



TEXAS

Health and Human Services



Texas Department of State
Health Services

COVID-19 Reports in NEDSS

Presented by

Public Health Informatics and Data Exchange Team

Introduction



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Objective:

- To review the COVID-19 reports available in NEDSS
 - COVID-19 Lab reports
 - COVID-19 Case report

COVID-19 Reports Outline



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1. Where to find the reports
2. Which reports to use
3. Important fields and differences
4. Walk through setting up the reports
5. How to export them
6. How to customize them

Where are the Reports in NEDSS?



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Go to the REPORTS section on the top of the NEDSS Dashboard page

Home | Data Entry | Merge Patients | Open Investigations | **Reports** | System Management

Release 6.0.9-GA Dashboard

Patient Search



Search Demographics

(By default, search uses 'Starts With'. To search using 'Contains', enter % at start of text or use Advanced Search)

Last Name:

First Name:

DOB: 

Current Sex: 

Search Identifiers

Event ID Type: 

Patient ID(s):

(Separate IDs by commas, semicolons, or spaces)

Search

Clear

[Advanced Search](#)

My Queues

- Open Investigations (1249)
- Approval Queue for Initial Notifications (1686)
- Updated Notifications Queue (182)
- Rejected Notifications Queue (112)
- Documents Requiring Security Assignment (58659)
- Documents Requiring Review (79782)

List of Reports



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[Home](#) | [Data Entry](#) | [Merge Patients](#) | [Open Investigations](#) | [Reports](#) | [System Management](#)

Reports

Go to: [Private Reports](#) | [Public Reports](#) | [Template Reports](#) | [Reporting Facility Reports](#)

[Collapse Sections](#)

Private Reports

[Expand Subsections](#)

COVID-19 Reports

Public Reports ←

[Expand Subsections](#)

COVID-19 Reports

	Report Title
Run	Amarillo COVID-19 Negatives Weekly Report
Run	COVID Case Line List Extended Report
Run	COVID Investigation Data
Run	COVID Lab CELR Extract Report
Run	COVID Lab Data DRRQ Replacement
Run	COVID Lab Line List Extended Report
Run	COVID Simple Lab Line List Report
Run	COVID Texas Health Trace Extract Report Sorted
Run	COVID-19 Whole Genome Sequencing Lab Results
Run	COVID-19 With Result Codes
Run	COVID-19 report template JG
Run	Covid Auto-marked labs for investigation
Run	PHR 9/10 COVID Line List
Run	TEST PHR 2/3_PHR 7_PHR 8 DSHS Austin Lab results

Default Report Section

Go to PUBLIC REPORTS then click on the '+' next to COVID-19 REPORTS

There are 3 main COVID-19 Reports:

- COVID Case Line List Extended Report
- COVID Lab Line List Extended Report
- COVID Simple Lab Line List Report

Sub-Report:

- COVID-19 Whole Genome Sequencing Lab Results

Data Dictionaries



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- Data dictionaries for the reports are located on the login page under **'Documentation'**

[Change your Password?](#)

[Technical FAQ](#)

[NEDSS Help](#)

[Documentation](#)

NEDSS
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Please enter your username and password below. Once you have finished press submit to log onto the application.

Username:

Password:

Remember....



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- Export all fields for review before filtering
- Review the data dictionary
- Review all values for the fields needed
- Plan to use multiple dates to cover any erroneous dates



COVID Case Report Overview



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- Used for exporting COVID-19 cases in NEDSS
- Limited fields in front-end report
 - Due to size of report
 - ~300 fields/columns
- Data dictionary posted on NBS has all fields
 - Contact central office if need to receive a report with ALL fields/columns
- Some specific fields added for cases coming directly from Texas Health Trace (THT)

Overview of Fields



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- **ADD TIME:** Date the case was created in NEDSS; If created in THT, this date will not be accurate since it will be when added in NEDSS
- **INV START DT:** Date case investigation was initiated; Defaults to create date in CCIS if not completed in THT; **Some have erroneous dates
- **EVENT DT:** Hierarchy of dates used; review data dictionary for the list; **Many of the cases entered in THT are defaulting to the ADD TIME field

