



NHSN Antimicrobial Use and Resistance (AUR) Module: Common Data Import Issues and Questions

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Please refer to email Centers for Disease Control and Prevention no-reply@emailupdates.cdc.gov with subject line, "NHSN 2026 Annual Training - Day 2" for additional instructions and links.

Objectives

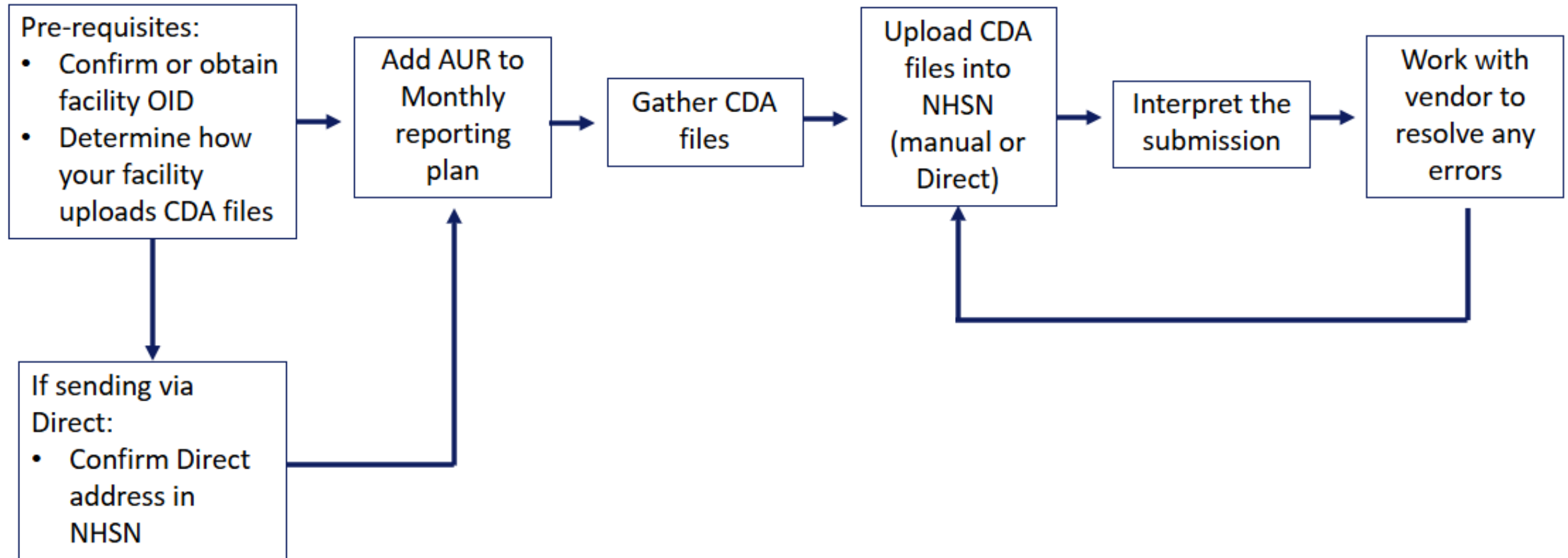
- Distinguish between ShareFile and NHSN and understand how each system is used in the AUR data submission process.
- Describe how to manually upload your Antimicrobial Use and Resistance (AUR) Module data.
- Review the PDF submission/error report after attempting to upload AUR Module data.
- Identify common AUR data import errors.
- Describe resources available to address common data import errors.

How to Manually Upload your AUR Data

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Steps for reporting AUR data



