

Geolocation Confirmation

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Background

Request:

Users are asked to confirm their facility's geolocation on the "Facility Info" page.

Purpose:

- Geolocation data provide greater accuracy than traditional street addresses, enabling the CDC to conduct spatial analyses with more accuracy.
- Geolocation data will help with future efforts to better understand infectious diseases and the catchment areas of our facility reporting system.

Status:

- The function to confirm a facility's geolocation using a physical address was introduced in Release 12.0 on December 16, 2023.
- Since then, over 90% of Acute Care Facilities (ACH) and 60% of Long-term Care Facilities (LTCF) / Nursing Homes have confirmed their geolocation.

Where to Find

The screenshot displays the NHSN Patient Safety Component Home Page. At the top left is the CDC logo and the text "Centers for Disease Control and Prevention" and "CDC 24/7: Saving Lives, Protecting People™". Below this is a blue header bar with the text "NHSN - National Healthcare Safety Network".

On the left is a sidebar menu titled "NHSN Home" with the following items: Alerts, Dashboard, Reporting Plan, Patient, Event, Procedure, Summary Data, Hospital Respiratory Data, Infectious Diseases of Public Health Concern, Import/Export, Surveys, Analysis, Users, and Facility. The "Facility" item is highlighted with a green box and a green circle with the number 1.

Below the "Facility" item is a sub-menu with the following items: Customize Forms, Facility Info, Add/Edit Component, Locations, Surgeons, Direct Enroll, and AUR PI Registration. The "Facility Info" item is highlighted with a green box and a green circle with the number 2.

On the right is the main content area titled "NHSN Patient Safety Component Home Page". It contains several sections: "TAP Strategy Dashboard", "TAS Dashboard", "HAI Pathogen Dashboard", "Survey Data Quality Dashboard", and "Action Items". Below these is a section titled "COMPLETE THESE ITEMS" with three items: "Survey Required 2024", "Confer Rights Not Accepted", and "Facility Geolocation Confirm". The "Facility Geolocation Confirm" item is highlighted with a green box and a green circle with the number 3.

How to Confirm – Option 1

Option 1:

Option 2:

Option 1: The c

The screenshot shows a web form for location confirmation. It is divided into three main sections, each highlighted with a green border:

- Address Fields:** Contains input fields for Facility name (Dialysis Test Facility 5), Address line 1 (1600 CLIFTON RD), Address line 2, Address line 3, City (Atlanta), State (GA - Georgia), County (DeKalb), Zip Code (30329), Zip Code Ext, Phone, and Fax.
- Latitude and Longitude Fields:** Includes a checkbox for "Use Latitude and Longitude" and input fields for Latitude and Longitude.
- Map and Confirmation Buttons:** Features a map of the Atlanta area with a red circle around a marker at Emory University. Below the map is a text box with instructions: "Please verify if the marker on the map matches the physical address of your facility or not. If not update the address field and then click the 'Update Map' button to refresh. If the location is still incorrect, please find the coordinates ([see this instructions](#)) and fill in the 'Latitude' and 'Longitude' fields manually, and then click the 'Update Map' button to verify." Below the text are two buttons: "Update Map" and "Confirm Location".

A yellow arrow points to the "Update Map" button, and a blue arrow points to the "Confirm Location" button.

1. If the marker represents the correct location, click the “Update Map” button and then click the “Confirm Location” button to complete the confirmation.
2. If the default marker is not correct, please manually update the physical address, and then click the “Update Map” button. Repeat this step until the marker shows the correct location, and then click the “Confirm Location” button.

How to Confirm – Option 2

Option 1:

Option 2:

The screenshot shows a web form for facility location confirmation. It is divided into two main sections: 'Address Fields' and 'Latitude and Longitude Fields'. The 'Address Fields' section includes input boxes for Facility name, Address (lines 1-3), City, State, County, Zip Code, and Phone/Fax. The 'Latitude and Longitude Fields' section includes a checkbox for 'Use Latitude and Longitude' and input boxes for Latitude and Longitude. To the right of the form is a map of Atlanta, Georgia, with a marker placed near Emory University. Below the map, there is a text box with instructions and two buttons: 'Update Map' and 'Confirm Location'. A yellow arrow points to the 'Update Map' button, and a blue arrow points to the 'Confirm Location' button.

Facility name:

Address, line 1:

Address, line 2:

Address, line 3:

City:

State:

County:

Zip Code: Zip Code Ext.:

Phone: Ext.:

Fax:

☐ Use Latitude and Longitude

Latitude: Longitude:

Please verify if the marker on the map matches the physical address of your facility or not. If not update the address field and then click the "Update Map" button to refresh. If the location is still incorrect, please find the coordinates ([see this instructions](#)) and fill in the "Latitude" and "Longitude" fields manually, and then click the "Update Map" button to verify.

Option 2: If the physical address cannot map your facility correctly, manually enter the values:

1. Check the "Use Latitude and Longitude" checkbox and then add the latitude and longitude values.

Please enter at least 4 decimal places, e.g., -10.1234. If the latitude or longitude is a negative number, please enter the minus sign. The instructions below the map show how to obtain the latitude and longitude values.

2. Click the "Update Map" button and review the marker. If the location is correct, click the 'Confirm Location' button.

How to Avoid Typical Mistakes

1. Do not forget the minus sign:

- All continental U.S. addresses have a negative longitude value.

2. Provide enough decimal places:

- Please ensure you provide at least 4 decimal places (e.g., -10.1234) to maintain the required level of accuracy.

3. Make sure the geolocation is accurate enough:

- The NHSN kindly requests street-block level accuracy. Please verify your location on the map to ensure precision.

For questions or concerns, contact the NHSN Helpdesk

- **NHSN-ServiceNow** to submit questions to the NHSN Help Desk with the subject line: **Geolocation Confirmation**.

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.

