

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 the data structure or content may be extended in a way that is compatible with previous versions.
Patches (indicated by Z in version X.Y.Z): backwards compatible bug fixes. In the context of data specifications, this means that the data structure or content may be corrected in a way that is compatible with previous versions.

| 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