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NHSN Basics

- Secure Access Management Service

NHSN Home

Alerts

Dashboard ▶

Reporting Plan ▶

Patient ▶

Event ▶

Procedure ▶

Summary Data ▶

Hospital Respiratory Data ▶

Infectious Diseases of Public Health Concern ▶

Import/Export

Surveys ▶

Analysis ▶

Users ▶

Facility ▶

Group ▶

Cheat Sheets ▶

Logout

Import/Export Data

Select import/export type

Select import/export type

Patients

Procedures

Surgeons

Respiratory Pathogens Surveillance

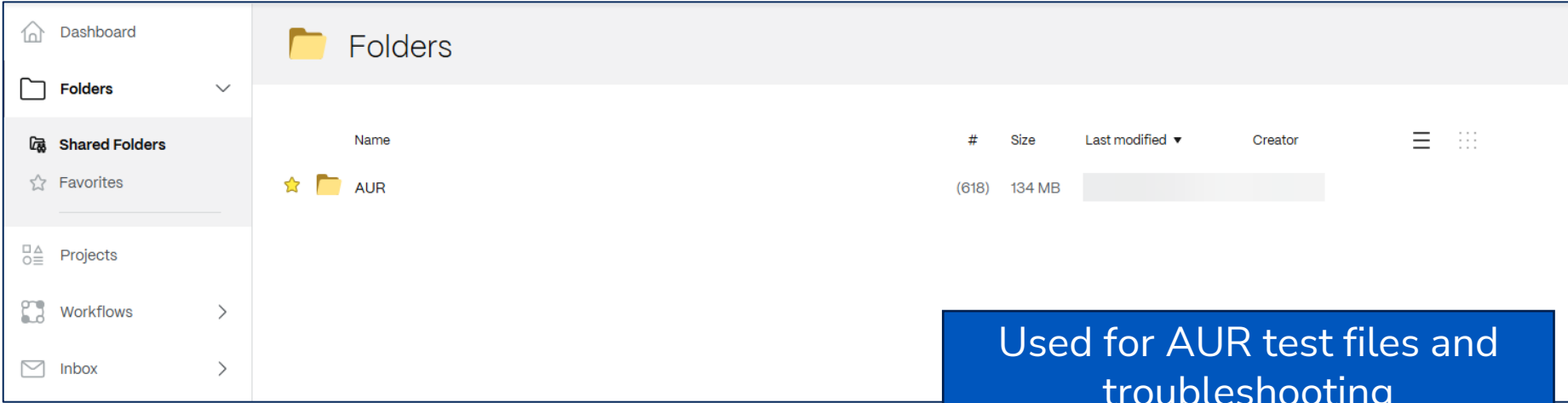
Monthly Survey for Nursing Hours

Events, Summary Data, Procedure Denominators

AUR production data goes in this application

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NHSN Basics: ShareFile



The screenshot shows the ShareFile interface. On the left is a navigation sidebar with options: Dashboard, Folders, Shared Folders, Favorites, Projects, Workflows, and Inbox. The main area is titled 'Folders' and displays a table of folders. A folder named 'AUR' is highlighted with a star icon. The table has columns for Name, #, Size, Last modified, and Creator. The 'AUR' folder contains 618 files and is 134 MB in size.

Name	#	Size	Last modified	Creator
★ AUR	(618)	134 MB		

Used for AUR test files and troubleshooting
Not for production reporting

- SAMS= Secure login portal
- NHSN= Where production AUR is uploaded
- CDA Mailbox/ShareFile= Used for test files and troubleshooting only

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Knowledge Check - 1

True or False:

You upload AUR Production Data to Share File AND NHSN.



Hint: AUR Production Data can only be uploaded to one place.



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Knowledge Check – 1 Answer

True or **False**:

You upload AUR Production Data to Share File.

Production reporting happens in **NHSN**.



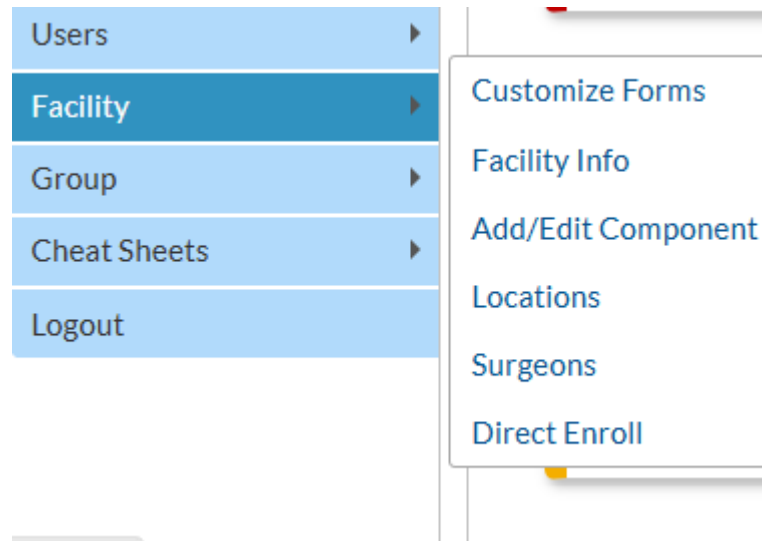
Hint: AUR Production Data can only be uploaded to one place.



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Data Submission via Direct

- Direct CDA Automation is an alternative method to import CDAs into NHSN, as opposed to manual CDA import.
- Direct securely sends AUR data via your vendor software system directly to NHSN using a Health Information Services Provider (HISP).
- Facilities enter Direct information within NHSN to set up the connection between NHSN and the Vendor.




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Where and how can I upload my AUR data in NHSN?

