

Infectious Diseases of Public Health Concern – Overview for Reporting

Patient Safety Component

National Healthcare Safety Network (NHSN)

May 2025



Background

- **The Infectious Diseases of Public Health Concern (IDPHC) form was developed to:**
 - Support preparedness and response efforts to high consequence infectious diseases
 - Better understand the impact of these high consequence infectious diseases on patients and the overall healthcare system
 - Provide situational awareness of these infectious diseases in Acute Care Hospitals
 - Identify facilities and specific geographic regions that may need additional infection prevention and control support

Conditions and diseases available for reporting

- Crimean-Congo Hemorrhagic Fever (CCHF)
- Dengue
- Ebola
- Lassa
- Measles
- Mpox
- Nipah
- Toxigenic *Vibrio cholerae*

Requirements for reporting data to NHSN and reporting modalities

- **Requirements**

- Facility must be enrolled in NHSN – Acute Care Hospitals (ACHs) only
- Data must be available for daily reporting only (for instance, weekly or monthly aggregate data are not able to be reported)
- Facility may enter data retrospectively
- An NHSN reporting plan is not required to participate in the reporting

- **Modalities**

- Only direct data entry in the application will be available at this time
- Additional modalities including CSV import may be available in a future release

! NOTE: Reporting of IDPHC data is voluntary and does not replace any regulatory reporting requirements

Summary of data elements

- The IDPHC module collects 13 data elements, which capture information on new admissions and current hospitalizations of patients with a disease or condition listed based on their age and disease confirmation status:

Category	Number of data elements	Data element IDs
Facility information and datetime fields	2	1a – 1b
Disease or condition	1	2
Confirmed disease status	5	3a – 3e
Adult patients	2	3b – 3c
Pediatric patients	2	3d – 3e
Unconfirmed disease status	5	4a – 4e
Adult patients	2	4b – 4c
Pediatric patients	2	4d – 4e



Reporting Process

- Log into NHSN and select the 'Patient Safety' Component, and then select the facility for which you are reporting data. Then click the 'Submit' button.

NHSN - National Healthcare Safety Network



Welcome to the NHSN Landing Page



Select component:

Outpatient Procedure

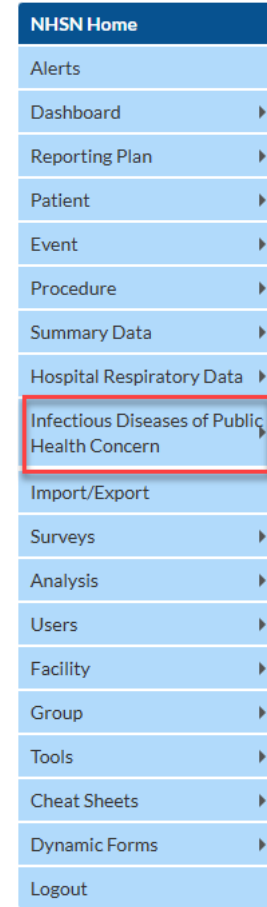
Patient Safety

Select facility within the above group:

