

## COVID-19 Public Use Data Definitions



### Data Disclaimer

All results (both positive and negative) from diagnostic, confirmatory tests (for example, molecular, PCR or nucleic acid amplification tests [NAAT]) that detect the RNA of the SARS-CoV-2 virus that causes COVID-19 for Wisconsin residents are reportable to the Wisconsin Department of Health Services (DHS). Positive results, but not negative results, from diagnostic, rapid tests (for example, SARS-CoV-2 antigen) are also reportable. This information is entered, either electronically or manually, and aggregated by person into the Wisconsin Electronic Disease Surveillance System (WEDSS).

The data included in this file are from WEDSS. The data included for each day (unless noted otherwise) are the cumulative number of Wisconsin residents with “confirmed” and “probable” cases of COVID-19. The case definition for COVID-19 is defined by the Centers for Disease Control and Prevention (CDC) and the Council of State and Territorial Epidemiologists [<https://ndc.services.cdc.gov/case-definitions/coronavirus-disease-2019-2021/>]. Confirmed cases are those that had positive diagnostic, confirmatory test results detecting SARS-CoV-2 RNA (also called molecular tests). Prior to October 1, 2021, if a person had more than one positive result with this kind of test, they were counted as a confirmed case only once.

Probable cases are those cases that are not positive by a confirmatory laboratory test method (for example, PCR or other molecular test), but have met one of the following:

- a) have a positive test result using an antigen test method
- b) have symptoms of COVID-19 AND known exposure to COVID-19 (for example, being a close contact of someone who was diagnosed with COVID-19) and no molecular or antigen test was performed or
- c) have COVID-19 or SARS-CoV-2 is listed on the death certificate.

Prior to and after October 1, 2021, rarely, a probable case can be reported more than once depending on how the person meets the case definition (e.g., if a person was a symptomatic close contact of a confirmed or probable COVID-19 case but was never tested during their illness).

Beginning on October 1, 2021, due to the [updated CDC case definition](#), a person may be reported as a confirmed or probable case more than once if they have more than one positive molecular or antigen tests that are more than 90 days apart.

The data in this file also includes information on people with negative diagnostic molecular test results (for example, PCR or NAAT). This is the unique number of people who had negative test results, and if a person had more than one negative test result they would be included in the count of negatives only once. In addition, the number of people with negative test results includes only test results reported electronically to DHS or entered manually into the WEDSS electronic laboratory module. As a result, this number underestimates the total number of Wisconsin residents with negative test results.

These data include information for Wisconsin residents only; however, data does include those who resided in Wisconsin for a period of time, such as college students.

Antibody test results are not included in this file. Antigen tests are not included in this file within test-related measures (since negative antigen test results are not reportable); however, people with positive antigen test results are included in probable case-related measures.

The data reported each day include all case reports created through the date in the DATE data field. The data are then frozen daily early in the morning to provide a snapshot of the data as of a consistent time each day. These numbers are the official DHS numbers. Counties may report their own totals independent of DHS. Combining the DHS and local totals may result in inaccurate totals. Data on county websites may be based on snapshots of WEDSS data taken at a different time from DHS’s snapshot. As a result, the numbers on county websites and DHS’s website may differ.

These data are subject to change. As individual cases are investigated by public health, there may be corrections to the status and details of cases that result in changes to this information.

Deaths must be reported by health care providers, medical examiners/coroners, and recorded by local health departments in order to be counted.

### Status Flag Values

**-999:** Census tracts, municipalities, school districts, and zip codes with 0–4 aggregate counts for any data have been suppressed. County data with 0-4 aggregate counts by demographic factors (e.g., by age group, race, ethnicity) have been suppressed.

### General Data Field Descriptions

**GEOID:** Identification codes for each unique statistical geographic area for which the data is tabulated. GEOIDs are made up of Federal Information Processing Series (FIPS) codes from the U.S. Census Bureau.

**GEO:** General description of geographic boundary type.

**NAME:** Name of the geographic boundary.

**DATE:** Date and time that the data was last updated. These data include cases reported through DATE and earlier. DATE is in Coordinated Universal Time (UTC).

**RptDt:** Date and time that the data was published. These data include cases reported the previous day and earlier. RptDt is in Coordinated Universal Time (UTC).

