

STD & CS NETSS Edit Checks Help Document

Intended use

The STD and Congenital Syphilis (CS) NETSS Edit Checks dashboard is an interactive, secure, web-accessible platform for jurisdictions that send STD/CS case notification data via NETSS¹ to view flagged data issues (i.e. invalid/illogical values) in case notification data (hereafter referred to as “edit checks”). Jurisdictions can use the dashboard to:

- Generate a summary of the types and frequencies of edit checks to see the magnitude of issues, and prioritize edit checks for review and potential revision; and
- Review and download edit checks in line-list file format.

Starting MMWR Year 2023, this dashboard will replace the STD Data Edit Check reports, which historically were sent to STD PCHD recipients quarterly and at the approach of the NNDSS annual closeout deadline. Jurisdictions that send STD/CS case notification data via NETSS will be responsible for regularly checking the dashboard in advance of the closeout deadline.

Questions related to dashboard technical issues (e.g. questionable displays with the dashboard, dashboard access issues) should be sent to dstdp_dashboards@cdc.gov. Questions related to data errors (e.g. records flagged for edit checks when they are not warranted) should be sent to the STD Inquiry mailbox (std_surv_inquiry@cdc.gov).

Accessing the dashboard

The dashboard can be accessed at this link: https://app.powerbigov.us/links/vTH-qyqrle?ctid=6fcbbe36-3b86-450c-9c5e-1a17a5cd4988&pbi_source=linkShare. Please log-in using your SAMS account ID.

Using the dashboard

Dashboard layout

The dashboard has two pages: the “Summary” page and the “Detail” page (see the next section, “Comparing the dashboard pages” for page-specific details). Each page has a customized user interface with a page selection menu, column filters, and an interactive table that allows users to sort, filter, and export tables to review edit checks and make revisions if needed. The table on the “Summary” page will display the types and frequencies of edit checks and the “Detail” page will display line-listed edit checks.

By default, the dashboard opens on the “Summary” page. The tables on each page will automatically populate but only show data specific to users’ own jurisdiction. Data displayed are based on state-based permissions (e.g. Florida’s state and local health department staff will only see Florida data), and are limited to the MMWR Years that have not yet been closed out.

¹ This dashboard does not include edit checks for jurisdictions that send STD/CS case notification data via HL7.

The banner at the top of the page will note when the dashboard data were last updated (e.g. “Data updated 5/8/23”).

Column Filters

Page Buttons

Dashboard Help

| MMWR Year | State | Site | NETSS Version | Edit Description | Total Count |
|-----------|-------|------|---------------|---|-------------|
| 2022 | | S02 | 04 | County FIPS [COLUMN(S) 28-30] is invalid for State FIPS [COLUMN(S) 3-4]. | 84 |
| 2022 | | S02 | 05 | Verify Age [COLUMN(S) 39-41] | 65 |
| 2022 | | S02 | 04 | Hispanic Ethnicity [COLUMN(S) 45] is invalid. The value should be left blank or padded with 9s. | 43 |
| 2022 | | S02 | 04 | Titer of mother's first non-treponemal test b [COLUMN(S) 214-217] is invalid. | 28 |
| 2022 | | S02 | 05 | Treatment Date [COLUMN(S) 130-137] is more than 365 days from EVENT DATE [COLUMN(S) 46-51]. | 24 |
| 2022 | | S02 | 04 | Date of Mother's Last Menstrual Period [COLUMN(S) 103-110] is after or the same as Date of mother's First Prenatal Visit [COLUMN(S) 112-119] - format (YYYYMMDD). | 20 |
| 2022 | | S02 | 05 | ZIP CODE [COLUMN(S) 65-69] should contain 5 characters/digits. | 11 |
| 2022 | | S02 | 04 | EVENT DATE [COLUMN(S) 46-51] is not within 1 year of DATE CURRENT - format YYYYMMDD. | 9 |
| 2022 | | S02 | 05 | Pregnancy Status [COLUMN(S) 75] (1,YES) AND SEX [COLUMN(S) 43] (1,MALE) are invalid combinations. | 3 |
| 2022 | | S02 | 04 | Verify Age [COLUMN(S) 39-41] | 3 |
| 2022 | | S02 | 04 | When did mother receive her first dose of benzathine penicillin? [COLUMN(S) 296] and Appropriate serologic response? [COLUMN(S) 168] are invalid combinations. | 3 |
| 2022 | | S02 | 04 | Date Of mother's Last Menstrual Period [COLUMN(S) 103-110] is not within 1 year of Date Of Birth Of Infant [COLUMN(S) 31-38] - format (YYYYMMDD). | 2 |
| 2022 | | S02 | 05 | Quantitative Syphilis Test Result [COLUMN(S) 184-189] is invalid. | 2 |
| 2022 | | S02 | 04 | When did mother receive her first dose of benzathine penicillin? [COLUMN(S) 296] and What was mother's treatment? [COLUMN(S) 297] are invalid combinations. | 2 |
| 2022 | | S02 | 04 | Date of mother's first prenatal visit [COLUMN(S) 112-119] and Trimester of mother's first prenatal visit [COLUMN(S) 261] are invalid combinations. | 1 |
| 2022 | | S02 | 04 | Did mother have prenatal care? [COLUMN(S) 111] and Trimester of mother's first prenatal visit [COLUMN(S) 261] are invalid combinations. | 1 |

