

General Notes

The level of measure for NWSS DCIPHER COVID-19 case reporting	Each row in the submitted file should have a unique case ID.
Date range:	Include cases with report dates dating back to 30 days prior to the first case.
Data types:	Fields are read in as strings; data type casting happens after file read in.

Submission Requirements

Required fields:	These fields must be included in the data file; if they are omitted, file upload will fail, even if all row values are [empty].
Non-required but non-empty fields:	Some fields are "not required" but also must have non-empty values, cause them to be flagged for quality control issues once uploaded.

Value Sets

Missing values:	Missing values should be left blank, denoted as [empty] in the Value Sets.
Requesting additional values for categorical fields:	For categorical fields, restrict values to those listed in the Value Sets. 1
Case sensitivity:	Fields are not case sensitive.

Data Type Definitions

string	ASCII-encoded characters; do not use line breaks within a value
category	Categorical variable with a defined value set of strings

Terminology

COVID-19 case definition	The case classifications for COVID-19 are described in an updated guidance document from the CDC in 2020. Please include probable and confirmed cases as defined in the CDC guidance.
---------------------------------	---

[REDACTED]

t wastewater sample collection date in the corresponding sewershed reported to CDC NWSS.
n.

[REDACTED]

upload will be prohibited. For required fields that allow [empty] values, the field column header must be included conditional on the completion of another field. Omission of these fields will not interfere with upload of the c

[REDACTED]

ets. Do not use other strings, such as "NA" or "[empty]", to denote missing values."
To request that values be added to the vocabulary, please contact NWSS staff.

[REDACTED]

interim COVID-19 position statement and case definition issued by the Council of State and Territorial Epidemiologists (CSTE) case definition.

[Redacted]

[Redacted]

ded in the data file

data file, but will

[Redacted]

[Redacted]

[Redacted]

biologists on August 5,

Field Name	Data Type
local_id	string
res_state	category
sewershedres	string
cdc_ncov2019_id	string
sewershedhosp	string

Description	Value Set
State or local unique case ID	[string]; [empty]
State, DC, US territory, or Freely Associated State jurisdiction name (2-letter abbreviation) of the case's residence	[See Value Sets: vs_res_state]
Case residence sewershed name	[string]
CDC unique case ID. This is often created by concatenating 'res_state' and the 'local_id'. Please discuss with your jurisdiction's COVID epidemiologist to determine the ID submitted to CDC for case surveillance in the 'cdc_ncov2019_id' field.	[string]
Hospital sewershed name	[string]; [empty]

Units	Submission Requirement	Dependent Fields
[none]	Not required	None
[none]	Required	None
[none]	Required	None
[none]	Required	None
[none]	Not required	None

Field

Value Set Name

Value Set Name:

res_state

vs_res_state



vs_res_state

Value Set	Description
AL	Alabama
AK	Alaska
AS	American Samoa
AZ	Arizona
AR	Arkansas
CA	California
CO	Colorado
MP	Commonwealth of Northern Mariana Islands
CT	Connecticut
DE	Delaware
DC	District of Columbia
FM	Federated States of Micronesia
FL	Florida
GA	Georgia
GU	Guam
HI	Hawaii
ID	Idaho
IL	Illinois
IN	Indiana
IA	Iowa
KS	Kansas
KY	Kentucky
LA	Louisiana
ME	Maine
MD	Maryland
MA	Massachusetts
MI	Michigan
MN	Minnesota
MS	Mississippi
MO	Missouri
MT	Montana
NE	Nebraska
NV	Nevada
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NY	New York
NC	North Carolina
ND	North Dakota
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania
PR	Puerto Rico
MH	Republic of the Marshall Islands

PW	Republic of Palau
RI	Rhode Island
SC	South Carolina
SD	South Dakota
TN	Tennessee
TX	Texas
VI	U.S. Virgin Islands
UT	Utah
VT	Vermont
VA	Virginia
WA	Washington
WV	West Virginia
WI	Wisconsin
WY	Wyoming

Use of semantic versioning began with v1.0.0. A description follows; see <https://semver.org/>
Major changes (indicated by X in version X.Y.Z): not backwards compatible. In the context of data specifications, this means that the data structure or content may change in a way that is not compatible with previous versions.
Minor changes (indicated by Y in version X.Y.Z): backwards compatible functionality additions. In the context of data specifications, this means that new data fields or structures are added without changing the existing ones.
Patches (indicated by Z in version X.Y.Z): backwards compatible bug fixes. In the context of data specifications, this means that errors or inconsistencies are corrected without changing the overall structure or content.

Date of change	New file name
20210323	Data specification given in "Case and Sewershed Matching Overview"
20210823	NWSS COVID Case Data Dictionary_v1_0_0_20210820.xlsx

er.org/ for further details.

text of NWSS DCIPHER data submission, these are changes that were added. In the context of NWSS DCIPHER data submission, these may be clarifications.

Version

NA

1.0.0

ould cause submission (see note on Submission Requirements) of a c
/ be additions of non-required fields, name changes to non-required
of field descriptions, additions to value sets, or reorganization of the

Major changes

NA

NA

data file, if unaltered, to fail upload. These may include addition of re
fields, or changes to value sets, which will not prohibit upload but v
: metadata.

Minor changes

NA

NA

required fields or name changes to required fields.
will be flagged in on-platform QC checks.

Patches

NA

Made submission requirements, data types, and case definition explicit; the schema specified in this data dictionary version is back-compatible with previous CDC NWSS case data submissions