



Healthcare Personnel Safety Component

Healthcare Personnel Vaccination Module Influenza Vaccination Summary

Inpatient Psychiatric Facilities

September 9, 2015

Objectives

- ❑ **Provide an overview of the National Healthcare Safety Network (NHSN) and the Healthcare Personnel (HCP) Vaccination Module**
- ❑ **Review how to get started in the Healthcare Personnel Safety (HPS) Component**
- ❑ **Describe reporting requirements for the HCP Influenza Vaccination Summary**
- ❑ **Review entering data for the HCP Influenza Vaccination Summary**
 - HCP Safety Monthly Reporting Plan
 - HCP Influenza Vaccination Summary
- ❑ **Outline data analysis features**

Overview of NHSN

Purposes of NHSN

- ❑ **NHSN is a secure, Internet-based surveillance system managed by the CDC's Division of Healthcare Quality Promotion (DHQP) that is used to:**
 - Collect data from a sample of healthcare facilities to permit valid estimations of the:
 - Magnitude of adverse events
 - Adherence to practices to prevent adverse events
 - Analyze and report collected data to permit recognition of trends
 - Provide facilities with data that can be used for inter-facility comparisons and local quality improvement activities

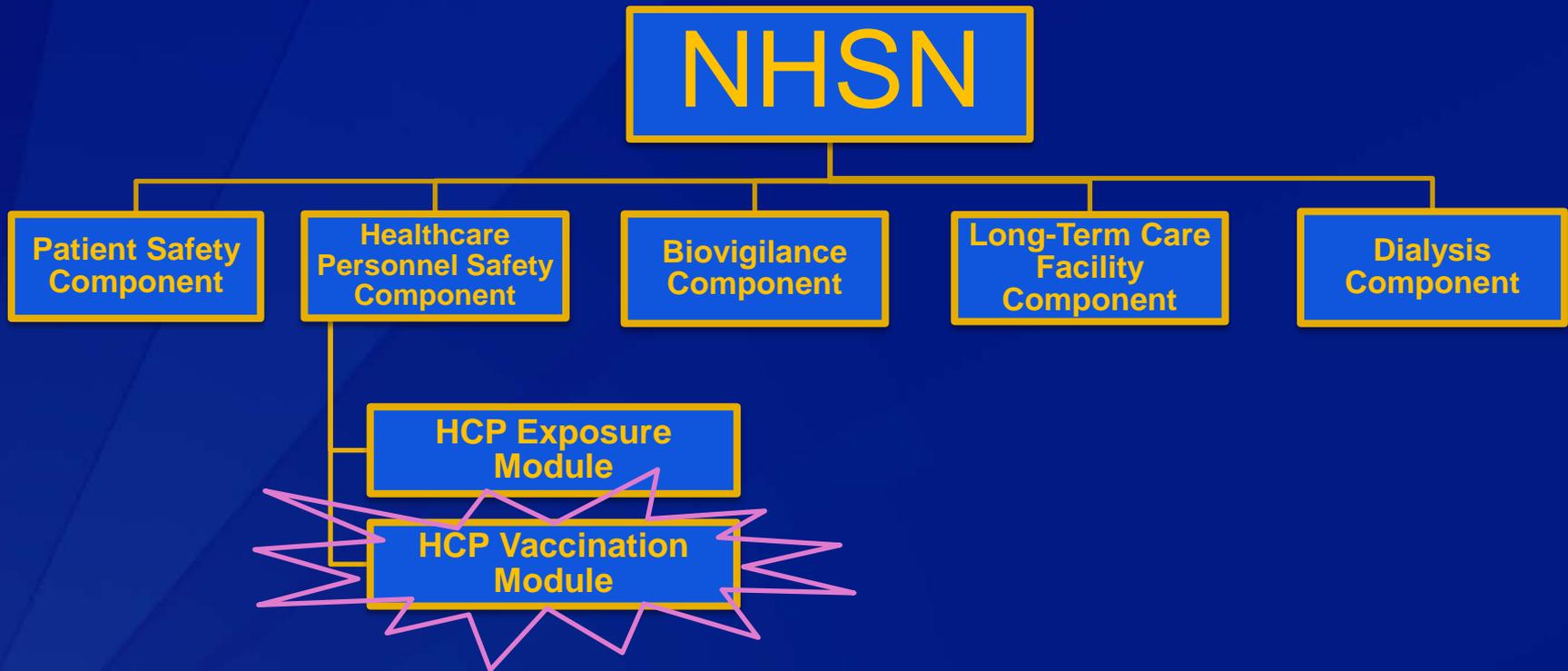
Purposes of NHSN (cont.)

- ❑ Enable healthcare facilities to report healthcare-associated infections (HAI) and prevention practice adherence data via NHSN to the U.S. Centers for Medicare and Medicaid Services (CMS) in fulfillment of CMS's quality measurement reporting requirements for those data
- ❑ A comprehensive list of purposes can be found on the Website: <http://www.cdc.gov/nhsn/>

Assurance of Confidentiality

- **“The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Section 304, 306, and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).”**

NHSN Structure



Healthcare Personnel Safety Component

- **The HPS Component consists of two modules:**
 - **Healthcare Personnel (HCP) Exposure Module**
 - Blood/Body Fluid Exposure Only
 - Blood/Body Fluid Exposure with Exposure Management
 - Influenza Exposure Management
 - **HCP Vaccination Module**
 - Influenza Vaccination Summary
- **The Influenza Vaccination Summary within the HCP Vaccination Module is designed to assist staff in healthcare facilities to monitor influenza vaccination percentages among HCP**

Overview of the HCP Influenza Vaccination Summary

HCP Influenza Vaccination Summary

- ❑ **The HCP Vaccination Module allows NHSN users to report HCP influenza vaccination summary data**
- ❑ **HCP influenza vaccination summary data is designed to ensure that reported HCP influenza vaccination coverage is:**
 - Consistent over time within a single healthcare facility
 - Comparable across facilities
- ❑ **Improvements in tracking and reporting HCP vaccination status may allow for identification and targeting of unvaccinated HCP**

HCP Influenza Vaccination Summary

- ❑ **Data are collected on denominator and numerator categories**
 - Denominator categories:
 - HCP must be physically present in the facility for at least 1 working day between October 1 through March 31
 - Includes both full-time and part-time HCP
 - Employee HCP: Staff on facility payroll
 - Non-employee HCP: Licensed independent practitioners (physicians, advanced practice nurses, and physician assistants)
 - Non-employee HCP: Adult students/trainees and volunteers
 - Numerator categories:
 - Influenza vaccinations, medical contraindications, declinations, and unknown status
- ❑ **Facilities are required to report all numerator categories for the three denominator categories**