Filtering and searching data

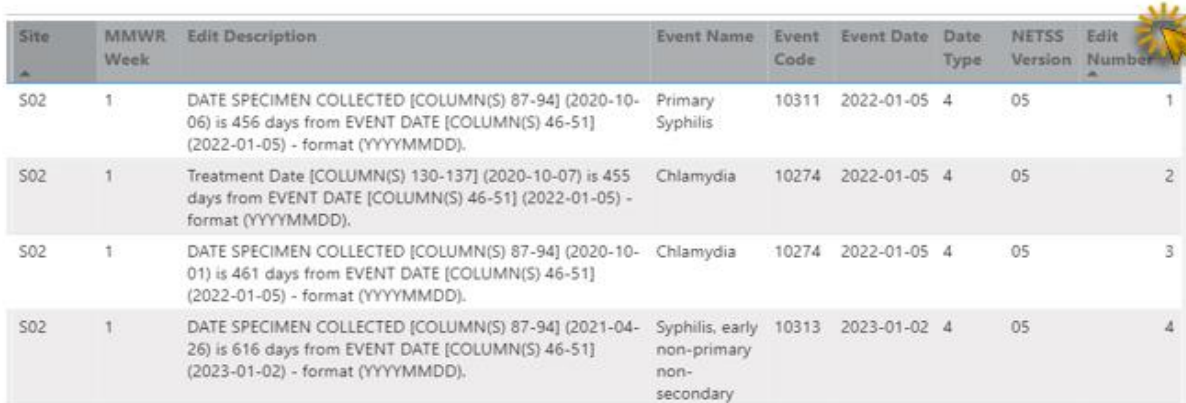
The filters on the left of each page can be used to limit the displayed row(s) to those matching the criteria specified in the filters. Clicking the downward pointing arrow (at the top right-hand corner of the selected filter) and then clicking the dropdown menu will display all the values within the associated variable that users can use to filter the table. Clicking the upward pointing arrow (at the top right-hand corner of the selected filter) will close the variable's value selection menu and display the selected value(s). To remove the column's previously set filter conditions or to select all values for a variable, click the eraser icon to the left of the downward pointing arrow. By default, filter selections carry over across the dashboard pages (e.g. if the Event Name, “Congenital Syphilis”, is selected on the “Summary” page, it will also be selected on the “Detail” page).

Note: To view Primary and Secondary Syphilis data, select “Primary Syphilis” and “Secondary Syphilis” values in the Event filter.