Overview of Fields

Continued



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- **RECORD SOURCE:** Field identifies the system the record was initiated in; Cases with THT mean they were started there
- **THT SOURCE TYPE:** Source of the lab in THT (i.e. ELR File, Manual Upload)
- **INV LEGACY CASE ID:** Case number used in THT

Exporting COVID Case Report



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Basic Filter | Advanced Filter | Column Selection

COVID Case Line List Extended Report

Time

Date Filtered By: EVENT_DT

From:

mm/dd/yyyy

To:

mm/dd/yyyy

Run Export Cancel



Event date is used as main filter, but it is not required.
*Recommend not using it since it might exclude some cases because of bad dates

Advanced filters for jurisdiction and other fields in next tab 

Basic Filter | Advanced Filter | Column Selection

COVID Case Line List Extended Report

Statements

Field: JURISDICTION_NM Logic: Equals Value:

Insert

Connectors

Click on a button to start or end parenthetical statements and/or click a connector button to include or except statements.

() AND OR

Advanced Criteria List

Click one or more filters in the text area below to move them up or down or to remove them from the Advanced Filter list.

Basic Filters selected plus:

^
v

Exporting COVID Case Report (Continued)



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- Highlight the fields you want in the report (or if you want all just click the double arrows on top);
- Click the second arrow pointing right (highlighted);
- Click export (CSV will export);
 - Max rows is around 1.1 million

****Google Chrome browser is best to use**

Run Export Cancel

Basic Filter Advanced Filter Column Selection

COVID Case Line List Extended Report

Please select the column variables you would like to include in this report. Then move them up or down until they are arranged in the order you would like them to appear when the report is run.

Available Columns:

- ADD_TIME
- CASE_RPT_MMWR_WK
- CASE_RPT_MMWR_YR
- CONDITION_CD
- CONFIRMATION_DT
- CONFIRMATION_METHOD
- COVIDPOSITIVE45D
- COVID_19_VARIANT
- COVID_OTH_PSTMRTM_SRC_1
- COVID_POSITIVE_14DVAC

Selected Columns:

Sort By: Sort Order:

Run Export Cancel

COVID Simple Lab vs Lab Extended



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Simple Lab Report

- Best COVID lab report to use
- Refreshes every few hours throughout the day
- Not as many fields as COVID lab extended

Extended Lab Report

- Use when needing extra fields
- Includes AOE (extended questions) from the lab report
- Runs once daily (very early morning (3-5 am))

COVID Simple and Extended Report



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- Recommend filtering by LAB ADDED DT on the 'Basic Filter' tab;
- LAB ADDED DT is a date created in NEDSS, so no bad dates;
- Add additional filters (such as jurisdiction) in 'Advanced Filter' tab;
- Select your columns in the third tab before exporting

Run Export Cancel

Basic Filter Advanced Filter Column Selection

COVID Simple Lab Line List Report

Time

Date Filtered By: LAB_ADDED_DT

From:

mm/dd/yyyy

To:

mm/dd/yyyy

Run Export Cancel

****Remember maximum row is about 1.1 million**

Customizing Reports



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Basic Filter Advanced Filter Column Selection

COVID Simple Lab Line List Report

Time

Date Filtered By: LAB_ADDED_DT

From:

mm/dd/yyyy

To:

mm/dd/yyyy

Basic Filter Advanced Filter Column Selection

COVID Simple Lab Line List Report

Statements

Field:

Logic:

Connectors

Click on a button to start or end parenthetical statements and/or click a connector button to

Advanced Criteria List

Click one or more filters in the text area below to move them up or down or to remove them

Basic Filters selected plus:

RESULT_CATEGORY Equals "Positive"



Step 1: You can add date filter or skip to step 2

Step 2: Add your preferred filters (example uses the result_category = 'Positive';
*filters are case sensitive



Customizing Reports (continued)



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Step 3: Select columns you would like in the saved report and move to the selected columns

Step 4: Hit 'RUN'

Run Export Cancel

Basic Filter Advanced Filter **Column Selection**

COVID Simple Lab Line List Report

Please select the column variables you would like to include in this report. Then move them up or down until they are arranged in the order you would like them to appear when the report is run.