Getting Started in the HPS Component

Key Roles in NHSN

□ Facility Administrator

- The person enrolling the facility in NHSN
- Only person who can activate additional components for a facility
- Has add/edit/delete rights to facility data, users, and users' access
- Has authority to nominate/join groups for data sharing
- Only person who can re-assign the role of Facility Administrator to another user
- There is only one Facility Administrator per facility

□ Users

- Rights are determined by Facility Administrator: view data, data entry, and data analysis
- May be given administrative rights

Getting Started in the HPS Component

❑ Enrolling in NHSN

- Facilities that are currently not participating in NHSN and wish to participate must enroll their facility in NHSN
 - Please visit <http://www.cdc.gov/nhsn/enrollment/index.html> for more information regarding the enrollment process

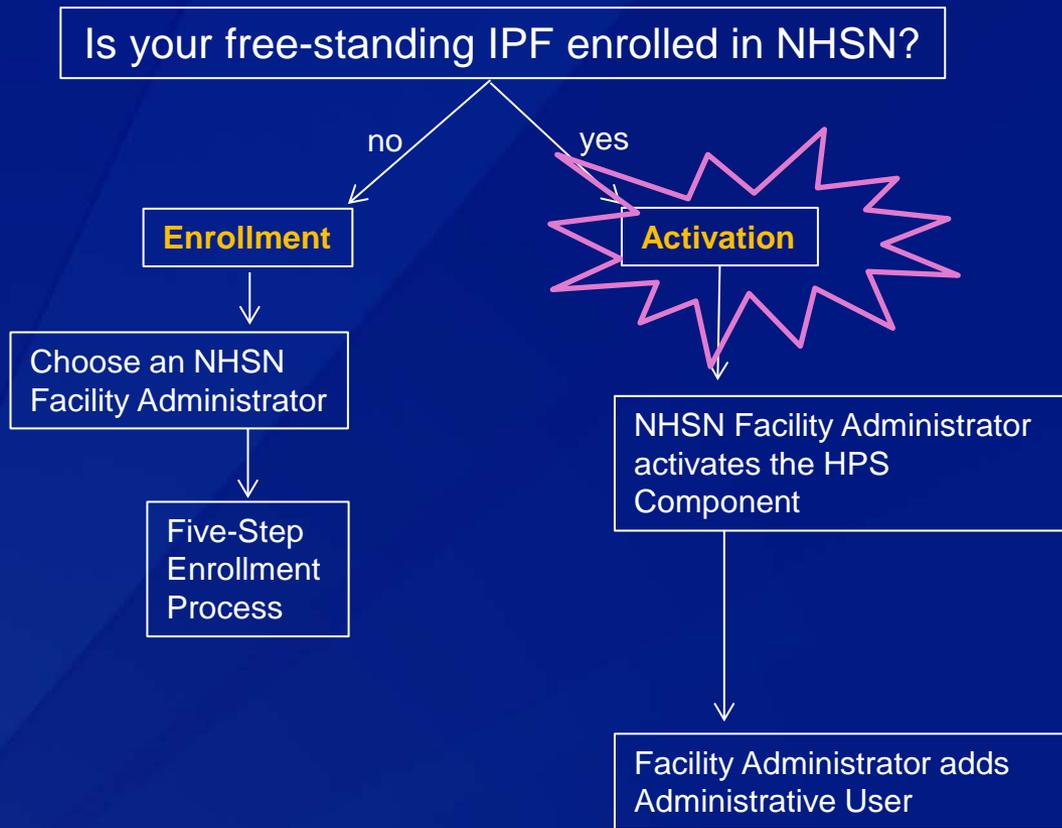
❑ Adding an IPF location

- IPF units located within acute care/critical access facilities must be added as a unit within the already enrolled acute care/critical access hospital

❑ Activating the HPS Component

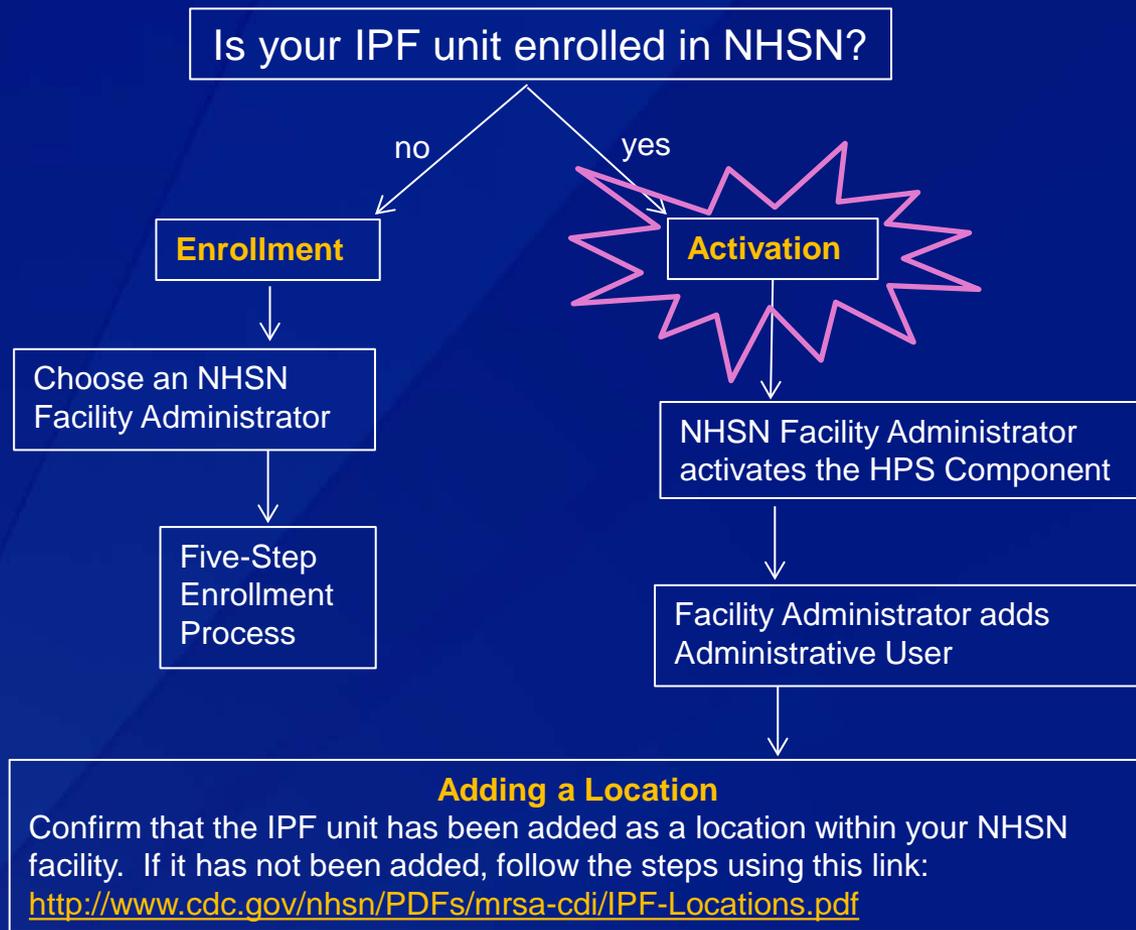
- Facilities that are already enrolled in NHSN and wish to participate in the HPS Component must activate the component within NHSN