- NHSN Home**
- Alerts
- Dashboard ▶
- Reporting Plan ▶
- Patient ▶
- Event ▶
- Procedure ▶
- Summary Data ▶
- COVID-19 ▶
- Import/Export** 1

Import/Export Data

Events, Summary Data, Procedure Denominators 2

 Choose File No file chosen 3

Submit 4 Back

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How do I know if all the CDA files I submitted together in the same zip file uploaded into NHSN successfully?

- Review the **Records Processed** table for a summary.
- Review the **Validation Results** table:
 - **Events** tab: Which AR Event files passed and failed validation (Status column)?
 - **Summary Data** tab: Which AU Summary and/or AR Summary files passed and failed validation (Status column)?

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Records Processed Table

Import Events, Procedures and/or Summary Data

Records Processed

Record Type	# of Records	# Passed	# of Updates*
Events	1	1	0
Summary Data	2	1	0
Procedures	0	0	0

*CDA SetID already exists in the database; existing data will be overwritten.

Validation Results

Events Summary Data Procedures					
Event Type	Event Date	Patient ID	Location	Set ID	
AR	01/24/2026	159951	MICU	2.16.840.1.113883.3.6128.1.1-AR_216840111422241736_1_2025_25	Ready for

Error Report | Submit | Cancel

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Validation Results Table: Events

Import Events, Procedures and/or Summary Data

Records Processed

Record Type	# of Records	# Passed	# of Updates*
Events	1	1	0
Summary Data	2	1	0
Procedures	0	0	0

*CDA SetID already exists in the database; existing data will be overwritten.


Validation Results

Event Type	Event Date	Patient ID	Location	Set ID	Status
AR	01/24/2026	159951	MICU	2.16.840.1.113883.3.6128.1.1-AR_216840111422241736_1_2025_25	Ready for Import (Add)

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Validation Results Table: Summary Data

 **Import Events, Procedures and/or Summary Data**

Records Processed

Record Type	# of Records	# Passed	# of Updates*
Events	1	1	0
Summary Data	2	1	0
Procedures	0	0	0

*CDA SetID already exists in the database; existing data will be overwritten.

Validation Results

Events | **Summary Data** | Procedures

Type	Month	Year	Location	Set ID	Status
AU	1	2026	MSICU	2.16.840.1.113883.3.6128.1.1-AU_216840111422241736_1_2025_3EAST_	Error(s) present
ARSUM	1	2026	ED	2.16.840.1.113883.3.6128.1.1-AR_216840111422241736_1_2025_DENOM_ED_	Ready for Import (Add)

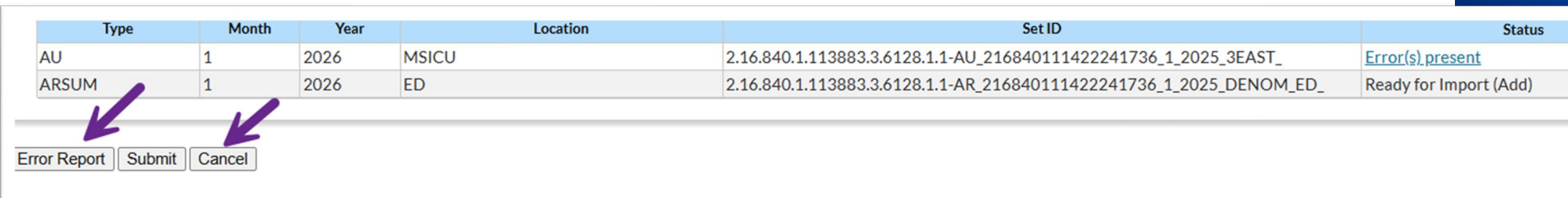
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Error Report, Submit and Cancel Buttons

- When you click the **Error Report** button, a PDF report will generate which shows the files that passed the initial NHSN validation and the files that did not pass validation.
- When you click the **Cancel** button, no files will be uploaded, and you'll go back to the submission screen.
- When you click the **Submit** button, only the files that successfully passed validation uploads to NHSN.
- No files will be uploaded until you click the **Submit** button on this screen.

Type	Month	Year	Location	Set ID	Status
AU	1	2026	MSICU	2.16.840.1.113883.3.6128.1.1-AU_216840111422241736_1_2025_3EAST_	Error(s) present
ARSUM	1	2026	ED	2.16.840.1.113883.3.6128.1.1-AR_216840111422241736_1_2025_DENOM_ED_	Ready for Import (Add)




Error Report Submit Cancel

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Pop-up Messages when Submitting CDA Files

Results

 Successfully imported CDA documents from (202309 TAS locations.zip) into the NHSN Database. **13 out of 13 files were successfully processed.** Please click the Show Report button to view the complete details of the upload.

