmed Cases	Total Deaths
Greenfield	3,499	81
Milwaukee County	83,338	955
Wisconsin	472,153	4,711
United States	19,325,429	334,780
Global	81,508,329	1,779,189

Please note: Data within this report and its associated graphs are representative of data collected through the disease investigation process (*contact tracing*). When COVID-19 cases overwhelm the resources and capacity of our department, we are unable to complete disease investigations with each confirmed case which limits our data quality and may result in underestimation (*percentage of cases with underlying health conditions or reported symptoms*) or overestimation (*percentage of asymptomatic cases*) of the current burden. We are prioritizing cases among the most high-risk groups, and attempting to reach all other confirmed cases through notification by phone calls and letters.

Regarding deaths: Coding a death as COVID-19 related requires an assessment of death certificates and requires the listing of COVID-19 as either a primary or underlying cause of death. Due to the delay in final disposition of deaths, the death data is often lagging by several weeks and an increase of deaths in this report week may reflect newly entered deaths from weeks prior.

Case Outcomes

This graph is based on case outcome: The majority of all confirmed cases did not require hospitalization due to COVID-19.



Of the 3,499 confirmed cases in the City of Greenfield, 2.3% of cases resulted in death, 6.5% of cases required hospitalization, and 91.2% of the cases required self-isolation. This data is similar across other weeks.

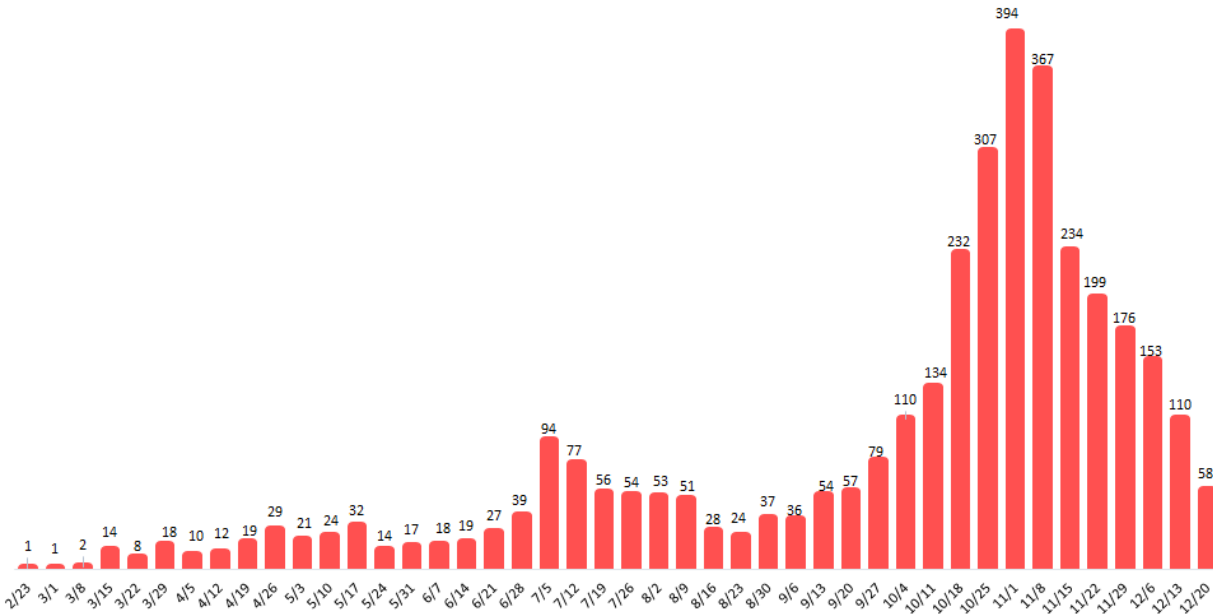


Confirmed Cases in Greenfield Over Time

Symptom Onset

This graph is based on symptom onset: The highest number of cases when symptom onset began were reported during November 1-November 7. A total of 394 cases were identified during this time.

When we consider symptom onset, the highest number of confirmed cases since February 23, 2020 were identified during the week of November 1- November 7 (394 cases). In general, weekly symptom onset totals are more reflective of disease transmission because it can take 2-14 days for COVID-19 symptoms to appear, making the graph more variable.