Getting Started in the HPS Component for Free-Standing IPFs



- ❑ Are you unsure of your facility's status with NHSN?
 - E-mail nhsn@cdc.gov

Getting Started in the HPS Component for IPF Units



- Are you unsure of your facility's status with NHSN?
 - E-mail nhsn@cdc.gov

Activating the HPS Component For Existing NHSN Facilities

- ❑ Facility Administrator logs into the Secure Access Management Services (SAMS): <https://nhsn2.cdc.gov/nhsn/>
 - Click “NHSN Reporting”
- ❑ From the Home Page, click “Facility” then “Add/Edit Component”
 - Check box next to Healthcare Personnel Safety
- ❑ Facility Administrator adds HPS Component Primary Contact
 - Enter name, phone, e-mail, and address for person to be contacted if CDC/NHSN has updates or questions about the HPS Component



Activating the HPS Component for Existing NHSN Facilities

- ❑ **Facility Administrator adds HPS Component Primary Contact as a user within the NHSN facility**
 - Click “Users” on the navigation bar, then click “Add”
 - Complete “Add User” screen mandatory fields
 - User ID – created by the facility
 - First Name
 - Last Name
 - E-mail Address – Must be an active/correct address for the user
- ❑ **Other users are added by the Facility Administrator or new HPS Component Primary Contact**
- ❑ **Facility Administrator should ensure that at least one HPS Component user has administrative rights**

User Rights

- ❑ Any user with administrative rights can add users
- ❑ After saving the new user information, the “Edit User Rights” screen will appear
- ❑ Please be sure to confer the proper rights to users

NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8081)

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

Edit User Rights

[HELP](#)

User ID: **EHK2 (ID 2632)**

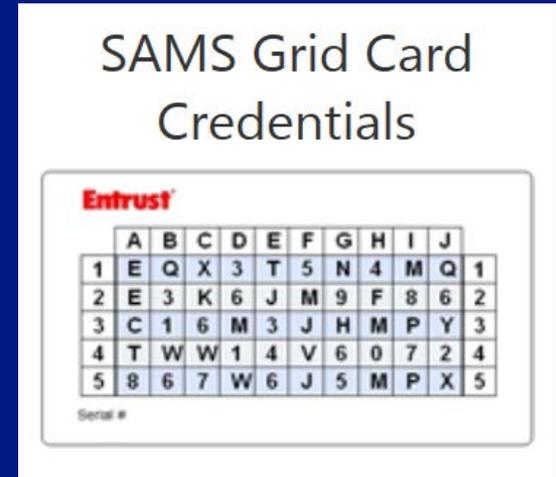
Facility List:

| Rights | Patient Safety | Healthcare Personnel Safety |
|-------------------|--------------------------|-------------------------------------|
| Administrator | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| All Rights | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Analyze Data | <input type="checkbox"/> | <input type="checkbox"/> |
| Add, Edit, Delete | <input type="checkbox"/> | <input type="checkbox"/> |
| View Data | <input type="checkbox"/> | <input type="checkbox"/> |
| Customize Rights | <input type="checkbox"/> | <input type="checkbox"/> |

New Users to NHSN

- ❑ **Receive an invitation to register with SAMS**
 - New users will automatically receive an invitation to SAMS after being added as a user to the facility
- ❑ **Complete and submit identity verification documents to CDC**
- ❑ **Access NHSN using SAMS credentials**

Information about the process can be found at:
<http://www.cdc.gov/nhsn/sams/about-sams.html>



Reporting Requirements for the HCP Influenza Vaccination Summary

HCP Influenza Vaccination Summary Protocol

- The protocol is a facility's guide to collecting and reporting Influenza Vaccination Summary data for the HCP Vaccination Module:

<http://www.cdc.gov/nhsn/PDFs/HPS-manual/vaccination/HPS-flu-vaccine-protocol.pdf>

- It outlines reporting requirements and specifications
 - Data collection forms
 - Denominator categories and notes
 - Numerator categories and notes
 - Data sources
 - Methodology
 - Calculations for data analyses in NHSN
 - Table of instructions
 - Key terms

Denominator Categories

- ❑ Employee HCP: Staff on facility payroll
- ❑ Non-Employee HCP: Licensed independent practitioners (physicians, advanced practice nurses, and physician assistants)
- ❑ Non-Employee HCP: Adult students/trainees and volunteers
- ❑ HCP must be physically present in the facility for at least 1 working day between October 1 through March 31

| National Healthcare Safety Network | | Healthcare Personnel Influenza Vaccination Summary | | |
|---|--|--|---|---------------------------------------|
| Page 1 of 2 *required for saving, ^conditionally required for saving | | | | |
| Record the number of healthcare personnel (HCP) for each category below for the influenza season being tracked. | | | | |
| *Facility ID#: | | ^Location: | | |
| *Vaccination type: Influenza | *Influenza subtype ^a : <input type="checkbox"/> Seasonal | *Influenza Season ^b : | | Date Last Modified: ___/___/___ |
| | | Employee HCP | Non-Employee HCP | |
| | | *Employees (staff on facility payroll) | *Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants | *Adult students/trainees & volunteers |
| | | | | Other Contract Personnel |

Denominator Categories: Employee HCP

- **Employees (staff on facility payroll) [Required]**
 - Defined as all persons that receive a direct paycheck from the healthcare facility (i.e., on the facility's payroll), regardless of clinical responsibility or patient contact

Denominator Categories: Non-Employee HCP: Licensed Independent Practitioners

□ Licensed Independent Practitioners [Required]

- Defined as physicians (MD, DO); advanced practice nurses; and physician assistants only who are affiliated with the healthcare facility, but are not directly employed by it (i.e., they do not receive a paycheck from the facility), regardless of clinical responsibility or patient contact. Post-residency fellows are also included in this category.