Submit

Reporting Process

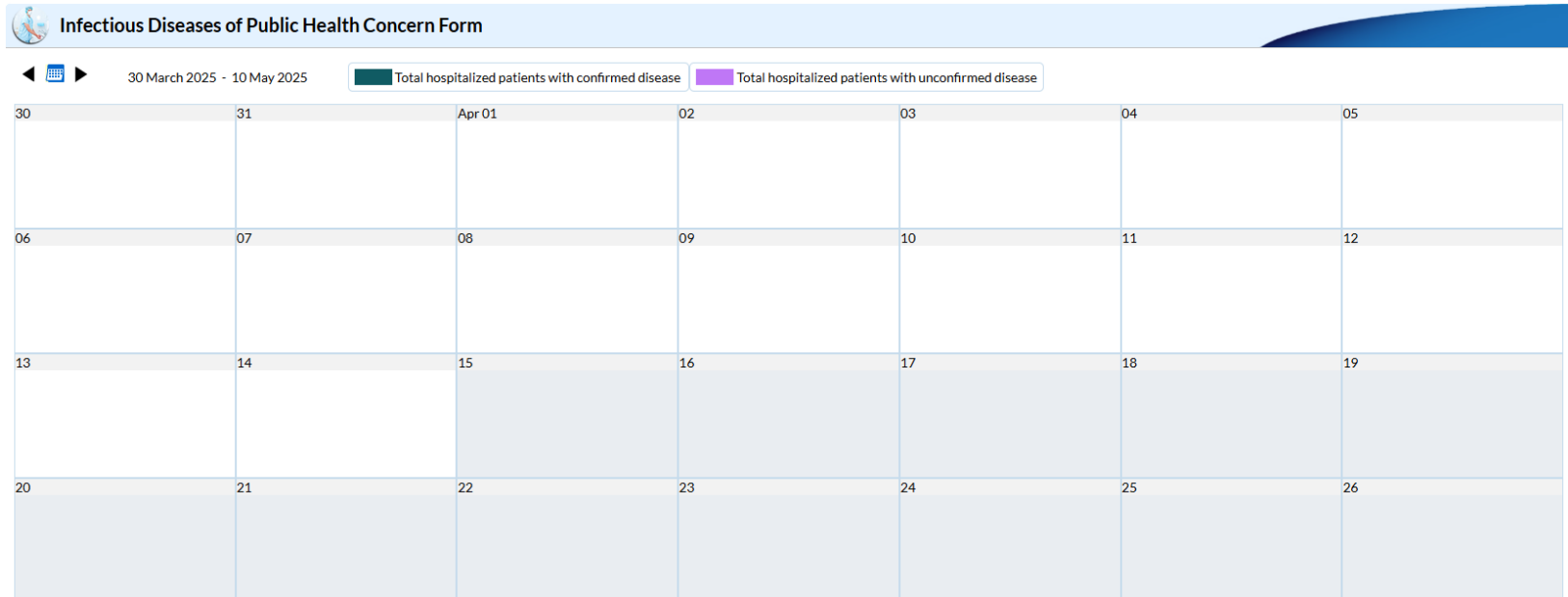
- From the NHSN Home page, select 'Infectious Diseases of Public Health Concern' from the left-hand menu.



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	▶
Tools	▶
Cheat Sheets	▶
Dynamic Forms	▶
Logout	

Reporting Process

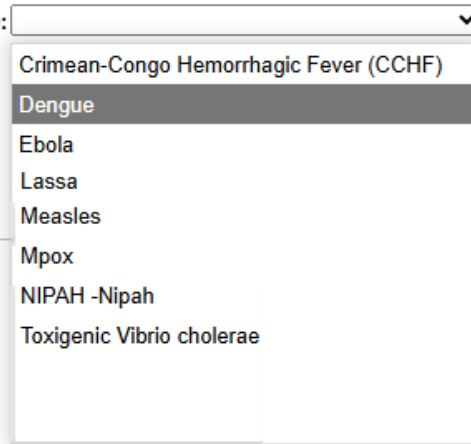
- You will then be taken to a calendar view, where you will select the date for which you want to report data.



Reporting Process

- Once you have selected a reporting date, you will be directed to the data collection form where you will select the disease you wish to report from the drop-down menu.

2. Entering Data For * (select disease from dropdown menu):



A screenshot of a web form showing a dropdown menu. The menu is open, displaying a list of diseases. The text '2. Entering Data For * (select disease from dropdown menu):' is visible to the left of the dropdown. The dropdown list includes the following options: Crimean-Congo Hemorrhagic Fever (CCHF), Dengue (highlighted), Ebola, Lassa, Measles, Mpox, NIPAH -Nipah, and Toxigenic Vibrio cholerae.

Disease
Crimean-Congo Hemorrhagic Fever (CCHF)
Dengue
Ebola
Lassa
Measles
Mpox
NIPAH -Nipah
Toxigenic Vibrio cholerae

Required fields

- Fields required for successful submission of data are dependent upon the disease or condition that is selected for reporting.
- Conditions where all fields (confirmed and unconfirmed, # 3a – 4e) should be reported if selected:
 - CCHF
 - Dengue
 - Ebola
 - Lassa
 - Measles
 - Mpox
 - Nipah
- Conditions for which only confirmed disease status fields (# 3a – 3e) should be reported if selected:
 - Toxigenic *Vibrio cholerae*

Reporting Process

The information in this section applies to reporting of confirmed and unconfirmed cases for the following conditions or diseases: CCHF, Dengue, Ebola, Lassa, Measles, Mpox, and Nipah.