Results

 Some CDA documents from (AUR Test Files.zip) were successfully imported and some files failed to import. **2 out of 3 files were successfully processed.** Please click the Show Report button to view the complete details of the upload.

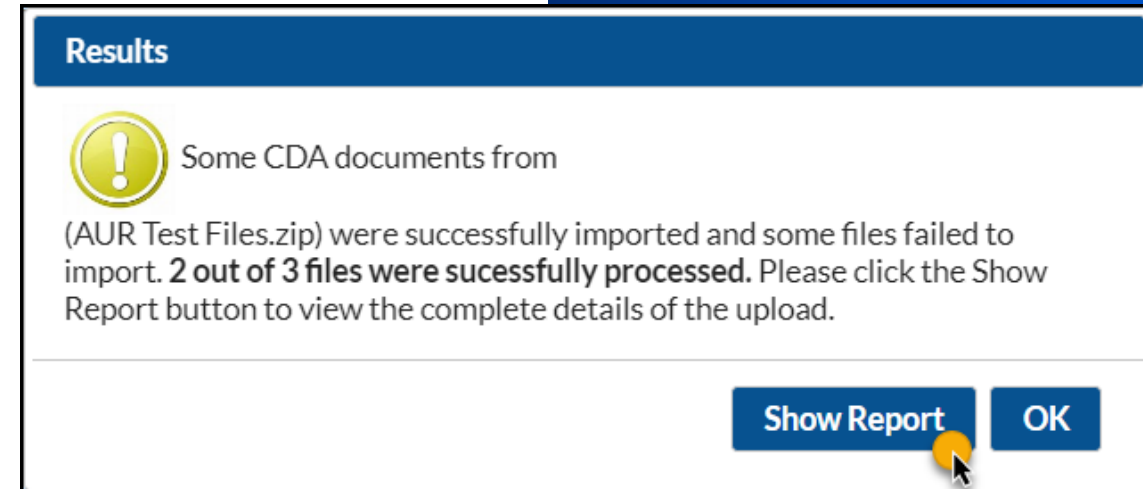
[Show Report](#) [OK](#)

Knowledge Check - 2


After submitting a CDA file, you receive a pop-up message stating that 2 out of 3 files were successfully processed.

What should you do next?

- A. Click OK and assume all files were accepted.
- B. Resubmit the entire ZIP file immediately.
- C. Click **Show Report** to review details about the failed file.
- D. Send the file to ShareFile.



Results

 Some CDA documents from (AUR Test Files.zip) were successfully imported and some files failed to import. **2 out of 3 files were successfully processed.** Please click the Show Report button to view the complete details of the upload.

[Show Report](#) [OK](#)



Hint: The pop-up messages provides a way to view detailed information about the upload results.

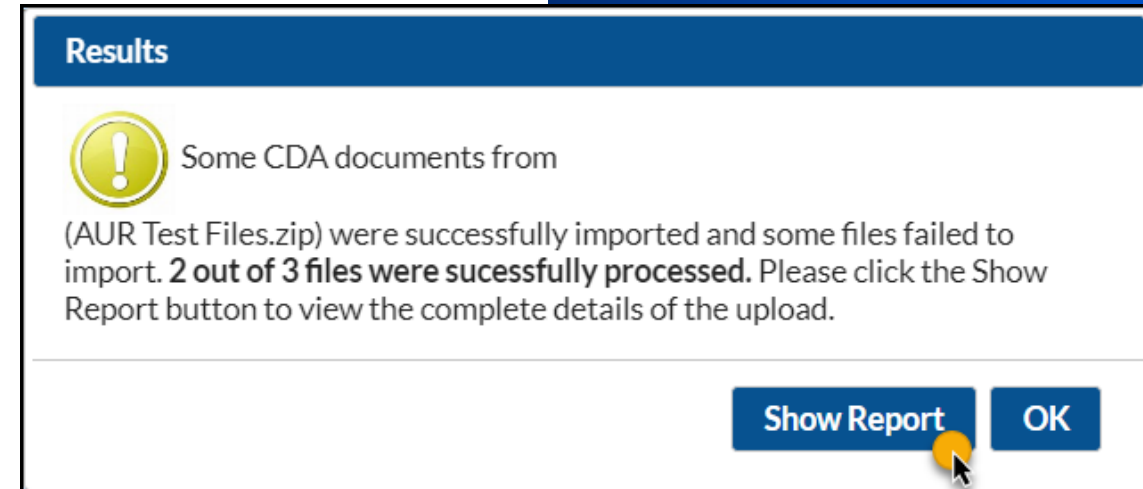
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Knowledge Check – 2 Answer

After submitting a CDA file, you receive a pop-up message stating that 2 out of 3 files were successfully processed.