Denominator Categories: Non-Employee HCP: Adult Students/Trainees and Volunteers

- **Adult students/trainees and volunteers [Required]**
 - Defined as adult students/trainees and volunteers: medical, nursing, or other health professional students, interns, medical residents, or volunteers aged 18 or older that are affiliated with the healthcare facility, but are not directly employed by it (i.e., they do not receive a paycheck from the facility), regardless of clinical responsibility or patient contact

Denominator Categories: Non-Employee HCP: Other Contract Personnel

□ Other contract personnel [Optional]

- Defined as persons providing care, treatment, or services at the facility through a contract
- There are several types of personnel who provide direct care and non-direct services. Examples include:
 - Dialysis technicians
 - Occupational therapists
 - Admitting staff
 - Pharmacists
- Refer to Appendix A of the HCP Influenza Vaccination Summary Protocol for suggested list of contract personnel
<http://www.cdc.gov/nhsn/PDFs/HPS-manual/vaccination/12-Appendix-A.pdf>

Numerator Categories

- ❑ The numerator includes HCP who received an influenza vaccination during the time from when the vaccine became available (e.g., August or September) through March 31 of the following year
- ❑ Influenza vaccinations
 - Received at this healthcare facility or elsewhere
- ❑ Medical contraindications
- ❑ Declinations
- ❑ Unknown status

| | Employee HCP | Non-Employee |
|--|--|---|
| | *Employees (staff on facility payroll) | *Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants |
| 1. Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 | | |
| 2. Number of HCP who received an influenza vaccination at this healthcare facility since influenza vaccine became available this season | | |
| 3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season | | |
| 4. Number of HCP who have a medical contraindication to the influenza vaccine | | |
| 5. Number of HCP who declined to receive the influenza vaccine | | |
| 6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) | | |

Numerator Categories

- ❑ HCP who received an influenza vaccination at this healthcare facility since influenza vaccine became available this season
- ❑ HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season
 - Acceptable forms of documentation include:
 - A signed statement or form, or an electronic form or e-mail from a healthcare worker (HCW) indicating when and where he/she received the influenza vaccine
 - A note, receipt, vaccination card, etc. from the outside vaccinating entity stating that the HCW received the influenza vaccine at that location
 - Verbal statements are not acceptable

Numerator Categories

□ HCP who have a medical contraindication to the influenza vaccine

- For this module, for inactivated influenza vaccine (IIV), accepted contraindications include:
 - (1) severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component, including egg protein; or
 - (2) history of Guillain-Barré Syndrome within 6 weeks after a previous influenza vaccination.
- HCP who have a medical contraindication to live attenuated influenza vaccine (LAIV) other than the medical contraindications listed above, should be offered IIV by their facility, if available
- Documentation is not required for reporting a medical contraindication (verbal statements are acceptable)

Numerator Categories

- **HCP who declined to receive the influenza vaccine**
 - Documentation is not required for reporting declinations (verbal statements are acceptable)

- **HCP with unknown vaccination status (or criteria not met for above-mentioned categories)**

Counting HCP in IPFs

- ❑ HCP working in an IPF unit that is mapped as an Inpatient Psychiatric Ward within an acute care facility (has a “M” or “S” in the 3rd position of the CCN) should be reported separately from the acute care/critical access hospital*
- ❑ A healthcare worker from the IPF unit who also works in the acute care/critical access hospital during the influenza season and meets NHSN protocol definitions should also be included in the acute care counts
- ❑ Multiple IPF units located within a single facility should combine and submit data to NHSN as a single summary report
- ❑ Free-standing IPFs should enroll and report separately in NHSN

* Operational Guidance:

<http://www.cdc.gov/nhsn/pdfs/cms/operational-guidance-ipf-hcp-flu-final.pdf>

Notes on Reporting Requirements

- ❑ Facilities are only required to report data once at the conclusion of reporting period (October 1 through March 31)
- ❑ HCP who are physically present in the facility for at least 1 working day between October 1 through March 31 are included in the denominator
- ❑ HCP in the denominator population who received an influenza vaccination during the time from when the vaccine became available through March 31 of the following year are counted as vaccinated

Notes on Reporting Requirements

- ❑ The denominator categories are mutually exclusive. The numerator data are to be reported separately for each of the denominator categories.
- ❑ The numerator data are mutually exclusive. The sum of the numerator categories should be equal to the denominator for each HCP group.

Entering Data for the HCP Influenza Vaccination Summary

Required and Optional Reporting Forms

- ❑ **After enrolling in NHSN and/or activating the HPS Component and adding users:**
 - Complete Required Forms
 - HCP Safety Monthly Reporting Plan
 - HCP Influenza Vaccination Summary Form
 - Complete Optional Form
 - Seasonal Survey on Influenza Vaccination Programs for HCP

Log into SAMS

- ❑ You can access the activity home page by clicking <https://nhsn2.cdc.gov/nhsn/>
- ❑ Enter your SAMS user name and password
- ❑ Enter SAMS grid card numbers

Login Options

Choose one of the two login options.

SAMS Grid Card Credentials



The image shows a grid card with a header 'Entrust' and a grid of letters and numbers. The grid is as follows:

| | A | B | C | D | E | F | G | H | I | J | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E | Q | X | 3 | T | S | N | 4 | M | Q | 1 |
| 2 | E | 3 | K | 6 | J | M | 9 | F | 8 | 6 | 2 |
| 3 | C | 1 | 6 | M | 3 | J | H | M | P | Y | 3 |
| 4 | T | W | W | 1 | 4 | V | 6 | 0 | 7 | 2 | 4 |
| 5 | 8 | 6 | 7 | W | 6 | J | 5 | M | P | X | 5 |

SAMS Username:

SAMS Password:

Login

Forgot SAMS Password?