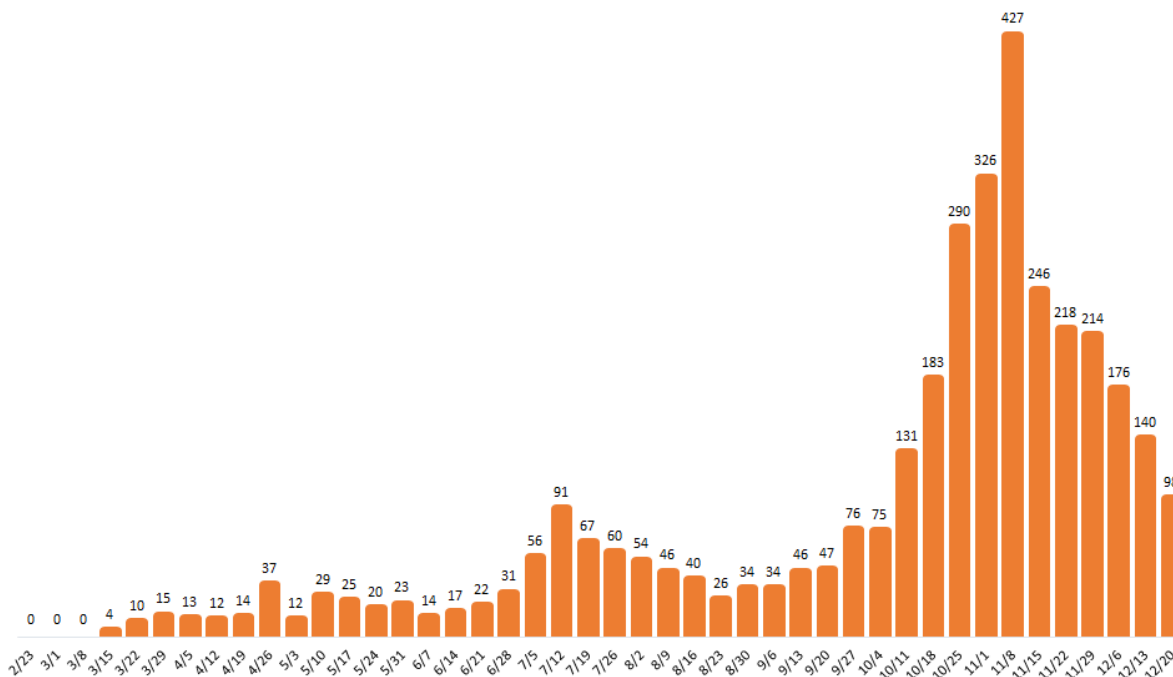


Note: The dates in this graph reflect the start date for the given week. So, a start date for 2/23 would include dates of 2/23-2/26.

Confirmed Cases

This graph is based on the number of confirmed cases received per week: The highest number of confirmed cases were received during November 8-November 14. A total number of 427 cases were received during this time.

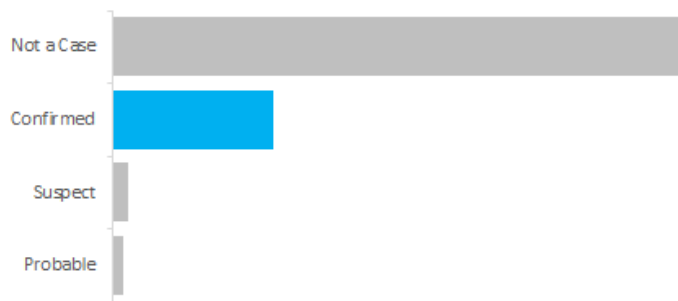
When we consider the number of confirmed cases, the number of received cases first peaked during the week of July 12-18 (91 cases) and declined after that. However, from the week of August 23 and then on, it appears case counts were steadily increasing until the report week of November 15-November 21 (246 cases) when compared to the previous weeks (August 23-November 8). This decrease, however, may be due to decreased testing. The week of November 8-November 14 reflects the highest number of total confirmed cases (427 cases) since February 23. Overall, this graph of weekly confirmed cases reflects the current burden of confirmed cases and the demand of contact tracing efforts.