### Rolling 7-Day Averages of Case-, Death-, and Test-Related Measures

**NEG\_7DAYAVG:** Rolling 7-day average of NEG\_NEW, the number of people who tested negative for COVID-19 using a diagnostic, confirmatory test result (molecular, PCR or NAAT to detect SARS-CoV-2 RNA) newly reported since the previous day.

**POS\_7DAYAVG\_CP:** Rolling 7-day average of POS\_NEW\_CP, the number of people who had confirmed or probable cases of COVID-19 newly reported since the previous day.

**POS\_7DAYAVG\_CONF:** Rolling 7-day average of POS\_NEW\_CONF, the number of people who had confirmed cases of COVID-19 newly reported since the previous day.

**POS\_7DAYAVG\_PROB:** Rolling 7-day average of POS\_NEW\_PROB, the number of people who had probable cases of COVID-19 newly reported since the previous day.

**DTH\_7DAYAVG\_CP:** Rolling 7-day average of DTH\_NEW\_CP, the number of people who had confirmed or probable cases of COVID-19 and died from COVID-19 related causes newly reported since the previous day, and if date of death occurred within 30 days of being reported.

**DTH\_7DAYAVG\_CONF:** Rolling 7-day average of DTH\_NEW\_CONF, the number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes newly reported since the previous day, and if date of death occurred within 30 days of being reported.

**DTH\_7DAYAVG\_PROB:** Rolling 7-day average of DTH\_NEW\_PROB, the number of people who had probable cases of COVID-19 and died from COVID-19 related causes newly reported since the previous day, and if date of death occurred within 30 days of being reported.

**TESTS\_7DAYAVG:** Rolling 7-day average of TESTS\_NEW, the number of diagnostic, confirmatory test results for COVID-19 (molecular, PCR or NAAT test to detect SARS-CoV-2 RNA) newly reported since the previous day. Because the number of people with test results includes only Wisconsin residents who had test results reported electronically to DHS, TEST\_NEW underestimates the total number of Wisconsin residents tested. If a person has a diagnostic, confirmatory test more than once, they are included and counted in this

measure each time they are tested.

### Number of People Who Have Tested Negative for SARS-CoV-2 RNA

**NEG:** Cumulative total number of people who tested negative for COVID-19. This includes diagnostic, confirmatory test results only (those are molecular, PCR or NAAT tests that detect the RNA of the SARS-CoV-2 virus). In addition, the number of people with negative test results includes only test results reported electronically to DHS or entered manually into the WEDSS electronic laboratory module. As a result, this number underestimates the total number of Wisconsin residents with negative test results.

### Number of SARS-CoV-2 RNA Tests

**TESTS:** Cumulative total number of diagnostic, confirmatory test results for COVID-19 (molecular, PCR or NAAT test to detect SARS-CoV-2 RNA). Because the number of people with test results includes only Wisconsin residents who had test results reported electronically to DHS, TESTS underestimates the total number of Wisconsin residents tested. If a person has a diagnostic, confirmatory test more than once, they are included and counted in this measure each time they are tested.

### Number of Confirmed Cases of COVID-19

**POS\_CP:** Cumulative total number of cases, either confirmed or probable.

**POS\_CONF:** Cumulative total number of confirmed cases.

**POS\_PROB:** Cumulative total number of probable cases.

**POS\_FEM\_CP:** Cumulative number of confirmed or probable cases, female gender.

**POS\_MALE\_CP:** Cumulative number of confirmed or probable cases, male gender.

**POS\_OTH\_CP:** Cumulative number of confirmed or probable cases, other or unknown gender.

**POS\_0\_9\_CP:** Cumulative number of confirmed or probable cases, ages 0–9 years.

**POS\_10\_19\_CP:** Cumulative number of confirmed or probable cases, ages 10–19 years.

**POS\_20\_29\_CP:** Cumulative number of confirmed or probable cases, ages 20–29 years.

**POS\_30\_39\_CP:** Cumulative number of confirmed or probable cases, ages 30–39 years.

**POS\_40\_49\_CP:** Cumulative number of confirmed or probable cases, ages 40–49 years.

**POS\_50\_59\_CP:** Cumulative number of confirmed or probable cases, ages 50–59 years.

**POS\_60\_69\_CP:** Cumulative number of confirmed or probable cases, ages 60–69 years.

**POS\_70\_79\_CP:** Cumulative number of confirmed or probable cases, ages 70–79 years.

**POS\_80\_89\_CP:** Cumulative number of confirmed or probable cases, ages 80–89 years.

**POS\_90\_CP:** Cumulative number of confirmed or probable cases, ages 90 years or older.

### People with Confirmed or Probable Cases of COVID-19 Who Have Died from COVID-19-Related Causes

**DTH\_CUM\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes.

**DTH\_CUM\_CONF:** Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19-related causes.

**DTH\_CUM\_PROB:** Cumulative number of people with probable cases of COVID-19 who died from

COVID-19-related causes.