For users who have been issued a SAMS Grid Card.

OR

HHS PIV Card



The image shows a PIV card with a photo of a person, a logo, and a yellow chip.

Insert your PIV card in your smart card reader before you try to login.

Login

For users who are CDC staff and have been issued a PIV card.

- ❑ For assistance with SAMS, contact the SAMS Help Desk at 1-877-681-2901 or samshelp@cdc.gov

NHSN Home Page



Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

Welcome to the NHSN Landing Page

Select a component and facility,
then click Submit to go to the Home Page.

Select component:

Select facility/group from dropdown list:

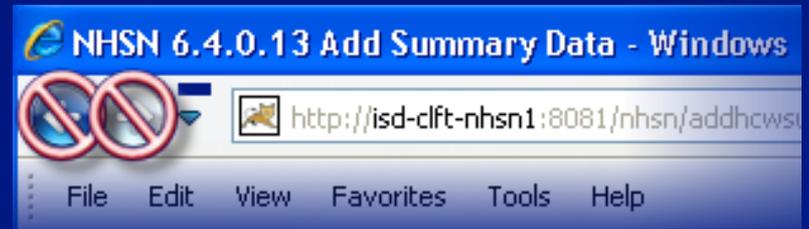
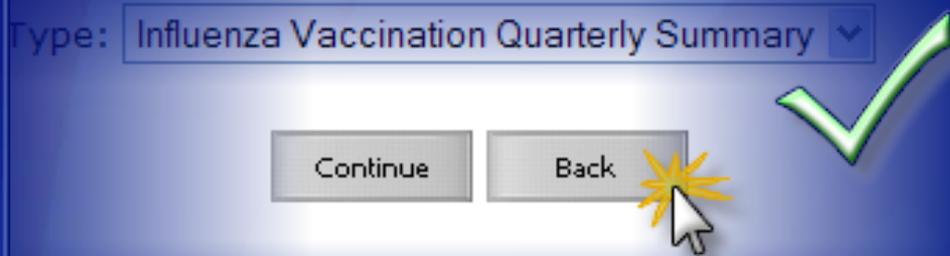
Submit



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Navigating NHSN

- ❑ Use NHSN buttons to navigate (do not use Web browser buttons)



- ❑ View facility name, user, and component in use at the top of the screen

A screenshot of the NHSN header and user information. The header features the CDC logo on the left and the text 'Department of Health and Human Services' and 'Centers for Disease Control and Prevention' on the right. Below the header, the text 'NHSN - National Healthcare Safety Network (ISD-CLFT-NHSN1)' is displayed. At the bottom, there is a navigation bar with 'NHSN Home' and 'Reporting Plan' on the left. On the right, the user information is shown: 'Logged into Mount Sinai Medical Center (ID 10127) as VET2. Facility Mount Sinai Medical Center (ID 10127) is following the HPS component.' A red arrow points to this user information.

HPS Component Home Page



Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8081)

[NHSN Home](#) | [My Info](#) | [Contact us](#) | [Help](#) | [Log Out](#)

NHSN Home

Reporting Plan

HCW

Lab Test

Exposure

Prophy/Treat

Flu Summary

[Add](#)

[Find](#)

[Incomplete](#)

Analysis

Surveys

Users

Facility

Group

Log Out

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

NHSN Healthcare Personnel Safety Component Home Page

Use the Navigation bar on the left to access the features of the application.

Assurance of Confidentiality: The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).

NHSN maintenance may occur nightly between 12am and 6am Eastern time.



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HCP Safety Monthly Reporting Plan Form

- ❑ **Collects data on which modules and months the facility plans to participate**

- ❑ **Users should select Influenza Vaccination as appropriate**
 - The plan is automatically updated with this information for the entire NHSN-defined influenza season (July 1 to June 30)
 - The user will not need to add any reporting plans after the initial monthly plan has been added for that influenza season.

Monthly Plan View for IPF Units

- ❑ Click “Reporting Plan” then “Add”
- ❑ Select correct month and year from dropdown menus
- ❑ Check appropriate box next to “Influenza Vaccination Summary” for reporting hospital data or IPF unit(s) data

Alerts
Reporting Plan
▶ Add
▶ Find
▶ Incomplete
HCW
Lab Test
Exposure
Prophy/Treat
Flu Summary
Analysis
Surveys
Users
Facility
Group
Tools
Log Out

Add Monthly Reporting Plan

Mandatory fields marked with *

*Facility ID: Pleasant Valley Hospital (ID 10312) ▼

*Month: ▼

*Year: ▼

No NHSN Healthcare Personnel Safety Modules Followed this Month

Healthcare Personnel Exposure Modules

Blood/Body Fluid Exposure Only

Blood/Body Fluid Exposure with Exposure Management

Influenza Exposure Management

Healthcare Personnel Vaccination Module

Influenza Vaccination Summary for the Hospital

Influenza Vaccination Summary for Inpatient Rehabilitation Facility Unit(s)

Influenza Vaccination Summary for Inpatient Psychiatric Facility Unit(s)

Save Back

Monthly Plan View for Free-standing IPFs

- ❑ Click “Reporting Plan” then “Add”
- ❑ Select correct month and year from dropdown menus
- ❑ Check box next to “Influenza Vaccination Summary”

NHSN Home

- Reporting Plan**
 - Add
 - Find
 - Incomplete
- HCW
- Lab Test
- Exposure
- Prophy/Treat
- Flu Summary
- Analysis
- Surveys
- Users
- Facility
- Group
- Log Out

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

Add Monthly Reporting Plan

Mandatory fields marked with *

Facility ID*: Pleasant Valley Hospital (ID 10312) ▼

Month*: ▼

Year*: ▼

No NHSN Healthcare Personnel Safety Modules Followed this Month

Healthcare Personnel Exposure Modules

- Blood/Body Fluid Exposure Only
- Blood/Body Fluid Exposure with Exposure Management
- Influenza Exposure Management

Healthcare Personnel Vaccination Module

- Influenza Vaccination Summary

Saving the Monthly Plan

- ❑ Click “Save” when finished

NHSN Home Logged into Pleasant Valley Hospital (ID 10312) as ISA8.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

Add Monthly Reporting Plan

Mandatory fields marked with *

Facility ID*: Pleasant Valley Hospital (ID 10312) ▾
Month*: October ▾
Year*: 2012 ▾