Reporting Process – Manual Data Entry

The information on this slide applies to reporting of confirmed and unconfirmed cases for the following conditions or diseases: CCHF, Dengue, Ebola, Lassa, Measles, Mpox, and Nipah

- Complete all fields in the data collection table to submit the form. No fields may be left blank.
- If there are fields in which there are no cases of disease to report, enter “0.”

Disease:	
Patients with confirmation of disease	Patients with unconfirmed disease
3a. Total number all hospitalized patients with confirmed disease	4a. Total number all hospitalized patients with unconfirmed disease
2	3
Adult patients	Adult patients
3b. Number of new admissions of adult patients with confirmed disease	4b. Number of new admissions of adult patients with unconfirmed disease
0	2
3c. All hospitalized adult patients with confirmed disease	4c. All hospitalized adult patients with unconfirmed disease
1	3
Pediatric patients	Pediatric patients
3d. Number of new admissions of pediatric patients with confirmed disease	4d. Number of new admissions of pediatric patients with unconfirmed disease
0	0
3e. All hospitalized pediatric patients with confirmed disease	4e. All hospitalized pediatric patients with unconfirmed disease
1	0

Reporting Process – Manual Data Entry cont.

The information on this slide applies to reporting of confirmed and unconfirmed hospitalization counts for the following conditions or diseases: CCHF, Dengue, Ebola, Lassa, Measles, Mpox, and Nipah.

Disease:	
Patients with confirmation of disease	Patients with unconfirmed disease
3a. Total number all hospitalized patients with confirmed disease	4a. Total number all hospitalized patients with unconfirmed disease
2	3
Adult patients	Adult patients
3b. Number of new admissions of adult patients with confirmed disease	4b. Number of new admissions of adult patients with unconfirmed disease
0	2
3c. All hospitalized adult patients with confirmed disease	4c. All hospitalized adult patients with unconfirmed disease
1	3
Pediatric patients	Pediatric patients
3d. Number of new admissions of pediatric patients with confirmed disease	4d. Number of new admissions of pediatric patients with unconfirmed disease
0	0
3e. All hospitalized pediatric patients with confirmed disease	4e. All hospitalized pediatric patients with unconfirmed disease
1	0

The value reported for 3a. should be equal to the sum of the values reported in fields 3c. and 3e.

The value reported for 4a. should be equal to the sum of the values reported in fields 4c. and 4e.

Reporting Process – Manual Data Entry cont.

The information on this slide applies to reporting adult hospitalization and admissions counts for the following conditions or diseases: CCHF, Dengue, Ebola, Lassa, Measles, Mpox, and Nipah.

Disease:	
Patients with confirmation of disease	Patients with unconfirmed disease
3a. Total number all hospitalized patients with confirmed disease	4a. Total number all hospitalized patients with unconfirmed disease
2	3
Adult patients	Adult patients
3b. Number of new admissions of adult patients with confirmed disease	4b. Number of new admissions of adult patients with unconfirmed disease
0	2
3c. All hospitalized adult patients with confirmed disease	4c. All hospitalized adult patients with unconfirmed disease
1	3
Pediatric patients	Pediatric patients
3d. Number of new admissions of pediatric patients with confirmed disease	4d. Number of new admissions of pediatric patients with unconfirmed disease
0	0
3e. All hospitalized pediatric patients with confirmed disease	4e. All hospitalized pediatric patients with unconfirmed disease
1	0

The value reported for 3b. should be less than or equal to the value reported in 3c. Adult new admissions are a subset of total adult patients on a given day.

The value reported for 4b. should be less than or equal to the value reported in 4c. Adult new admissions are a subset of total adult patients on a given day.

Reporting Process – Manual Data Entry cont.