**DTHS\_FEM\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, female gender.

**DTHS\_MALE\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, male gender.

**DTHS\_OTH\_CP:** Cumulative number of confirmed or probable cases of COVID-19 who died from COVID-19-related causes, other or unknown gender.

**DTHS\_0\_9\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 0–9 years.

**DTHS\_10\_19\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 10–19 years.

**DTHS\_20\_29\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 20–29 years.

**DTHS\_30\_39\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 30–39 years.

**DTHS\_40\_49\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 40–49 years.

**DTHS\_50\_59\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 50–59 years.

**DTHS\_60\_69\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 60–69 years.

**DTHS\_70\_79\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 70–79 years.

**DTHS\_80\_89\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, ages 80–89 years.

**DTHS\_90\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who died from COVID-19-related causes, age 90 years or older.

### Hospital Admissions

**HOSP\_YES\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who were ever hospitalized for COVID-19.

**HOSP\_NO\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 who were never hospitalized for COVID-19.

**HOSP\_UNK\_CP:** Cumulative number of people with confirmed or probable cases of COVID-19 for whom it is unknown whether they were hospitalized.

**IP\_Y\_0\_9\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 0–9 years.

**IP\_Y\_10\_19\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 10–19 years.

**IP\_Y\_20\_29\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 20–29 years.

**IP\_Y\_30\_39\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 30–39 years.

**IP\_Y\_40\_49\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 40–49 years.

**IP\_Y\_50\_59\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 50–59 years.

**IP\_Y\_60\_69\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 60–69 years.

**IP\_Y\_70\_79\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 70–79 years.

**IP\_Y\_80\_89\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 80–89 years.

**IP\_Y\_90\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were hospitalized for COVID-19, ages 90 years or older.

**IP\_N\_0\_9\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 0–9 years.

**IP\_N\_10\_19\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 10–19 years.

**IP\_N\_20\_29\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 20–29 years.

**IP\_N\_30\_39\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 30–39 years.

**IP\_N\_40\_49\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 40–49 years.

**IP\_N\_50\_59\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 50–59 years.

**IP\_N\_60\_69\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 60–69 years.

**IP\_N\_70\_79\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19 ages 70–79 years.

**IP\_N\_80\_89\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 80–89 years.

**IP\_N\_90\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, and were never hospitalized for COVID-19, ages 90 years or older.

**IP\_U\_0\_9\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 0–9 years.

**IP\_U\_10\_19\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 10–19 years.

**IP\_U\_20\_29\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 20–29 years.

**IP\_U\_30\_39\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is

unknown whether they were hospitalized or not, ages 30–39 years.

**IP\_U\_40\_49\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 40–49 years.

**IP\_U\_50\_59\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 50–59 years.

**IP\_U\_60\_69\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 60–69 years.

**IP\_U\_70\_79\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 70–79 years.

**IP\_U\_80\_89\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 80–89 years.

**IP\_U\_90\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 90 years or older.

### Intensive Care Admissions

**IC\_YES\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit.

**IC\_Y\_0\_9\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 0–9 years.

**IC\_Y\_10\_19\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 10–19 years.

**IC\_Y\_20\_29\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 20–29 years.

**IC\_Y\_30\_39\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 30–39 years.

**IC\_Y\_40\_49\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 40–49 years.

**IC\_Y\_50\_59\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 50–59 years.

**IC\_Y\_60\_69\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 60–69 years.

**IC\_Y\_70\_79\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 70–79 years.

**IC\_Y\_80\_89\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 80–89 years.

**IC\_Y\_90\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and were admitted to intensive care unit, ages 90 years or older.

### Race and Ethnicity

**POS\_AIAN\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with race documented as American Indian or Alaskan Native.

**POS\_ASN\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with race

documented as Asian or Pacific Islander.