Users can search within a filter by clicking the downward pointing arrow at the top right-hand corner of the selected filter, clicking the dropdown menu, and typing keywords or numbers in the Search bar that appears at the top of the value selection list.

Sorting data

Users can sort the rows of each table by clicking on the column that they wish to sort by. When first clicking a column name, all rows will be sorted alphabetically or numerically in ascending order (indicated by the upward pointing arrow) based on the variable in the clicked column. Click the column name once more to sort in descending order (indicated by the downward pointing arrow).



| Site | MMWR Week | Edit Description | Event Name | Event Code | Event Date | Date Type | NETSS Version | Edit Number |
|------|-----------|--|---|------------|------------|-----------|---------------|-------------|
| S02 | 1 | DATE SPECIMEN COLLECTED [COLUMN(S) 87-94] (2020-10-06) is 456 days from EVENT DATE [COLUMN(S) 46-51] (2022-01-05) - format (YYYYMMDD). | Primary Syphilis | 10311 | 2022-01-05 | 4 | 05 | 1 |
| S02 | 1 | Treatment Date [COLUMN(S) 130-137] (2020-10-07) is 455 days from EVENT DATE [COLUMN(S) 46-51] (2022-01-05) - format (YYYYMMDD). | Chlamydia | 10274 | 2022-01-05 | 4 | 05 | 2 |
| S02 | 1 | DATE SPECIMEN COLLECTED [COLUMN(S) 87-94] (2020-10-01) is 461 days from EVENT DATE [COLUMN(S) 46-51] (2022-01-05) - format (YYYYMMDD). | Chlamydia | 10274 | 2022-01-05 | 4 | 05 | 3 |
| S02 | 1 | DATE SPECIMEN COLLECTED [COLUMN(S) 87-94] (2021-04-26) is 616 days from EVENT DATE [COLUMN(S) 46-51] (2023-01-02) - format (YYYYMMDD). | Syphilis, early non-primary non-secondary | 10313 | 2023-01-02 | 4 | 05 | 4 |

By default, the table on the “Detail” Page is sorted by the Edit (row) Number, which is ordered by MMWR Year, Site, Expanded Case ID, and Event Date.

Adding personal bookmarks

In some cases (e.g. city jurisdictions associated with a specific Site), users may benefit from using the personal bookmark functionality, which will save the current filter conditions and sort order for an individual user so that they can easily return to the dashboard with the exact parameters pre-set.

To add a bookmark, ensure all the desired filter and sort criteria are applied. Then click the “Bookmarks” (downward pointing arrow above the dashboard Help document ⓘ icon) menu, and select “Add a personal bookmark”. It’s recommended you give the bookmark a name and select Save. To update, rename, or delete your bookmark, select the ellipses next to the bookmark's name. Note: there are limitations to personal bookmarks. If major changes are made to the dashboard, your personal bookmark may need to be updated to work properly.

Comparing the dashboard pages

Summary Page

This page displays a table summarizing the types and frequencies of edit checks by MMWR Year and the recorded NETSS implementation plan version, enabling users to see the magnitude of issues and prioritize edit checks for review and potential revision. In contrast to the “Detail” page, which displays line-listed edit checks, the “Summary” page can indicate recurring errors in the transmission of certain fields as well invalid values for variables that may have resulted from typographical errors.