The information on this slide applies to reporting pediatric hospitalization and admissions counts for the following conditions or diseases: CCHF, Dengue, Ebola, Lassa, Measles, Mpox, and Nipah.

Disease:	
Patients with confirmation of disease	Patients with unconfirmed disease
3a. Total number all hospitalized patients with confirmed disease	4a. Total number all hospitalized patients with unconfirmed disease
2	3
Adult patients	Adult patients
3b. Number of new admissions of adult patients with confirmed disease	4b. Number of new admissions of adult patients with unconfirmed disease
0	2
3c. All hospitalized adult patients with confirmed disease	4c. All hospitalized adult patients with unconfirmed disease
1	3
Pediatric patients	Pediatric patients
3d. Number of new admissions of pediatric patients with confirmed disease	4d. Number of new admissions of pediatric patients with unconfirmed disease
0	0
3e. All hospitalized pediatric patients with confirmed disease	4e. All hospitalized pediatric patients with unconfirmed disease
1	0

The value reported for 3d. should be less than or equal to 3e. Pediatric new admissions are a subset of total pediatric patients on a given day.

The value reported for 4d. should be less than or equal to 4e. Pediatric new admissions are a subset of total pediatric patients on a given day.

Reporting Process

*The information in this section applies to reporting of confirmed cases for the following conditions or diseases: Toxigenic *Vibrio cholerae*.*

Reporting Process – Manual Data Entry

The information on this slide applies to reporting of confirmed cases for the following conditions or diseases:
Toxigenic Vibrio cholerae.

- Complete only the 'Patients with confirmation of disease' fields in the data collection table to submit the form.
- The 'Patients with unconfirmed disease' fields are not available for reporting for *Toxigenic Vibrio cholerae* at this time.
- The same rules for confirmed case reporting apply here as outlined for all other conditions in the previous section.

Disease:	
Patients with confirmation of disease	Patients with unconfirmed disease
3a. Total number all hospitalized patients with confirmed disease	4a. Total number all hospitalized patients with unconfirmed disease
2	NOT AVAILABLE
Adult patients	Adult patients
3b. Number of new admissions of adult patients with confirmed disease	4b. Number of new admissions of adult patients with unconfirmed disease
0	NOT AVAILABLE
3c. All hospitalized adult patients with confirmed disease	4c. All hospitalized adult patients with unconfirmed disease
1	NOT AVAILABLE
Pediatric patients	Pediatric patients
3d. Number of new admissions of pediatric patients with confirmed disease	4d. Number of new admissions of pediatric patients with unconfirmed disease
0	NOT AVAILABLE
3e. All hospitalized pediatric patients with confirmed disease	4e. All hospitalized pediatric patients with unconfirmed disease
1	NOT AVAILABLE

Reporting Process cont.

- Once you have finished entering data for the date in which you are reporting, click the “Submit” button at the bottom of the page.



- The totals of hospitalized patients with confirmed and unconfirmed disease will then populate the calendar view for the date they were reported in their respective colors for easy identification.



Additional clarifications on reporting of new admissions and prevalent hospitalizations

- The **hospitalization fields** capture counts of patients **currently** hospitalized in an inpatient bed with confirmed or unconfirmed disease status for a given reporting date.
 - Counts include any patients newly admitted to the hospital and patients currently or already hospitalized.
 - This is a measure of prevalence, or current patients occupying a hospital bed.
 - Patients should be counted for the entirety of their hospitalization, even if they are still hospitalized following resolution of illness or negative laboratory testing, and on their day of discharge
 - This also includes patients with a re-infection or co-infection.

