

Data Disclaimer

All results (both positive and negative) from diagnostic, confirmatory tests (for example, PCR or NAT tests) 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). 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 are the cumulative (unless noted otherwise) number of Wisconsin residents with “confirmed” 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://wwwn.cdc.gov/nndss/conditions/coronavirus-disease-2019-covid-19/case-definition/2020/08/05/>]. Confirmed cases are those that had positive diagnostic, confirmatory test results detecting SARS-CoV-2 RNA. If a person has more than one positive result with this kind of test, they are counted as a confirmed case only once.

The data in this file also includes information on people with negative diagnostic, confirmatory test results. 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. Note: before March 30, 2020, the number of negative results included non-Wisconsin residents. Starting on March 30, 2020, the number of people with negative results was changed to include Wisconsin residents only. As a result, there was a decline in the number of negative test results reported from March 29, 2020 to March 30, 2020. 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.

Antigen and antibody test results are not included in this file.

The data reported each day include all case reports created through the day before the date and time found 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 are often 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 with 0–4 aggregate counts for any data 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 and published. These data include cases reported the previous day and earlier. Date is in Coordinated Universal Time (UTC).

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

NEGATIVE: Cumulative total number of people who tested negative for COVID-19. This includes diagnostic, confirmatory test results only (those are PCR or NAT tests that detect the RNA of the SARS-CoV-2 virus). Before March 30, 2020, the number of negative results included non-Wisconsin residents. Starting on March 30, 2020, the number of people with negative results was changed to include Wisconsin residents only. As a result, there was a decline in the number of negative test results reported from March 29, 2020 to March 30, 2020. 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 Confirmed Cases of COVID-19

POSITIVE: Cumulative total number of confirmed cases of COVID-19.

POS_FEM: Cumulative number of confirmed cases, female gender.

POS_MALE: Cumulative number of confirmed cases, male gender.

POS_0_9: Cumulative number of confirmed cases, ages 0–9 years.

POS_10_19: Cumulative number of confirmed cases, ages 10–19 years.

POS_20_29: Cumulative number of confirmed cases, ages 20–29 years.

POS_30_39: Cumulative number of confirmed cases, ages 30–39 years.

POS_40_49: Cumulative number of confirmed cases, ages 40–49 years.

POS_50_59: Cumulative number of confirmed cases, ages 50–59 years.

POS_60_69: Cumulative number of confirmed cases, ages 60–69 years.

POS_70_79: Cumulative number of confirmed cases, ages 70–79 years.

POS_80_89: Cumulative number of confirmed cases, ages 80–89 years.

POS_90: Cumulative number of confirmed cases, ages 90 years or older.

People With Confirmed Cases of COVID-19 Who Have Died from COVID-19-Related Causes

DEATHS: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes.

DTHS_FEM: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, female gender.

DTHS_MALE: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, male gender.

DTHS_0_9: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 0–9 years.

DTHS_10_19: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 10–19 years.

DTHS_20_29: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 20–29 years.

DTHS_30_39: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 30–39 years.

DTHS_40_49: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 40–49 years.

DTHS_50_59: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 50–59 years.

DTHS_60_69: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 60–69 years.

DTHS_70_79: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 70–79 years.

DTHS_80_89: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, ages 80–89 years.

DTHS_90: Cumulative number of people with confirmed cases of COVID-19 who died from COVID-19 related causes, age 90 years or older.

Hospital Admissions

HOSP_YES: Cumulative number of people with confirmed cases of COVID-19 who were ever hospitalized for COVID-19.

HOSP_NO: Cumulative number of people with confirmed cases of COVID-19 who were never hospitalized for COVID-19.

HOSP_UNK: Cumulative number of people with confirmed cases of COVID-19 for whom it is unknown whether they were hospitalized.

IP_Y_0_9: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 0–9 years.

IP_Y_10_19: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 10–19 years.

IP_Y_20_29: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 20–29 years.

IP_Y_30_39: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 30–39 years.

IP_Y_40_49: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 40–49 years.

IP_Y_50_59: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 50–59 years.

IP_Y_60_69: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 60–69 years.

IP_Y_70_79: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 70–79 years.

IP_Y_80_89: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 80–89 years.

IP_Y_90: Cumulative number of people who had confirmed cases of COVID-19 and were hospitalized for COVID-19, ages 90 years or older.

IP_N_0_9: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 0–9 years.

IP_N_10_19: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 10–19 years.

IP_N_20_29: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 20–29 years.

IP_N_30_39: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 30–39 years.

IP_N_40_49: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 40–49 years.

IP_N_50_59: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 50–59 years.

IP_N_60_69: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 60–69 years.

IP_N_70_79: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19 ages 70–79 years.

IP_N_80_89: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 80–89 years.

IP_N_90: Cumulative number of people who had confirmed cases of COVID-19, and were never hospitalized for COVID-19, ages 90 years or older.