| | | Summary | | | | Detail | Export | |
|---------------|-------|---------|---------------|---|--|--------|-------------|---|
| All | | | | | | | | i |
| MMWR Year | | | | | | | | |
| All | | | | | | | | |
| MMWR Week | | | | | | | | |
| All | | | | | | | | |
| Site | | | | | | | | |
| All | | | | | | | | |
| Event | | | | | | | | |
| All | | | | | | | | |
| NETSS Version | | | | | | | | |
| | | | | | | | | |
| State | | | | | | | | |
| All | | | | | | | | |
| Edit Type | | | | | | | | |
| MMWR Year | State | Site | NETSS Version | Edit Description | | | Total Count | |
| 2022 | | S02 | 05 | Neurologic Involvement [COLUMN(S) 95] is invalid. The value should be left blank or padded with 9s. | | | 560 | |
| 2022 | | S02 | 04 | County FIPS [COLUMN(S) 28-30] is invalid for State FIPS [COLUMN(S) 3-4]. | | | 48 | |
| 2022 | | S02 | 05 | DATE SPECIMEN COLLECTED [COLUMN(S) 87-94] is after EVENT DATE [COLUMN(S) 46-51] - format (YYYYMMDD). | | | 23 | |
| 2022 | | S02 | 04 | Hispanic Ethnicity [COLUMN(S) 45] is invalid. The value should be left blank or padded with 9s. | | | 23 | |
| 2022 | | S02 | 05 | Treatment Date [COLUMN(S) 130-137] is more than 365 days from EVENT DATE [COLUMN(S) 46-51]. | | | 22 | |
| 2022 | | S02 | 04 | Date of Mother's Last Menstrual Period [COLUMN(S) 103-110] is after or the same as Date Of mother's First Prenatal Visit [COLUMN(S) 112-119] - format (YYYYMMDD). | | | 8 | |
| 2022 | | S02 | 04 | EVENT DATE [COLUMN(S) 46-51] is not within 1 year of DATE CURRENT - format YYYYMMDD. | | | 8 | |
| 2022 | | S02 | 05 | The reported case status [COLUMN(S) 53] is not valid for the specified event or disease. Please update the case definition. | | | 8 | |
| 2022 | | S02 | 05 | Gender identity is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | | | 4 | |
| 2022 | | S02 | 05 | Sexual orientation is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | | | 4 | |
| 2022 | | S02 | 04 | Did mother have prenatal care? [COLUMN(S) 111] and Trimester of mother's first prenatal visit [COLUMN(S) 261] are invalid combinations. | | | 3 | |
| 2022 | | S02 | 04 | Congenital Syphilis signs variables [COLUMN(S) 299-308] are missing. | | | 2 | |
| 2022 | | S02 | 02 | County FIPS [COLUMN(S) 28-30] is invalid for State FIPS [COLUMN(S) 3-4]. | | | 2 | |
| 2022 | | S02 | 04 | Date of mother's first treponemal test [COLUMN(S) 265-272] and Test type of mother's first treponemal test [COLUMN(S) 273] are invalid combinations. | | | 2 | |
| 2022 | | S02 | 04 | When did mother receive her first dose of benzathine penicillin? [COLUMN(S) 296] and What was mother's | | | 2 | |

Detail Page

This page displays line-listed edit checks for a jurisdiction, which can be filtered within the dashboard and/or downloaded in Excel file format as needed. Users may use the built-in tools for sorting, filtering, and exporting/downloading the data to review and potentially revise the case notification data as needed.

Important: If you need to export a table with more than 150,000 rows of edit checks, please note you can only export a maximum of 150,000 rows at a time. See the next section, "Downloading data" for additional details.