What should you do next?

- A. Click OK and assume all files were accepted.
- B. Resubmit the entire ZIP file immediately.
- C. Click Show Report to review details about the failed file.**
- D. Send the file to ShareFile.



Hint: The pop-up messages provides a way to view detailed information about the upload results.

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How to Read the PDF Submission Report

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PDF Submission Report when Uploading CDA Files via DIRECT

- This same PDF submission report is returned to the vendor software system when files are sent via DIRECT.
- Some vendor software systems package the returned PDF in different ways (*i.e.*, facilities will see similar information but not in a PDF form).

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PDF Submission Report: Summary Table

- Review the summary table that lists how many CDA files, separated by Events (AR Events) and Summary Data (AU Summary, AR Summary), were attempted to be uploaded, how many files passed NHSN validation, and how many files updated data already in NHSN via succession management.

CDA Import Report: Zip File Name: AR Event_Transform.zip

FACILITY: CDA-XYZ Test Facility (Prod) Date of Import: 27/Feb/2026 15:09:42 UTC

Summary:

Event ID	Total # attempted	Total # Passed Validation	Total # of Updates*
Events	1	1	0
Summary Data	2	1	0

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PDF Submission Report: Files that Passed Validation

CDA Import Report: Zip File Name: AR_Event_Transform.zip

FACILITY: CDA-XYZ Test Facility (Prod) Date of Import: 27/Feb/2026 15:09:42 UTC

Summary:

Event ID	Total # attempted	Total # Passed Validation	Total # of Updates*
Events	1	1	0
Summary Data	2	1	0

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR_Event_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SEUAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR_Denominator_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: Event Type (AR Event) and Event Date

- In this example, one file with information on an AR Event with a specimen collection date of January 24, 2026, passed validation and was successfully uploaded into NHSN.
- For AR Events (numerator), Event Type will display **AR**.

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform .xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SETIAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Tr ansform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: NHSN ID

- You can use the NHSN ID to search for this AR Event in your NHSN analysis reports (Event ID).

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform.xml	2.16.840.1.1138 83.3.6128.1.1-AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SEUAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Transform.xml	2.16.840.1.1138 83.3.6128.1.1-AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: CDA File Name

- The CDA File Name tells you the names of the zip file and the specific XML file that contained the information for this event or summary record.

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SEUAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: setID

- Each CDA file will have its own setID which is like a document number.
- NHSN stores the setID for each CDA file and a look-up occurs to see if it already exists in the application.

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setid	*setid Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform .xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SEUAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Tr ansform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: *setID Already Exists in the Database

- “No” means a record with this setID has not been uploaded into NHSN before.
- “*Yes-setID found in database” means that a record with this setID has already been uploaded before and this upload will replace existing data.

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setid	*setid Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SEUAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC



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PDF Submission Report: CDA Processing Date/Time Stamp

- The CDA Processing Date/Time Stamp shows you the exact date and time when the record was successfully uploaded into NHSN.

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SEUAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Transform.xml	2.16.840.1.1138 83.3.6128.1.1- AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: Event Type (AR Summary) and Event Date

- In this example, one AR Summary file for January 2026 passed validation and was successfully uploaded into NHSN.
- For AR Summary (denominator) data, Event Type will display **ARSUM**.

ImportDetails - Valid

Line listing for each record that passed the validation.

Facility ID:	Event Type	Event Date	NHSN ID	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AR	01/24/2026	83323979	AR Event_Transform.xml	2.16.840.1.1138 83.3.6128.1.1-AR_2168401114 22241736_1_20 25_25MR000068 2S_900.3350_P SETIAE	No	27/Feb/2026 15:09:42 UTC
33617	ARSUM	1/2026	10662274	AR Denominator_Transform.xml	2.16.840.1.1138 83.3.6128.1.1-AR_2168401114 22241736_1_20 25_DENOM_ED	No	27/Feb/2026 15:09:42 UTC

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PDF Submission Report: Event Type (AU) and Event Date

- In this example, one AU Summary file for January 2026 failed validation and was not uploaded into NHSN.
- For AU Summary data, Event Type will display **AU**.

ImportDetails - CDA(s) Failed

Line listing for each record that failed validation and did not import

Facility ID:	Event Type	Event Date	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
33617	AU	1/2026	Au Summary_Transform.xml	2.16.840.1.113883.3.6128.1.1-AU_216840111422241736_1_2025_3EAST_	No	27/Feb/2026 15:09:42 UTC

Common AUR Data Import Error Messages

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“Antimicrobial Use and Resistance Module not followed for this month, year, and location.”