No NHSN Healthcare Personnel Safety Modules Followed this Month

Healthcare Personnel Exposure Modules

Blood/Body Fluid Exposure Only
 Blood/Body Fluid Exposure with Exposure Management
 Influenza Exposure Management

Healthcare Personnel Vaccination Module

Influenza Vaccination Summary

HCP Influenza Vaccination Summary Form

- ❑ **Collects summary influenza vaccination counts among HCP**
- ❑ **HCP influenza summary reporting in NHSN consists of a single data entry screen per influenza season**
- ❑ **Each time a user enters updated data for a particular influenza season:**
 - All previously entered data for that season will be overwritten
 - A new modified date will be auto-filled by the system

HCP Influenza Vaccination Summary Form

□ **NHSN data entry screen mirrors the HCP Influenza Vaccination Summary Form**

- Denominator (Question 1)
- Numerator (Questions 2-6)

| | *Employees (staff on facility payroll) | *Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants | *Adult students/ trainees & volunteers | Other Contract Personnel |
|--|---|---|---|--------------------------------|
| 1. Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 | | | | |
| 2. Number of HCP who received an influenza vaccination at this healthcare facility since influenza vaccine became available this season | | | | |
| 3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season | | | | |
| 4. Number of HCP who have a medical contraindication to the influenza vaccine | | | | |
| 5. Number of HCP who declined to receive the influenza vaccine | | | | |
| 6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) | | | | |

Table of Instructions

| Data Fields | Instructions for Completion |
|--|--|
| Facility ID # | <i>Required.</i> The NHSN-assigned facility ID will be auto-entered. |
| Vaccination Type | <i>Required.</i> Influenza is the default and only current choice. |
| Influenza Subtype | <i>Required.</i> Seasonal is the default and only current choice. |
| Influenza Season | <i>Required.</i> Select the influenza season years for which data were collected (e.g., 2012/2013). |
| Date Last Modified | The Date Last Modified will be auto-entered and will indicate the date that these data were last changed by a user. |
| Employee HCP (staff on facility payroll) | <i>Required.</i> Defined as all persons that receive a direct paycheck from the healthcare facility (i.e., on the facility's payroll), regardless of clinical responsibility or patient contact. |
| Non-Employee HCP: Licensed independent | <i>Required.</i> Defined as physicians (MD, DO); advanced practice nurses; and physician |

- The Table of Instructions outlines the instructions and definitions for each data field in the NHSN module

- The Instructions for the HCP Influenza Vaccination Summary Form are located in the HCP Influenza Vaccination Summary Protocol: <http://www.cdc.gov/nhsn/forms/57-214-HCP-Influenza-Vaccination-Summary-Form-TOI-.pdf>

HCP Influenza Vaccination Summary Data

- ❑ Click “Flu Summary” then “Add”
- ❑ “Influenza Vaccination Summary Data” appears as the only option
- ❑ Click “Continue”



Department of Health and Human Services
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8081)

| NHSN Home | My Info | Contact us | Help | Log Out

NHSN Home

Reporting Plan

HCW

Lab Test

Exposure

Prophy/Treat

Flu Summary

▶ Add

▶ Find

▶ Incomplete

Analysis

Surveys

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

Add Summary Data

Summary Data Type: Influenza Vaccination Summary ▾

Continue

Back

Summary Report for Hospitals with IPF Units

- ❑ “Influenza” and “Seasonal” are the default choices for vaccination type and influenza subtype
- ❑ Select appropriate flu season in drop-down box (e.g., 2015-2016)
- ❑ Select the appropriate location for reporting hospital or IPF unit(s) data

Alerts

Reporting Plan

HCW

Lab Test

Exposure

Prophy/Treat

Flu Summary

- ▢ Add
- ▢ Find
- ▢ Incomplete

Analysis

Surveys

Users

Facility

Group

Tools

Add Influenza Vaccination Summary

Mandatory fields marked with *

Record the cumulative number of healthcare personnel (HCP) for each category below for the influenza season being tracked.

Facility ID*: 10312 (Pleasant Valley Hospital)

Vaccination type*: Influenza ▾

Influenza subtype*: Seasonal ▾

Flu Season*: 2015/2016 ▾

Locations*: IPF Units(s) ▾



Summary Report for Free-standing IPFs

- ❑ “Influenza” and “Seasonal” are the default choices for vaccination type and influenza subtype
- ❑ Select appropriate flu season in drop-down box (e.g., 2015-2016)

 **NHSN Home**

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

Add Influenza Vaccination Summary

Mandatory fields marked with *

Record the cumulative number of healthcare personnel (HCP) for each category below for the influenza season being tracked.

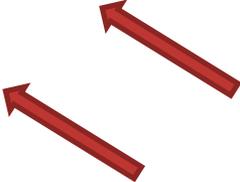
Facility ID*: 10312 (Pleasant Valley Hospital)

Vaccination type*: Influenza ▾

Influenza subtype*: Seasonal ▾

Flu Season*: ▾

Date Last Modified: ▾



HCP Influenza Vaccination Summary Data Entry Screen

| HCP categories | Employee HCP | Non-Employee HCP | | |
|--|--|---|---------------------------------------|--------------------------|
| | Employees (staff on facility payroll)* | Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants* | Adult students/trainees & volunteers* | Other Contract Personnel |
| 1. Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 2. Number of HCP who received an influenza vaccine at this healthcare facility since influenza vaccine became available this season | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 4. Number of HCP who have a medical contraindication to the influenza vaccine | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 5. Number of HCP who declined to receive the influenza vaccine | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Custom Fields [HELP](#)

TEST FIELD:

Comments

- ❑ The asterisks indicate required columns that must be completed
- ❑ Use the “Custom Fields” function for data that a facility would like to collect and analyze consistently
- ❑ Use the “Comments” box to enter any additional information, such as side notes

HCP Influenza Vaccination Summary Data Entry Screen: Custom Fields

- ❑ Click “Facility” then “Customize Forms”
- ❑ Complete all mandatory fields
- ❑ Enter label and select type and status
- ❑ Click “Save” when finished

Flu Summary
Analysis
Surveys
Users
Facility
▶ **Customize Forms**
▶ Export Data
▶ Facility Info
▶ Add/Edit Component
▶ Locations
▶ Occupations
▶ Departments
▶ Supervisors
▶ Vaccinators
▶ Devices
Group
Log Out