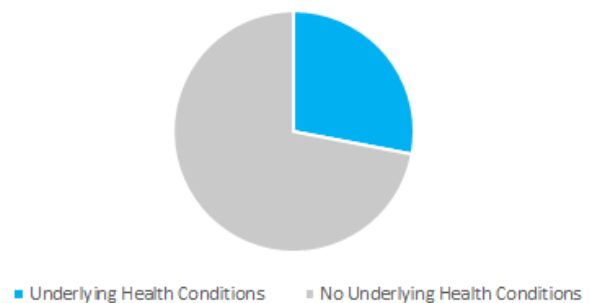
Note: The dates in this graph reflect the start date for the given week. So, a start date for 2/23 would include dates of 2/23-2/26.

Cases & Underlying Health Conditions

Cases: Of the 16,472 total COVID-19 case investigations, **3,499 residents were laboratory confirmed** as of Saturday, December 26, 2020.



Underlying Health Conditions: A total of **28%** of the confirmed cases had **underlying health conditions**.



Confirmed cases are those who have been positively identified through clinical testing to have been infected by COVID-19. The 3,499 confirmed tests to-date in the City of Greenfield represent 4.20% of the total positive cases in Milwaukee County.

Please note that, in cases where workplace outbreaks are occurring (including businesses and nursing homes), initial test results for staff members may incorrectly list Greenfield as the address since the address may default to the business address. Similarly, this happens in other communities throughout Milwaukee County. Ultimately, cases are reassigned to their home address but this process does take several days to a week to correct.

Testing

Testing capacity has increased since March 1. Currently, [Wisconsin Department of Health Services recommends testing](#) for anyone with symptoms of COVID-19 or who has been exposed to COVID-19.

**Note: This data is provided from a county-wide report released from the Medical College of Wisconsin and may not reflect real-time.*