- This error message means that you did not add the month, year, and location in the CDA file you're trying to upload in the Antimicrobial Use and Resistance portion of your Monthly Reporting Plan.
- For example, if a facility wants to report AU data for their medical-surgical ward and emergency room for January 2026, the 5GPED and ER locations would need to be checked in the AU Option section of the reporting plan.
- To resolve this error, you must add the location(s) to the Antimicrobial Use and Resistance portion of your Monthly Reporting Plan for every month you plan to submit AUR data.

Edit Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *: _CDA-XYZ Test Facility (Prod) (ID 33617)
Month *: January
Year *: 2026

No NHSN Patient Safety Modules Followed this Month

Section 3: Antimicrobial Use and Resistance Module			
	Locations	Antimicrobial Use	Antimicrobial Resistance
	FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	1152EMERGENCY - ER	<input type="checkbox"/>	<input type="checkbox"/>
	5GPED - PED MED_SURG - AU	<input type="checkbox"/>	<input type="checkbox"/>

View Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *: _CDA-XYZ Test Facility (Prod) (ID 33617)
Month *: January
Year *: 2026

No NHSN Patient Safety Modules Followed this Month

Section 3: Antimicrobial Use and Resistance Module			
	Locations	Antimicrobial Use	Antimicrobial Resistance
	FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1152EMERGENCY - ER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	5GPED - PED MED_SURG - AU	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	MEDWARD - MEDICAL WARD_AU	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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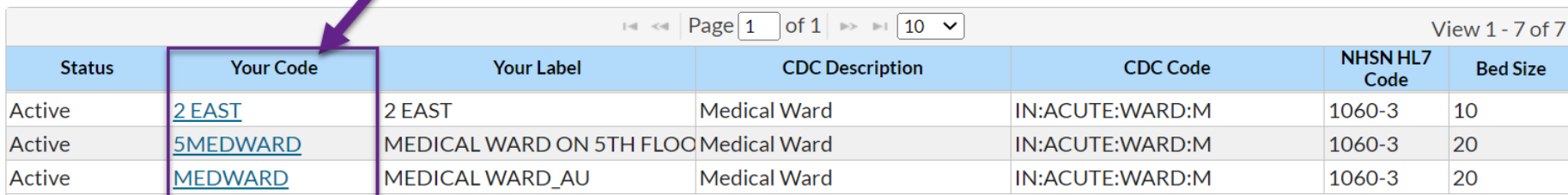
Please refer to email Centers for Disease Control and Prevention no-reply@emailupdates.cdc.gov with subject line, “NHSN 2026 Annual Training - Day 2” for additional instructions and links.

“Location does not exist.”

- The location name used in your CDA file does not match a location currently mapped in your NHSN facility. The location in the CDA file must be an exact match to what’s in NHSN (*i.e.*, “Your Code” value).
- Meet with Infection Prevention department and export the location list out of NHSN (Facility > Locations > Export Location List) so you can compare what’s in NHSN to what’s in your vendor system and decide the best way to rectify.

Location Table

[Display All](#) [Print Location List](#)



Status	Your Code	Your Label	CDC Description	CDC Code	NHSN HL7 Code	Bed Size
Active	2 EAST	2 EAST	Medical Ward	IN:ACUTE:WARD:M	1060-3	10
Active	5MEDWARD	MEDICAL WARD ON 5TH FLOOR	Medical Ward	IN:ACUTE:WARD:M	1060-3	20
Active	MEDWARD	MEDICAL WARD_AU	Medical Ward	IN:ACUTE:WARD:M	1060-3	20

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“Location AA location code XX does not match NHSN’s location code YY for this facility. Please correct this location mapping before importing records.”


- The location designation included in the CDA file should match the CDC Location Designation in NHSN.
- For example, the AU Summary file for MEDWARD should include the NHSN HL7 Code **1060-3** which corresponds to the CDC Location Designation of Medical Ward.

Location Table

[Display All](#) [Print Location List](#)

Status	Your Code	Your Label	CDC Description	CDC Code	NHSN HL7 Code	Bed Size
Active	2 EAST	2 EAST	Medical Ward	IN:ACUTE:WARD:M	1060-3	10
Active	5MEDWARD	MEDICAL WARD ON 5TH FLOOR	Medical Ward	IN:ACUTE:WARD:M	1060-3	20
Active	MEDWARD	MEDICAL WARD_AU	Medical Ward	IN:ACUTE:WARD:M	1060-3	20

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“The submitted document version 1 must be greater than the existing record version of 1. Please use CDA succession management to update.”