IP_U_0_9: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 0–9 years.

IP_U_10_19: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 10–19 years.

IP_U_20_29: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 20–29 years.

IP_U_30_39: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 30–39 years.

IP_U_40_49: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 40–49 years.

IP_U_50_59: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 50–59 years.

IP_U_60_69: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 60–69 years.

IP_U_70_79: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 70–79 years.

IP_U_80_89: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 80–89 years.

IP_U_90: Cumulative number of people who had confirmed cases of COVID-19, but it is unknown whether they were hospitalized or not, ages 90 years or older.

Intensive Care Admissions

IC_YES: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit.

IC_Y_0_9: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 0–9 years.

IC_Y_10_19: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 10–19 years.

IC_Y_20_29: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 20–29 years.

IC_Y_30_39: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 30–39 years.

IC_Y_40_49: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 40–49 years.

IC_Y_50_59: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 50–59 years.

IC_Y_60_69: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 60–69 years.

IC_Y_70_79: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 70–79 years.

IC_Y_80_89: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 80–89 years.

IC_Y_90: Cumulative number of people who had confirmed cases of COVID-19 and were admitted to intensive care unit, ages 90 years or older.

Race and Ethnicity

POS_AIAN: Cumulative number of people who had confirmed cases of COVID-19 with race documented as American Indian or Alaskan Native.

POS_ASN: Cumulative number of people who had confirmed cases of COVID-19 with race documented as Asian or Pacific Islander.

POS_BLK: Cumulative number of people who had confirmed cases of COVID-19 with race documented as African American or Black.

POS_WHT: Cumulative number of people who had confirmed cases of COVID-19 with race documented as White.

POS_MLTOTH: Cumulative number of people who had confirmed cases of COVID-19 with race documented as multiple races or other race.

POS_UNK: Cumulative number of people who had confirmed cases of COVID-19 with unknown race.

POS_E_HSP: Cumulative number of people who had confirmed cases of COVID-19 with ethnicity documented as Hispanic or Latino.

POS_E_NHSP: Cumulative number of people who had confirmed cases of COVID-19 with ethnicity documented as not Hispanic or Latino.

POS_E_UNK: Cumulative number of people who had confirmed cases of COVID-19 with unknown ethnicity.

DTH_AIAN: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with race documented as American Indian or Alaskan Native.

DTH_ASN: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with race documented as Asian or Pacific Islander.

DTH_BLK: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with race documented as African American or Black.

DTH_WHT: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with race documented as White.

DTH_MLTOTH: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with race documented as multiple races or other race.

DTH_UNK: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with unknown race.

DTH_E_HSP: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with ethnicity documented as Hispanic or Latino.

DTH_E_NHSP: Cumulative number of people who had confirmed cases of COVID-19 for COVID-19 with ethnicity documented as not Hispanic or Latino.

DTH_E_UNK: Cumulative number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes with unknown ethnicity.

Health Care Worker Status

POS_HC_Y: Cumulative number of people who had confirmed 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: Cumulative number of people who had confirmed cases of COVID-19 who had documentation of having an occupation that is not as a health care worker.

POS_HC_UNK: Cumulative number of people who had confirmed cases of COVID-19 with unknown occupation. This would include retired persons if no occupation was reported.

Newly Reported Data by Day

DTH_NEW: Number of people who had confirmed cases of COVID-19 and died from COVID-19 related causes newly reported since the previous day.

POS_NEW: 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.

NEG_NEW: Number of people who tested negative for COVID-19 using a diagnostic, confirmatory test result (PCR or NAT 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.

TEST_NEW: Number of people with diagnostic, confirmatory test results for COVID-19 (PCR or NAT test to detect SARS-CoV-2 RNA) newly reported since the previous day. This is the sum of POS_NEW and NEG_NEW. Because the number of people with negative test results includes only Wisconsin residents who had negative test results reported electronically to DHS, TEST_NEW underestimates the total number of Wisconsin residents tested.

5-year American Community Survey Data (U.S. Census Bureau) 2014–2018

POP: Population estimates from the 5-year American Community Survey, 2014–2018.

POP_MOE: Margin of error for the population estimates from the 5-year American Community Survey, 2014–2018.

PCT_POP_65: Percent of the population that is age 65 year or older.

POP_65_WI: Percent of the population this is age 65 years or older for the state of Wisconsin.

Behavioral Risk Factor Surveillance System (BRFSS) 2012–2018

PCT_SMK: Percent of the population that currently smokes cigarettes on some or all days and has smoked at least 100 cigarettes in their lifetime.

PCT_COPD: Percent of the population that has been diagnosed with chronic obstructive pulmonary disease (COPD).

PCT_CVD: Percent of the population that has been diagnosed with a cardiovascular disease, including coronary heart disease, heart attack or stroke.

PCT_DIAB: Percent of the population that has been diagnosed with diabetes.