

DATA DICTIONARY

DISCLAIMER

All information is obtained from the Wisconsin Electronic Disease Surveillance System (WEDSS) and Wisconsin Immunization Registry (WIR). As the COVID-19 pandemic proved a challenging time, many errors during documentation may be included in these databases. WIR demographic characteristics were not required to be documented and multiple race categories could not be retained in the system for individual records. Additionally, vaccine doses were reported as ordinal positions in vaccine types. Their position meanings have changed over time as each vaccine type has had changes in vaccine recommendations within their respective series and/or boosters. Therefore, we chose to report vaccine doses for individuals as the number of vaccines they have received overall. These factors may have resulted in imperfect or incomplete information.

DICTIONARY FOR COVID-19 CASE DATA SET

Term	Description	Options
Case Identifier	Randomized incident identification number for specific confirmed / probable covid cases. One individual may have multiple cases and thus, case identification numbers.	Number
Client Identifier	Randomized identification number for individual. There is only one client identification number per individual.	Number
Week of Specimen Collection	Beginning date of the week in which specimen collection took place.	Date (MM-DD-YYYY)
Age Group	Age divided into groups as per the American Community Survey (ACS). Grouping conceals identities of individuals but also provides enough detail to analyze age associations and COVID-19 cases or vaccination status.	<ul style="list-style-type: none">• Under 5 years• 5 - 9 years• 10 - 14 years• 15 - 19 years• 20 - 24 years• 25 - 34 years• 35 - 44 years• 45 - 54 years• 55 - 64 years• 65 - 74 years• 75 - 84 years• 85 years+
Gender	Sex of individual.	<ul style="list-style-type: none">• Male• Female
Race	Racial grouping based on reporting during specimen collection. All groups obtained, other than Asian and Pacific Islanders, are as shown in the Wisconsin Electronic Disease Surveillance System (WEDSS) and in the Wisconsin Immunization Registry (WIR). Initially two separate groups, Asian and Native Hawaiian or Pacific Islander were combined due to low population densities.	<ul style="list-style-type: none">• American Indian / Alaska Native• Asian / Pacific Islander• Black / African American• White• Multiple Races• Other

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Term	Description	Options
Ethnicity	Identifies if individual is of Hispanic or Latino ethnic background.	<ul style="list-style-type: none"> Hispanic or Latino Not Hispanic or Latino
Client Vaccine Identifier	Randomized vaccination identification number specific to individual. There is only one vaccine identification number per individual. Allows for linkage between case and vaccine data sets. <i>*Note N/A represents that vaccination data was not found for client.</i>	Number
Zip	Zip code for individual's home address.	Number

**Note: data is marked as "unknown" if no option was reported for client demographics and 99999 for unknown client zip code*

DICTIONARY FOR COVID-19 VACCINATIONS DATA SET

Term	Description	Options
Client Vaccine Identifier	Randomized vaccination identification number specific to individual. There is only one vaccine identification number per individual. Allows for linkage between case and vaccine data sets.	Number
Week of Vaccination	Beginning date of the week in which vaccination took place.	Date (MM-DD- YYYY)
Vaccine Dose	Shows how many doses individual has received. Only shows number of vaccines individual has had, does not indicate specified doses for each vaccine type.	Number
Vaccine Type	Type of vaccines which displays trade names and specifies series or boosters. Also indicate vaccines for age restrictions.	<ul style="list-style-type: none"> Covid-19 unspecified formulation Janssen COVID-19 Vaccine Moderna COVID-19 Vaccine Moderna COVID-19 (6M-5Y) Moderna BvIntBstr Moderna BvIntBstr (6M-5Y) Novavax COVID-19 Vaccine Pfizer COVID-19 Vaccine Pfizer COVID-19 (6M-4Y) Pfizer COVID-19 (5-11Y) Pfizer COVID-19 tris (12+) Pfizer BvIntBstr (6M-4Y) Pfizer BvIntBstr (5-11) Pfizer BvIntBstr (12+)
Age Group	Age divided into groups as per the American Community Survey (ACS). Grouping conceals identities of individuals but also provides enough detail to analyze age associations and COVID-19 cases or vaccination status.	<ul style="list-style-type: none"> Under 5 years 5 - 9 years 10 - 14 years 15 - 19 years 20 - 24 years 25 - 34 years 35 - 44 years 45 - 54 years 55 - 64 years 65 - 74 years 75 - 84 years 85 years+

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Term	Description	Options
Gender	Sex of individual.	<ul style="list-style-type: none"> • Male • Female
Race	Racial grouping based on reporting during specimen collection. All groups obtained, other than Asian and Pacific Islanders, are as shown in the Wisconsin Electronic Disease Surveillance System (WEDSS) and in the Wisconsin Immunization Registry (WIR). Initially two separate groups, Asian and Native Hawaiian or Pacific Islander were combined due to low population densities.	<ul style="list-style-type: none"> • American Indian / Alaska Native • Asian / Pacific Islander • Black / African American • White • Multiple Races • Other
Ethnicity	Identifies if individual is of Hispanic or Latino ethnic background.	<ul style="list-style-type: none"> • Hispanic or Latino • Not Hispanic or Latino
Client Vaccine Identifier	Randomized vaccination identification number specific to individual. There is only one vaccine identification number per individual. Allows for linkage between case and vaccine data sets. <i>*Note N/A represents that vaccination data was not found for client.</i>	Number
Zip	Zip code for individual's home address.	Number

**Note: data is marked as "unknown" if no option was reported for client demographics and 99999 for unknown client zip code*