- This error message indicates that you are uploading a CDA file that was previously successfully uploaded into NHSN with that same setID.
- If you are attempting to update an existing record in NHSN with new information, contact your vendor to resubmit data using "succession management " (aka version control).
 - Succession management allows users to simply export a new version of files to NHSN. For more information, refer to Q10 and Q11 in the General Submission section of the [AU FAQs](#).
 - If your vendor does not offer this option, you will have to delete the previously uploaded data. For instructions on how to delete submitted AUR data, follow the instructions in Q9 in the General Submission section of the [AU FAQs](#).

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“A record for the selected summary data element already exists. Select different header information, or if viewable in the UI, consider using the 'edit' for the existing record.”

- The setID is being reused by the vendor in a different file for your facility.
- To fix this issue, you can reach out to your vendor to get the setID issues resolved, have the files regenerated, and then resubmit data.

Facility ID	Event Type	Event Date	CDA File Name	setId	*setId Already Exists in the Database	CDA Processing Date/Time Stamp
Reason for failure:						
	AU	10/2023	AU_Denominator_MedicalSurgicalWard_Transform.xml	1.111.222.333.4791-WKCH2W2023102	*Yes-setid found in database	19/Dec/2025 15:19:16 UTC
	3.1	A record for the selected summary data element already exists. Select different header information, or if viewable in the UI, consider using the 'edit' for the existing record.				

“Validate ARDrugPanelSize” or “Unable to determine panel drug size.”

- This error occurs when uploading an AR Event CDA file with missing antimicrobial susceptibility testing results for required drugs or if your file includes drugs that are NOT required for that panel.
- Based on the organism reported, the NHSN application requires you to include specific antimicrobial susceptibility tests in the CDA file. The list of susceptibility tests for each organism is called the drug panel and the number of tests included in each panel varies. The organism and corresponding drug panel can be found in Appendix F of the [AUR Module Protocol](#).
- To resolve this issue, work with your vendor to ensure the CDA file includes all required drugs. The CDA file must include all drugs in the specific panel regardless of whether the lab tested them.

Reason for failure:					
33617	AR	01/01/2026	R3_AntiP21_CA_Blood_2025.xml	2.16.840.1.113883.3.117.1.1.5.2.1.1.1-AntiP21_CA_20250101	*Yes-setId found in database
	1.1	validateARDrugPanelSize: This file is missing results for one or more required susceptibility tests.			

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“validatePathogenEffectiveDates: Pathogen is not valid.”

- This error occurs when uploading an AR Event CDA file with a pathogen not eligible for AR Option reporting.
- A list of eligible pathogen SNOMED codes is available in our vendor Information Data Model (IDM) within the AR CDA Toolkit:
<https://www.cdc.gov/nhsn/cdaportal/toolkits.html>.
 - Refer to the AR Option Pathogen Roll-up_2026.xlsx for the complete list of eligible SNOMED codes for 2026.
 - Refer to Excel: idm-vendors-14.0; Tabs: Pathogen Codes <Year>
 - All pathogens/organisms in the Pathogen Codes tabs of the IDM with an “X” in the “ARO Pathogen” column are reportable.
- Reach out to your vendor to exclude pathogen from reporting.

13860	AR	01/01/2026	R3_AntiP21_CA_Blood_2026.xml	2.16.840.1.113883.3.117.1.1.5.2.1.1.1-AntiP21_CA_20260101	No
	1.1	validatePathogenEffectiveDates:Pathogen CANHAE is not valid.			

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“This specimen source is not eligible for AR Option submission.”

- This error occurs when uploading an AR Event CDA file with a specimen source not eligible for AR Option reporting.
- A list of eligible specimen source SNOMED codes is available in our vendor IDM within the AR CDA Toolkit: <https://www.cdc.gov/nhsn/cdaportal/toolkits.html>.
 - Excel: idm-vendors-14.0; Tab: Specimen Source
- Any specimen with an X in Column F (Valueset: ARSpecimenSource) is eligible for AR Option reporting. Any specimen types not included with an “X” in Column F, are not eligible for 2026 AR Option reporting.
- Reach out to your vendor to exclude specimen source from reporting.

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“Error: ___ is a required drug.”

- Error: ___ is a required drug. Please work with your vendor to add this drug to your AU files.
 - New Drugs added 2026:
 - Aztreonam/avibactam
 - Gepotidacin
 - Sulopenem/probenecid
 - Monoclonal antibody: Clesrovimab
 - Refer to the [list of antimicrobial agents eligible for the AUR Module](#).