ALL tests (March 1 - December 22) in Greenfield

Total: 34,894

Percent of all tests in Milwaukee County: 3.96%

Percent positive: 11.2%

Tests in the last two weeks (December 9-December 22) in Greenfield

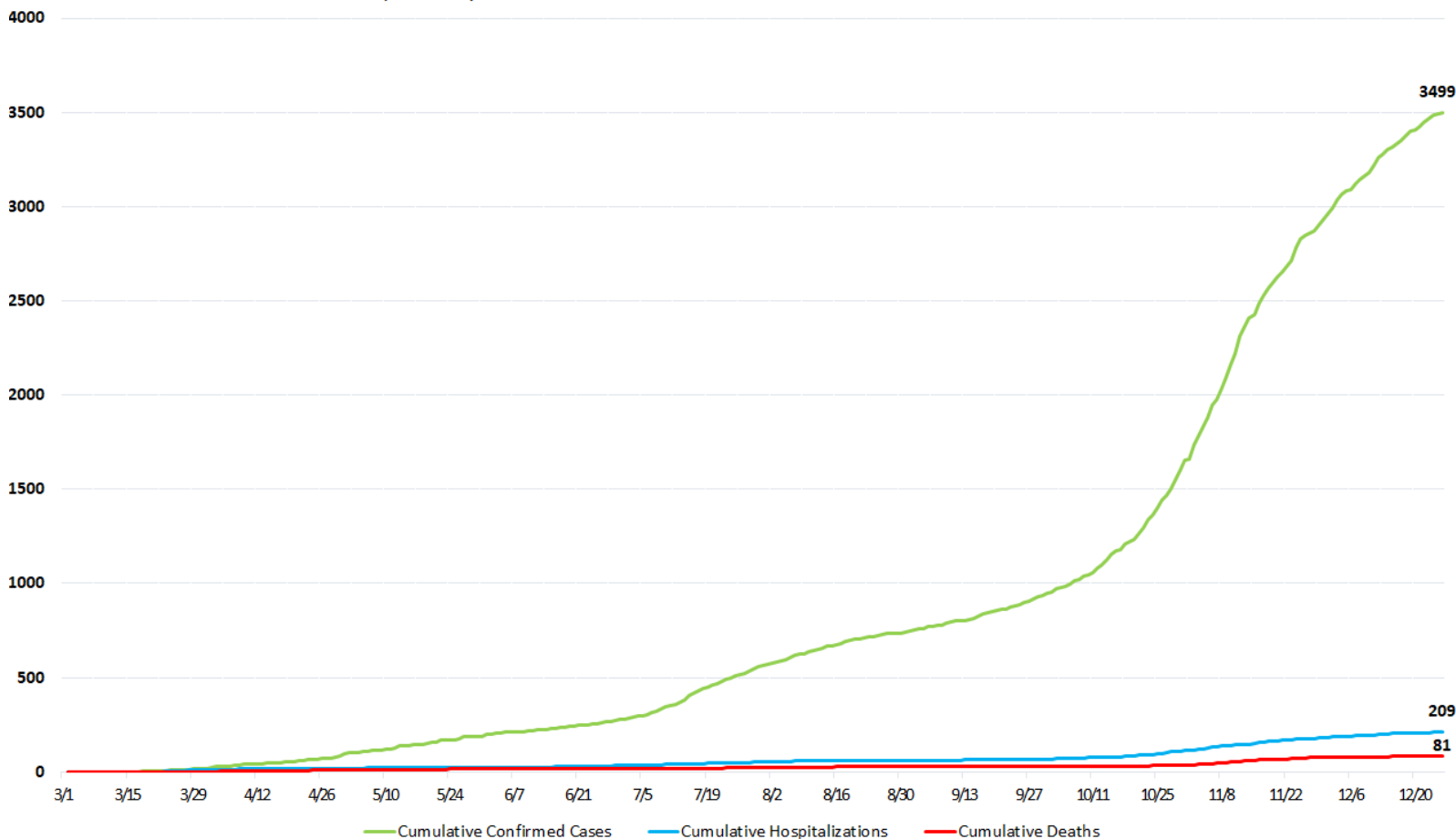
Total: 2,672

Percent of all tests in Milwaukee County : 4.25%

Percent positive: 9.8%

Cumulative Outcomes

Cumulative Cases: The majority of **Confirmed Cases** due to COVID-19 in the City of Greenfield from March 1, 2020-December 26, 2020 did not require hospitalization or result in death.

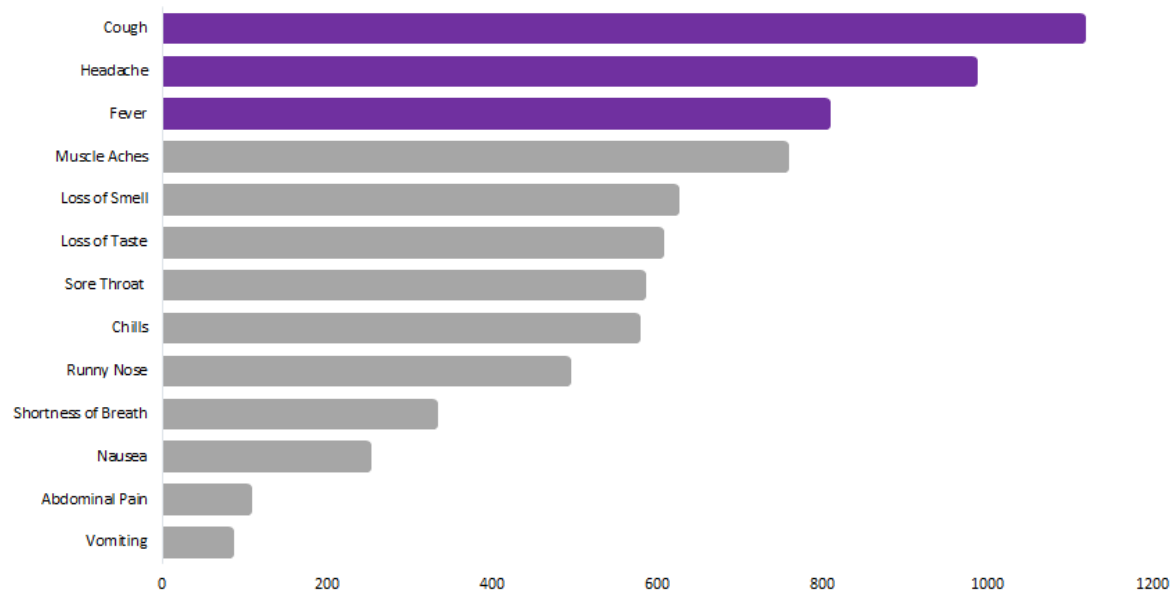


Note: The city of Greenfield has experienced 229 hospitalized cases related to COVID-19 - this is not reflected in the graph because the admitted hospital date is unknown.