Mandatory fields to "Add" or "Edit" a record marked with *

Form Type*: CDC-Defined - HPS - Flu Summary
Form *: Influenza Vaccination Summary
Description*: VACCSUMANN
Status *: Active

Define Custom Fields

Delete Row(s) Add Row

| | Label | Type | Status |
|--------------------------|----------------|---------|--------|
| <input type="checkbox"/> | HCP NURSES | Numeric | Active |
| <input type="checkbox"/> | HCP PHYSICIANS | Numeric | Active |
| <input type="checkbox"/> | | | |

Find Save Clear

HCP Influenza Vaccination Summary Data Entry Screen: Custom Fields

Custom Options

✔ The custom option 'VACCSUMANN' has been successfully updated.

| | | | | |
|--|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| 3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season | <input type="text" value="25"/> | <input type="text" value="50"/> | <input type="text" value="50"/> | <input type="text" value="25"/> |
| 4. Number of HCP who have a medical contraindication to the influenza vaccine | <input type="text" value="0"/> | <input type="text" value="50"/> | <input type="text" value="50"/> | <input type="text" value="25"/> |
| 5. Number of HCP who declined to receive the influenza vaccine | <input type="text" value="25"/> | <input type="text" value="0"/> | <input type="text" value="100"/> | <input type="text" value="0"/> |
| 6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) | <input type="text" value="0"/> | <input type="text" value="0"/> | <input type="text" value="0"/> | <input type="text" value="0"/> |

Custom Fields [HELP](#)

HCP NURSES: HCP PHYSICIANS :

Comments

- ❑ A message will appear at the top of the screen indicating that the Custom Fields have been updated
- ❑ The Custom Fields will now appear on the data entry screen

Editing HCP Influenza Vaccination Summary Data

View Influenza Vaccination Summary

⊖ A record for the selected summary data element already exists.

Mandatory fields marked with *

Record the cumulative number of healthcare personnel (HCP) for each category below for the influenza season being tracked.

Facility ID*: 10238 (Boston Vet Center)

Vaccination type*: Influenza

Influenza subtype*: Seasonal

Flu Season*: 2013/2014

Date Last Modified: 07/03/2013

| HCP categories | Employee HCP | Non-Employee HCP | | |
|---|--|---|---------------------------------------|--------------------------|
| | Employees (staff on facility payroll)* | Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants* | Adult students/trainees & volunteers* | Other Contract Personnel |
| 1. Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 | 50 | 10 | 25 | 5 |
| 2. Number of HCP who received an influenza vaccine at this healthcare facility since influenza vaccine became available this season | 35 | 5 | 20 | 2 |

□ For each update of the data after the initial entry, a message will indicate that a record of the summary data already exists

□ The “Date Last Modified” shows when the data were last entered

Editing HCP Influenza Vaccination Summary Data

- Click “Edit” to modify existing data

| HCP categories | Employee HCP | Non-Employee HCP | | |
|--|--|---|---------------------------------------|--------------------------|
| | Employees (staff on facility payroll)* | Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants* | Adult students/trainees & volunteers* | Other Contract Personnel |
| 1. Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 | 50 <input type="text"/> | 10 <input type="text"/> | 25 <input type="text"/> | 5 <input type="text"/> |
| 2. Number of HCP who received an influenza vaccine at this healthcare facility since influenza vaccine became available this season | 35 <input type="text"/> | 5 <input type="text"/> | 20 <input type="text"/> | 2 <input type="text"/> |
| 3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season | 10 <input type="text"/> | 0 <input type="text"/> | 5 <input type="text"/> | 3 <input type="text"/> |
| 4. Number of HCP who have a medical contraindication to the influenza vaccine | 5 <input type="text"/> | 0 <input type="text"/> | 0 <input type="text"/> | 0 <input type="text"/> |
| 5. Number of HCP who declined to receive the influenza vaccine | 0 <input type="text"/> | 5 <input type="text"/> | 0 <input type="text"/> | 0 <input type="text"/> |
| 6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) | 0 <input type="text"/> | 0 <input type="text"/> | 0 <input type="text"/> | 0 <input type="text"/> |

Custom Fields [HELP](#)

TEST FIELD:

Comments

Saving HCP Influenza Vaccination Summary Data

- Click “Save” to save the updated data

| HCP categories | Employees (staff on facility payroll)* | Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants* | Adult students/trainees & volunteers* | Other Contract Personnel |
|--|--|---|---------------------------------------|--------------------------|
| 1. Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 | 50 | 15 | 25 | 5 |
| 2. Number of HCP who received an influenza vaccine at this healthcare facility since influenza vaccine became available this season | 25 | 10 | 15 | 2 |
| 3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season | 20 | 0 | 10 | 3 |
| 4. Number of HCP who have a medical contraindication to the influenza vaccine | 5 | 0 | 0 | 0 |
| 5. Number of HCP who declined to receive the influenza vaccine | 0 | 5 | 0 | 0 |
| 6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) | 0 | 0 | 0 | 0 |

Custom Fields [HELP](#)

TEST FIELD:

Comments

Saving HCP Influenza Vaccination Summary Data

- ❑ A message confirming that data were saved should appear at the top of the screen

NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8081) | NHSN Home | My Info | Contact us | Help | Log Out

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

View Influenza Vaccination Summary

Save of Summary Data successful.

Mandatory fields marked with *

Record the cumulative number of healthcare personnel (HCP) for each category below for the influenza season being tracked.

Facility ID*: 10312 (Pleasant Valley Hospital)
Vaccination type*: Influenza
Influenza subtype*: Seasonal
Flu Season*: 2012/2013

Date Last Modified: 08/21/2012

| | Employee HCP | Non-Employee HCP |
|--|--------------|------------------|
| | | |

Data Analysis Features for HCP Influenza Vaccination Summary

Generating HCP Influenza Vaccination Summary Data

NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8081) | NHSN Home | My Info | Contact us | Help | Log Out

Logged into Pleasant Valley Hospital (ID 10312) as CVX9.
Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.

Generate Data Sets

HELP

Generate Healthcare Personnel Safety Analysis Data Sets

| Date Last Generated | Action |
|---------------------|---|
| Aug 21 2012 3:35PM | <input type="button" value="Generate New"/> |

Back

Message from webpage

? The current data sets will be overwritten.
Are you sure you want to continue?