Data field description	Data field ID
Total number all hospitalized patients with confirmed disease	3a
All hospitalized adult patients with confirmed disease	3c
All hospitalized pediatric patients with confirmed disease	3e
Total number all hospitalized patients with unconfirmed disease	4a
All hospitalized adult patients with unconfirmed disease	4c
All hospitalized pediatric patients with unconfirmed disease	4e

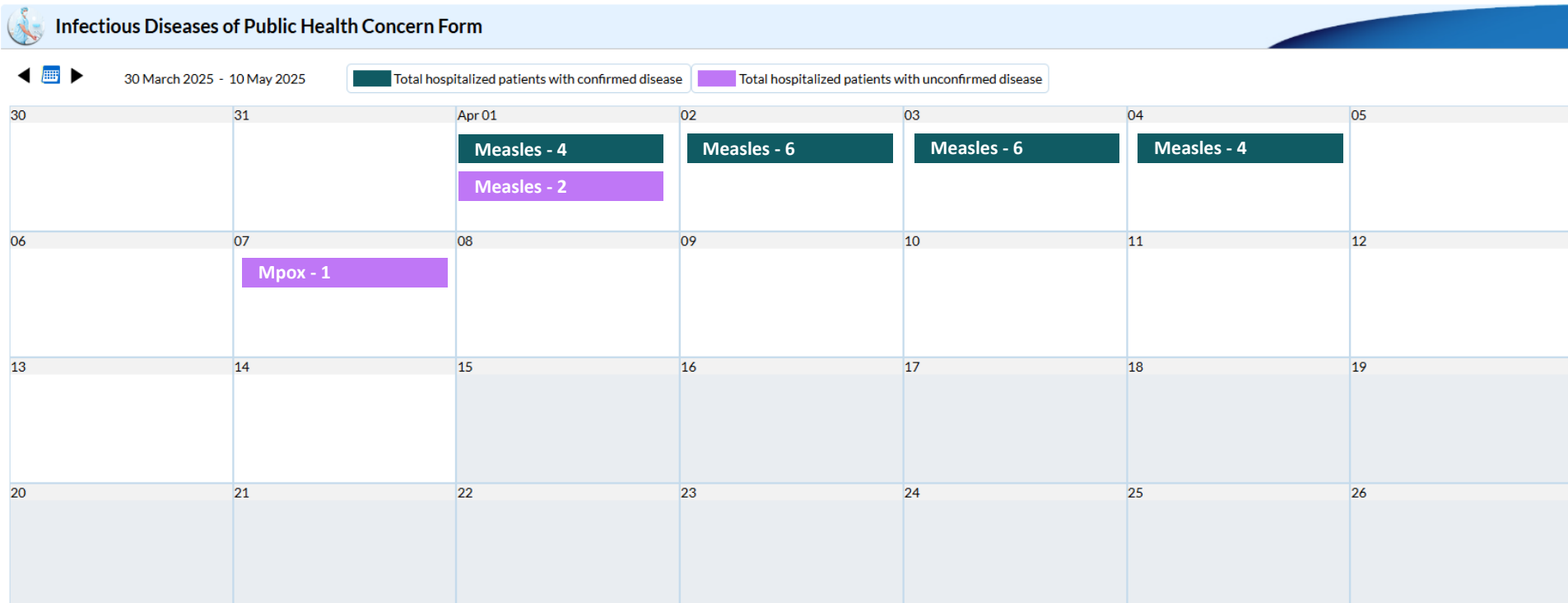
Additional clarifications on reporting of new admissions and prevalent hospitalizations

- The **new admissions** fields capture counts of patients **newly admitted** to an inpatient bed with confirmed or unconfirmed disease status for a given reporting date.
 - This is a measure of incidence, or new patients coming into the hospital.
 - This should be counted in these fields only once, for the date that corresponds to their hospital admission.
 - If disease confirmation is not available at the time of admission but becomes confirmed later, the previous count for admissions does not need to be updated.
 - The number of newly admitted patients represents a subset of the total patients hospitalized for any given reporting date.

Data field description	Data field ID
Number of new admissions of adult patients with confirmed disease	3b
Number of new admissions of pediatric patients with confirmed disease	3d
Number of new admissions of adult patients with unconfirmed disease	4b
Number of new admissions of pediatric patients with unconfirmed disease	4d

Calendar View

Please note that the calendar view in this presentation may appear differently in the application.



Resources

- **IDPHC Webpage** - <https://www.cdc.gov/nhsn/psc/Infectious-Diseases.html>
 - IDPHC Protocol
 - Includes case definitions for all diseases
 - Table of Instructions (TOI)

For any questions or concerns, contact the NHSN Helpdesk.

- Use **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 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