| Summary Detail Export i | | | | | | | | | | |
|--|-----------------------|------|--------------|--|--------------------|---------------|------------|--------------|------------------|----------------|
| All MMWR Year | Case ID (Expanded) | Site | MMWR Week | Edit Description | Event Name | Event Code | Event Date | Date Type | NETSS Version | Edit Number |
| All MMWR Week | 000099 | S02 | 1 | Sexual orientation is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | Secondary Syphilis | 10312 | 2022-01-02 | 4 | 05 | 1 |
| All Site | 000099 | S02 | 1 | Gender identity is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | Secondary Syphilis | 10312 | 2022-01-02 | 4 | 05 | 2 |
| All Event | 000180 | S02 | 1 | Sexual orientation is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | Primary Syphilis | 10311 | 2022-01-04 | 4 | 05 | 3 |
| All NETSS Version | 000180 | S02 | 1 | Gender identity is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | Primary Syphilis | 10311 | 2022-01-04 | 4 | 05 | 4 |
| State | 000298 | S02 | 1 | Gender identity is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | Secondary Syphilis | 10312 | 2022-01-03 | 4 | 05 | 7 |
| All Edit Type | 000298 | S02 | 1 | Neurologic Involvement [COLUMN(S) 95] (3) is invalid. The value should be left blank or padded with 9s. | Secondary Syphilis | 10312 | 2022-01-03 | 4 | 05 | 8 |
| All Case ID | 000298 | S02 | 1 | Sexual orientation is missing or unknown for this primary and secondary syphilis case. Consider updating when information becomes available. | Secondary Syphilis | 10312 | 2022-01-03 | 4 | 05 | 9 |
| | 000719 | S02 | 1 | Treatment Date [COLUMN(S) 130-137] (2021-01-06) is 366 days from EVENT DATE [COLUMN(S) 46-51] (2022-01-07) - format (YYYYMMDD). | Chlamydia | 10274 | 2022-01-07 | 4 | 05 | 10 |
| | 000875 | S02 | 1 | Neurologic Involvement [COLUMN(S) 95] (3) is invalid. The | Secondary | 10312 | 2022-01-04 | 4 | 05 | 11 |

Page Number
All

Displayed Edit Count:
731

The following table compares the overall variables and filters included in the tables on the “Summary” and “Detail” pages and includes a description of each variable.

Table variable comparison

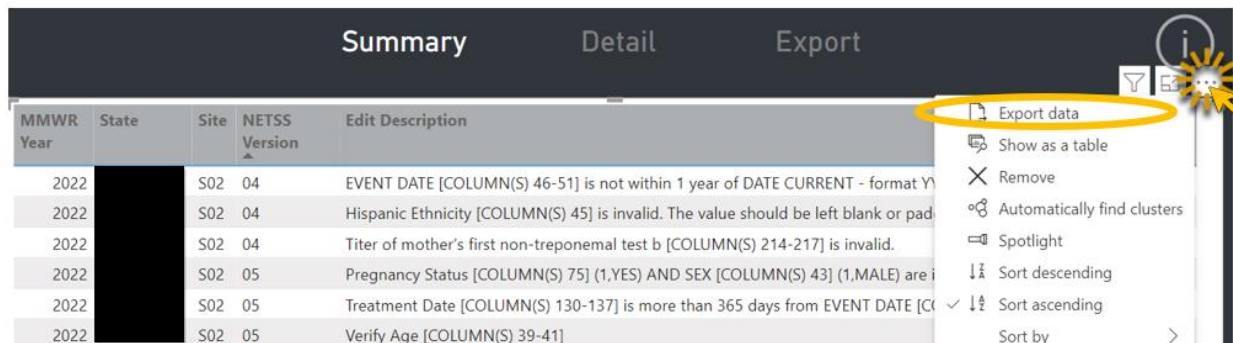
| Column Name | Description | Summary | Detail |
|-----------------------|---|---------|--------|
| State | State notifying CDC of case information and jurisdiction of case. | ✓ | ✓ |
| Site | Location code assigned by the state to indicate where case notification originated and who has responsibility for maintaining the record. | ✓ | ✓ |
| MMWR Year | Epidemiological year in which case notification to the CDC occurred. | ✓ | ✓ |
| MMWR Week | Week of the epidemiological year in which case notification to the CDC occurred. | Filter | ✓ |
| Edit Type Description | Description of the edit check associated with the case notification data. | ✓ | ✓ |
| Event Name | STD or associated syndrome (health event) for which the case patient has been diagnosed. | Filter | ✓ |
| Event Code | Code for the STD or associated syndrome (health event) for which the case patient has been diagnosed. | ✗ | ✓ |
| Event Date | Date of disease in YYYY-MM-DD format | ✗ | ✓ |
| Case Status | Case classification status corresponding to the Council of State and Territorial Epidemiologists (CSTE) surveillance case definitions. | ✗ | ✓ |
| NETSS Version | NETSS Implementation Plan Version specified for the case notification. | ✓ | ✓ |
| Edit Number | Row number assigned to case notification edit checks based on Site, Expanded Case ID, and Event Date. | ✗ | ✓ |
| Case ID (Expanded) | Unique expanded Case ID assigned by the state. For most jurisdictions, this is equal to the 6-digit numeric CASEID. Due to the limitations of the 6-digit numeric CASEID, some jurisdictions have begun to send EXPANDED_CASEID, which allows for an alpha-numeric format up to 200 characters. | ✗ | ✓ |
| Page Number | Page assigned to each edit check on the basis of its edit (row) number where each page consists of 150,000 rows. | ✗ | Filter |
| Total Count | Total number of times an edit check has appeared in all case notification records in the MMWR year for the current Site and NETSS implementation plan version. | ✓ | ✗ |