Available Columns:

- EVENT_DT
- LAB_REPORT_DT
- LAB_REVIEW_STATUS
- LAB_RPT_RECEIVED_BY_PH_DT
- NUMERIC_VALUE_1
- NUMERIC_VALUE_2
- ORDERED_TEST_CODE_SYSTEM
- ORDERING_FACILITY_ADDRESS_OI
- ORDERING_FACILITY_ADDRESS_TV
- ORDERING_FACILITY_CITY

Selected Columns:

- ASSOCIATED_CASE_ID
- ELECTRONIC_IND
- JURISDICTION
- LAB_ADDED_DT
- LAB_LOCAL_ID
- LAB_UPDATE_DT
- NUMERIC_COMPARATOR_CD
- ORDERED_TEST_CD
- ORDERED_TEST_DESC
- ORDERING_FACILITY_NAME

Sort By: Sort Order:

Run Export Cancel

Customizing Reports (continued)



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Step 5: You'll see the report run in a new window to review; On this tab, hit 'Save as New'

The screenshot shows a window titled "COVID Simple Lab Line List Report". At the top, there is a "Refine Criteria" button on the left and "Save As New" and "Run New Report" buttons on the right. The main content area contains the text: "The selected report has been run and is displayed in a new window." At the bottom, there is another "Refine Criteria" button on the left and "Save As New" and "Run New Report" buttons on the right.

Step 6: Make sure to save as 'Private'. Enter in Report Name, Description (not required) and Report Section (where the report will reside)

The screenshot shows a "Save" dialog box for the "COVID Simple Lab Line List Report". At the top, there is a "Refine Criteria" button on the left and "Save" and "Cancel" buttons on the right. The main content area contains the following fields:

- A red asterisk icon with the text "* Indicates a Required Field".
- A label "Save this report design as:" followed by three radio buttons: Private, Public, and Reporting Facility.
- A red asterisk icon followed by a label "* Report Name:" and a text input field containing "Test 1".
- A label "Description:" followed by a text area containing "Positive COVID labs".
- A red asterisk icon followed by a label "* Report Section:" and a dropdown menu showing "COVID-19 Reports".

At the bottom, there is a "Refine Criteria" button on the left and "Save" and "Cancel" buttons on the right.

Customizing Reports (continued)



Report is now saved under '**Private Reports**' section in the Reports section
AND
will be saved in the '**My Reports**' box on your dashboard after logging in.

****Date created in these reports are the date created of the main report it came from***

Reports

Go to: [Private Reports](#) | [Public Reports](#) | [Template Reports](#) | [Reporting](#)

[Collapse Sections](#)

Private Reports

[Collapse Subsections](#)

COVID-19 Reports

		Report Title
Run	Delete	COVID Lab CELR Extract Report_Jess
Run	Delete	Test 1
Run	Delete	NEW THT Extract

Public Reports

[Expand Subsections](#)

COVID-19 Reports

Default Report Section

My Reports

	Report Title	Date Created
Run	NEW THT Extract	06/26/2020
Run	COVID Lab CELR Extract Report_Jess	05/23/2020
Run	Test 1	05/23/2020

Contact Info



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For questions or concerns regarding
NEDSS, please contact:

NEDSS@DSHS.Texas.Gov

For questions or concerns regarding
COVID-19, please contact:

EAIDU-coronavirus@dshs.texas.gov

Resources



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COVID-19 Public Health Resource Page:

<https://dshs.texas.gov/coronavirus/public-health.aspx>

Disease Reporting & Case Definition Resources:

- [DSHS COVID-19 Variant Case Guidance](#) (PDF, V.1.0, released 3/17/2021)
- [DSHS COVID-19 Vaccine Breakthrough Case Guidance](#) (PDF, V.2.0, released 6/10/2021)
- [DSHS COVID-19 Reinfection Guidance](#) (PDF, V.1.0, released 3/12/2021)
- [DSHS Case Definition and Investigation Prioritization Guidance](#) (PDF, V.2.0, released 11/01/2020)
- [DSHS Epi Case Criteria Guide](#) (PDF, V.2.0, released 11/01/2020)
- [DSHS NBS Data Entry Guide](#) (PDF, V.3.0, released 11/24/2020)