Reason for failure:	
1.1	Sulpro is a required drug. Please work with your vendor to add this drug to your AU files.
1.2	Aztavi is a required drug. Please work with your vendor to add this drug to your AU files.
1.3	Clesro is a required drug. Please work with your vendor to add this drug to your AU files.
1.4	Gepo is a required drug. Please work with your vendor to add this drug to your AU files.

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“The file does not contain a valid Vendor OID and/or a valid SDS Validation ID. Please correct the information in the CDA file and re-upload the file.”

- AU Summary, AR Event, and AR Summary files will fail to upload without the proper vendor credentials in the files. Please refer to the [Synthetic Data Set \(SDS\) validation process](#) page for more details.
- This validation process is completed by the vendor and facilities have no role.
- The vendor will need to update the vendor section of the CDA files with their vendor OID and the correct SDS Validation ID.

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Rhapsody Error

- Several situations may trigger a Rhapsody Error.
- Sometimes, the issue is with the NHSN servers.
 - Log out of NHSN, log back in, and re-attempt your upload a few times
 - If error continues, there may be a problem with your CDA file(s).
 - Consider uploading during off-peak hours, such as earlier in the morning or later in the afternoon.

The screenshot displays the 'Import Events, Procedures and/or Summary Data' interface. At the top, there is a header with a globe icon and the title. Below the header, there is a section for 'Records Processed' with a table with columns: Record Type, # of Records, # Passed, and # of Updates*. Underneath is the 'Validation Results' section, which has three tabs: 'Events', 'Summary Data', and 'Procedures'. The 'Events' tab is active, showing a table with columns: Event Type, Event Date, Patient ID, Set ID, and Status. A message below the table reads: '* No events found in the imported file.' An 'Alert' dialog box is overlaid on the interface, with a dark blue header and the text 'Alert' and 'Rhapsody Error.' Below the text is an 'OK' button. At the bottom left of the interface, there are three buttons: 'Error Report', 'Submit', and 'Cancel'.

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Rhapsody Error (cont.)

- Common issues with CDA files that trigger a Rhapsody Error:
 - Your facility Object Identifier (OID) entered into more than one NHSN facility
 - Ineligible characters (e.g., “&”) in certain places such as the Display Name
 - Formatting of the CDA file (e.g., templateID lines of code are in incorrect places)
 - Duplicate information within the file (e.g., antimicrobial susceptibility testing results are duplicated for one or more drugs)
 - Missing essential information (e.g., date of admission for AR Event)
 - Blank CDA file (file size is 0)

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Knowledge Check - 3

True or False

If your PDF Submission Report states:

“Antimicrobial Use and Resistance Module not followed for this month, year and location,” the first step should be to contact your vendor.



Hint: Does this error suggest a problem with the CDA file itself, or does it suggest something else is missing?



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Knowledge Check – 3 Answer

True or **False**

If your PDF Submission Report states:

“Antimicrobial Use and Resistance Module not followed for this month, year and location,” the first step should be to contact your vendor.



Hint: Does this error suggest a problem with the CDA file itself, or does it suggest something else is missing?



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Troubleshooting Made Simple

- What to do when your AUR File Fails
 - Identify the error category
 - Reporting Plan
 - Location Mapping
 - Duplicate/Version
 - Drug/Panel/Pathogen
 - OID/Vendor Credentials
 - Rhapsody/System
 - Ask: Is this a setup issue or content issue?
 - Setup issue → Fix in NHSN
 - File content issue → Work with vendor
 - Correct → Regenerate → Re-Upload

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Reaching out to the NHSN Help Desk

- Facility Name
- NHSN ID
- A clear description of what error is happening
- PDF Report
- CDA Files
- Screenshots

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Resources

- AUR Module Protocol: <https://www.cdc.gov/nhsn/pdfs/pscmanual/11pscaurcurrent.pdf>
- AU FAQs: <https://www.cdc.gov/nhsn/faqs/faq-au.html>
- AR FAQs: <https://www.cdc.gov/nhsn/faqs/faq-ar.html>
- CDA FAQs: <https://www.cdc.gov/nhsn/cdaportal/faqs.html>
- Video - Uploading CDA Files into NHSN:
<https://www.youtube.com/watch?v=T4DLtimpB5M>

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Questions

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Thank you.

For any questions or concerns, contact the NHSN Helpdesk

- **NHSN-ServiceNow** to submit questions to the NHSN Help Desk.
- Access new portal at <https://servicedesk.cdc.gov/nhsncsp>.
- If you do not have a SAMS login, or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov.

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 <https://www.cdc.gov/>
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