- Go to “Analysis” and select “Generate Data Sets”
- Click “Generate New”
- Select “OK” when webpage message appears on the screen

HCP Influenza Vaccination Summary Data Analysis: Output Options

- ❑ Go to “Analysis” and “Output Options”
- ❑ Free-standing IPFs should click on the “HCW Vaccination Module,” “Influenza,” and “CDC Defined Output”
- ❑ IPF units within acute care/critical access hospitals should click on “HCW Vaccination Module,” “Influenza,” “IPF Influenza” and “CDC Defined Output”
- ❑ Click on “Run” to view the default output

Expand All Collapse All

- HCW Exposure Module
- HCW Vaccination Module
 - Influenza
 - CDC Defined Output
 - Line Listing - Number of HCP Working During Requ...more Run Modify
 - Line Listing - Number of HCP Vaccinated at This ...more Run Modify

Expand All Collapse All

- HCW Exposure Module
- HCW Vaccination Module
 - Influenza
 - IPF Influenza
 - CDC Defined Output
 - Line Listing - Number of HCP Working During Requ...more Run Modify
 - Line Listing - Number of HCP Vaccinated at This ...more Run Modify

HCP Influenza Vaccination Summary Data Analysis: Summary Counts

| orgID | summarySeason | summaryType | fluVaccSubtype | vaccType | empWorking | lipWorking | studVolWorking | conWorking | totWorkingNoCon | totWorkingWCon |
|-------|---------------|-------------|----------------|----------|------------|------------|----------------|------------|-----------------|----------------|
| 10312 | 2011/2012 | VACCSUMANN | SEASONAL | FLU | 400 | 10 | 10 | 7 | 420 | 427 |
| 10312 | 2012/2013 | VACCSUMANN | SEASONAL | FLU | 25 | 50 | 50 | 20 | 125 | 145 |

- ❑ **Totals are presented for each variable and for each season**
- ❑ **The user can view the total number of employees, LIPs, adult students/trainees and volunteers, and other contract personnel working during the required time period**
 - This example shows that 400 employees worked during the required time period during the 2011/2012 influenza season
 - 25 employees worked during the required time period during the 2012/2013 influenza season
- ❑ **Two overall totals are presented**
 - One number includes the total number of HCP working without other contract personnel (e.g., 420 HCP for the 2011-2012 influenza season)
 - One number includes the total number of HCP working with other contract personnel (e.g., 427 HCP for the 2011-2012 influenza season)

HCP Influenza Vaccination Summary Data Analysis: Percentages

| pctEmpVaccHere | pctLIPVaccHere | pctStudVolVaccHere | pctConVaccHere |
|----------------|----------------|--------------------|----------------|
| 50% | 20% | 0.0% | 43% |
| 40% | 20% | 30% | 15% |

- ❑ Percentages are presented for each variable
- ❑ The highlighted example indicates:
 - 50% of employees were vaccinated at this facility in 2011/2012
 - 40% of employees were vaccinated at this facility in 2012/2013
- ❑ The percentages in the highlighted example are created by:
 - Dividing the number of employees vaccinated onsite by the number of employees working during the required time period
 - Multiplying by 100 to obtain a percentage

HCP Influenza Vaccination Summary Data Analysis: Vaccination Compliance

Vaccination Compliance (excluding other contract personnel)

| orgID | summarySeason | totVaccHereEWNCon | totWorkingNoCon | pctVaccHereEWNCon |
|-------|---------------|-------------------|-----------------|-------------------|
| 10312 | 2011/2012 | 304 | 420 | 72% |
| 10312 | 2012/2013 | 105 | 200 | 53% |

- ❑ **The highlighted example for vaccination compliance indicates:**
 - 72% of HCP (excluding other contract personnel) were vaccinated in 2011/2012
 - 53% of HCP (excluding other contract personnel) were vaccinated in 2012/2013
- ❑ **The percentages for vaccination compliance are created by:**
 - Adding the total number of HCP who were vaccinated onsite to the total number of HCP who were vaccinated elsewhere (excluding other contract personnel)
 - Dividing the total number of HCP vaccinated (both onsite and elsewhere) by the total number of HCP working during the required time period (excluding other contract personnel)
 - Multiplying by 100 to obtain a percentage

HCP Influenza Vaccination Summary Data Analysis: Vaccination Non-Compliance

Vaccination Non-Compliance (excluding other contract personnel)

| orgID | summarySeason | totDecUnkNoCon | totWorkingNoCon | pctDecUnkNoCon |
|-------|---------------|----------------|-----------------|----------------|
| 10312 | 2011/2012 | 113 | 420 | 27% |
| 10312 | 2012/2013 | 70 | 200 | 35% |

- ❑ **The highlighted example for vaccination non-compliance indicates:**
 - 27% of HCP (excluding other contract personnel) were not vaccinated in 2011/2012
 - 35% of HCP (excluding other contract personnel) were not vaccinated in 2012/2013
- ❑ **The percentages for vaccination non-compliance are created by:**
 - Adding the total number of HCP who declined vaccination to the total number of HCP with unknown vaccination status (excluding other contract personnel)
 - Dividing this number by the total number of HCP working during the required time period (excluding other contract personnel)
 - Multiplying by 100 to obtain a percentage

The NHSN Website

Surveillance for Healthcare Personnel Vaccination

The Advisory Committee on Immunization Practices (ACIP) recommends that all healthcare personnel (HCP) and persons in training for healthcare professions should be vaccinated annually against influenza.[1] Persons who are infected with influenza virus, including those with subclinical infection, can transmit influenza virus to persons at higher risk for complications from influenza. Vaccination of HCP has been associated with reduced work absenteeism and with fewer deaths among nursing home patients and elderly hospitalized patients. Although annual vaccination is recommended for all HCP and is a high priority for reducing morbidity associated with influenza in healthcare settings, national survey data have demonstrated that vaccination coverage levels are only approximately 60% [2]. This is well below the Healthy People 2020 goal of 90% for HCP influenza vaccination [3].

On this Page

- Training
- Protocols
- Data Collection Forms
- CMS Supporting Materials
- Supporting Material
- FAQs

Visit:

<http://www.cdc.gov/nhsn/ipfs/vaccination/index.html>
for training materials

- ❑ Protocol (with Tables of Instructions)
- ❑ Forms
- ❑ Frequently asked questions (FAQs)
- ❑ Training slides and recorded trainings



Questions or Need Help?



E-mail user support at: nhsn@cdc.gov

Please include “HPS Flu Summary-IPF” in
the subject line of the e-mail