Downloading data

Data tables in either the “Summary” or “Detail” page may be downloaded in Excel file format. Before downloading data from the “Detail” page, please take note of whether the displayed edit count exceeds 150,000 rows of edit checks (the maximum number of rows that can be exported at a time). If the number exceeds 150,000, users will need to export the data in batches (of 150,000 rows), using the Page Number menu to navigate between separate batches.

To export the data table, follow the below instructions. Do NOT navigate to the “File” menu (“File” > “Download this File”) or to “Export” at the top of the dashboard; neither option will work.


- 1) Hover over the top-right corner of the table and click the “More options” menu indicated by the ellipsis symbol (...).
- 2) Select “Export Data”.
- 3) Select the option, “Data with current layout”, and click “Export”.
 - a. Note: The file will automatically download to your browser’s default download folder with the filename ‘data’ in Excel (.xlsx) format with a 150,000-row maximum. It is recommended to rename and move the file so that you can easily review and append files containing over 150,000 rows if necessary.



| MMWR Year | State | Site | NETSS Version | Edit Description |
|-----------|-------|------|---------------|---|
| 2022 | | S02 | 04 | EVENT DATE [COLUMN(S) 46-51] is not within 1 year of DATE CURRENT - format Y |
| 2022 | | S02 | 04 | Hispanic Ethnicity [COLUMN(S) 45] is invalid. The value should be left blank or pad |
| 2022 | | S02 | 04 | Titer of mother's first non-treponemal test b [COLUMN(S) 214-217] is invalid. |
| 2022 | | S02 | 05 | Pregnancy Status [COLUMN(S) 75] (1,YES) AND SEX [COLUMN(S) 43] (1,MALE) are i |
| 2022 | | S02 | 05 | Treatment Date [COLUMN(S) 130-137] is more than 365 days from EVENT DATE [C |
| 2022 | | S02 | 05 | Verify Age [COLUMN(S) 39-41] |


Which data do you want to export?

Export your data in the format that suits your needs. If you have a lot of data, the number of rows you export might be limited depending on the file type you select. [Learn more about exporting data](#)

☒


Data with current layout

Export this data in the same layout you see now, but without any icons, colors, or other formatting you added.

☐

Summarized data

Export the summarized data used to create your visual (for example, sums, averages, and medians).

☐

Underlying data

Visual does not have aggregates or measures

File format:

.xlsx (Excel 150,000-row max)▼

Export

Cancel

Data considerations

This dashboard, which is updated weekly, shows edit checks for case notifications that have been identified by CDC as needing review and potential revision. Only unaddressed edit checks from the currently open MMWR years and for a user's own jurisdiction will be displayed. As soon as edit checks for affected records are addressed and case notification data are resubmitted to the CDC, and the dashboard updates, the edit checks should no longer appear in the dashboard.

Questions related to dashboard technical issues (e.g. questionable displays with the dashboard, information gaps in the Help document, dashboard access issues) should be sent to dstdp_dashboards@cdc.gov. Questions related to data errors (e.g. records flagged for edit checks when they are not warranted) should be sent to the STD Inquiry mailbox (std_surv_inquiry@cdc.gov).