The number of hospitalizations and deaths has again increased during this report week (12/19-12/26), but the percent of cases who resulted in death or hospitalization, when compared to the total number of cases, has stayed relatively consistent over the past weeks (see page 2). Final disposition is based on the date that the disease investigation was created, meaning that the data reflected in this chart represents a lag in data reported and we may see an increase over the next several weeks.

Symptoms

This graph is based on experienced symptoms: The **most reported** symptoms include **cough, headache, and fever.**



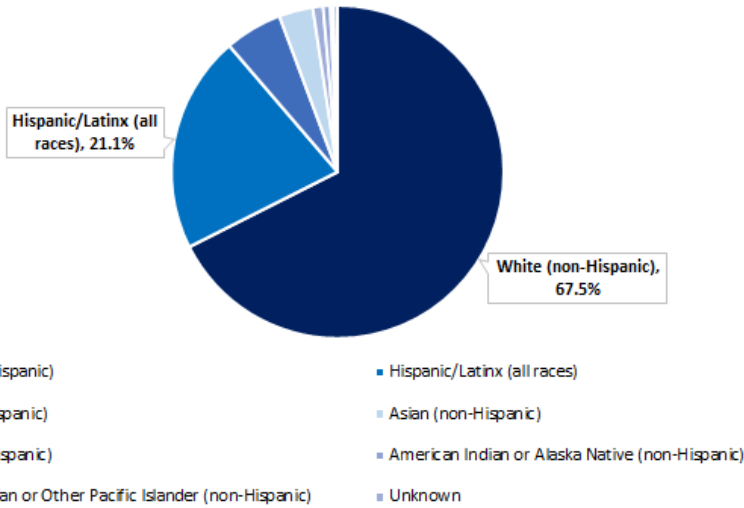
A wide-range of symptoms were reported among confirmed cases of COVID-19. The symptoms reported among confirmed cases in the City of Greenfield are consistent with symptoms identified by the CDC. These symptoms include cough, headache, and fever: 32% of confirmed cases reported a cough, 28% reported a headache, and 23% reported a fever. Furthermore, it is important to note that 38% of confirmed cases reported no symptoms during their isolation period.

Demographic Data

Race/Ethnicity

Demographic Data: More than half of the confirmed cases in the City of Greenfield identify their race/ethnicity as White (non-Hispanic)

According to the most recent Census Data, the majority of residents in the City of Greenfield identify as White (non-Hispanic), with Hispanic/Latinx being the second largest reported category. Out of the 3,499 cases, a total of 67.5% of cases identify as White (non-Hispanic), 21.1% identify as Hispanic/Latinx, 5.6% identify as Black/African American (non-Hispanic), 3.3% identify as Asian (non-Hispanic), 1% identify as "Other" (non-Hispanic), meaning that the case's self-identified racial/ethnic identity is not listed in the reporting form or identify as multiple races/ethnicities, 0.7% identify as American Indian or Alaska Native (non-Hispanic), 0.4% of race/ethnicity case data is unknown, and 0.4% identify as Native Hawaiian or Other Pacific Islander (non-Hispanic).



Gender

Gender: The majority of confirmed cases in Greenfield, WI identify as female.

Of the 3,499 confirmed cases in the City of Greenfield, females make up 53% of the cases compared to males at 47%. This data continues to stay similar across weeks.



Age

Age: More than three quarters (81%) of the confirmed cases are younger than 65 years of age.

According to the CDC, older adults and people who have severe underlying medical conditions like heart or lung disease or diabetes seem to be at higher risk for developing more serious complications from COVID-19 illness. Confirmed cases in Greenfield have been consistent with this statement, however, we are seeing an increase of cases among individuals < 65 years old. More than 3/4 of the confirmed cases are younger than 65 years of age: A total of 19% of confirmed cases are 65 years and older, 14% are between the ages of 55-64 years, 13% are between the ages of 45-54 years, 15% are between the ages of 35-44 years, 19% are between the ages of 25-34, 11% are between the ages of 18-24, and 9% are between the ages of 0-17 years.