**POS\_BLK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with race documented as African American or Black.

**POS\_WHT\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with race documented as white.

**POS\_MLTOTH\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with race documented as multiple races or other race.

**POS\_UNK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with unknown race.

**POS\_E\_HSP\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with ethnicity documented as Hispanic or Latino.

**POS\_E\_NHSP\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with ethnicity documented as not Hispanic or Latino.

**POS\_E\_UNK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with unknown ethnicity.

**DTH\_AIAN\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with race documented as American Indian or Alaskan Native.

**DTH\_ASN\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with race documented as Asian or Pacific Islander.

**DTH\_BLK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with race documented as African American or Black.

**DTH\_WHT\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with race documented as white.

**DTH\_MLTOTH\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with race documented as multiple races or other race.

**DTH\_UNK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with unknown race.

**DTH\_E\_HSP\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with ethnicity documented as Hispanic or Latino.

**DTH\_E\_NHSP\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with ethnicity documented as not Hispanic or Latino.

**DTH\_E\_UNK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes with unknown ethnicity.

### Health Care Worker Status

**POS\_HC\_Y\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 who were reported as being a health care worker. Data on COVID-19 cases who are health care workers represents a broad range of occupations in the health care field, including nurses, physicians, surgeons, physician assistants, health care support staff, emergency medical technicians and paramedics, dentists and other dental health workers, and pharmacists.

**POS\_HC\_N\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 who had documentation of having an occupation that is not as a health care worker.

**POS\_HC\_UNK\_CP:** Cumulative number of people who had confirmed or probable cases of COVID-19 with unknown occupation. This would include retired persons if no occupation was reported.

### Newly Reported Data by Day

**DTH\_NEW\_CP:** Number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes newly reported since the previous day, and if date of death occurred within 30 days of being reported.

**DTH\_NEW\_CONF:** Number of people who had confirmed cases of COVID-19 and died from COVID-19-related causes newly reported since the previous day, and if date of death occurred within 30 days of being reported.

**DTH\_NEW\_PROB:** Number of people who had probable cases of COVID-19 and died from COVID-19-related causes newly reported since the previous day, and if date of death occurred within 30 days of being reported.

**DTH\_OVER\_30DAYS\_CP:** Number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes newly reported since the previous day, but their date of death was more than 30 days prior to being reported.

**DTH\_CP\_Daily:** Number of people who had confirmed or probable cases of COVID-19 and died from COVID-19-related causes each day (by date of death).

**DTH\_CONF\_Daily:** Number of people who had confirmed cases of COVID-19 and died from COVID-19-related causes each day (by date of death).

**DTH\_PROB\_Daily:** Number of people who had probable cases of COVID-19 and died from COVID-19-related causes each day (by date of death).

**POS\_NEW\_CP:** Number of people who had confirmed or probable cases of COVID-19 newly reported since the previous day. Each person can only be reported as a confirmed case once. Although very rare, a person may be reported as a probable case more than once, depending on how they met the case definition (e.g., if they were a symptomatic close contact of a confirmed or probable COVID-19 case but were never tested during their illness).

**POS\_NEW\_CONF:** Number of people who had confirmed cases of COVID-19 newly reported since the previous day. Each person can only be reported as a confirmed case once.

**POS\_NEW\_PROB:** Number of people who had probable cases of COVID-19 newly reported since the previous day. Although very rare, a person may be reported as a probable case more than once, depending on how they met the case definition (e.g., if they were a symptomatic close contact of a confirmed or probable COVID-19 case but were never tested during their illness).

**NEG\_NEW:** Number of people who tested negative for COVID-19 using a diagnostic, confirmatory test result (molecular, PCR or NAAT to detect SARS-CoV-2 RNA) newly reported since the previous day. People who had multiple negative test results would be included only once. The number of people with negative test results includes only Wisconsin residents who had negative test results reported electronically to DHS. As a result, this number underestimates the total number of Wisconsin residents with negative test results.

**TESTS\_NEW:** Number of diagnostic, confirmatory test results for COVID-19 (molecular, PCR or NAAT test to detect SARS-CoV-2 RNA) newly reported since the previous day. Because the number of people with test results includes only Wisconsin residents who had test results reported electronically to DHS, TESTS\_NEW underestimates the total number of Wisconsin residents tested. If a person has a diagnostic, confirmatory test more than once, they are included and counted in this measure each time they are tested.