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Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

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July 28, 2016

Acronyms and Abbreviations

ACS ADCC	American College of Surgeons Alliance of Dedicated Cancer Centers
ACA	Affordable Care Act
AHRQ	Agency for Healthcare Research and Quality
AMA	American Medical Association
CAUTI	Catheter-Associated Urinary Tract Infections
CDC	Centers for Disease Control and Prevention
CCN	CMS Certification Number
CDI	Clostridium difficile Infection
CE	Continuing Education
CLABSI	Central Line-Associated Bloodstream Infection
CMS	Centers for Medicare & Medicaid Services
CPT	Current Procedural Terminology
CST	Cancer-Specific Treatment
CSV	Comma Separated Values
CY	Calendar Year
DACA	Data Accuracy and Completeness Acknowledgement
EBRT	External Beam Radiotherapy
FFS	Fee-For-Service
FY	Fiscal Year
Fxns	Fractions
Gy	Gray
HAI	Healthcare-Associated Infection
HCAHPS	Hospital Consumer Assessment of Healthcare Providers and Systems
НСР	Healthcare Personnel
HHS	Health and Human Services
HQR	Hospital Quality Reporting

ICD	International Classification of Diseases
IPF	Inpatient Psychiatric Facility
IPPS	Inpatient Prospective Payment System
IQR	Inpatient Quality Reporting
LabID	Laboratory-Identified
LTCH	Long-Term Care Hospital
MAP	Measure Application Partnership
MIF	Measure Information Form
MUC	Measures Under Consideration
N/A	Not Available
NIH	National Institutes of Health
NHSN	National Healthcare Safety Network
NQF	National Quality Forum
OCM	Oncology Care Measure
OQR	Outpatient Quality Reporting
PCH	PPS-Exempt Cancer Hospital
PCHQR	PPS-Exempt Cancer Hospital Quality Reporting
PQRS	Physician Quality Re[porting System
PR	Public Reporting
Q	Quarter
SBRT	Stereotactic Body Radiation Therapy
SC	Support Contractor
SCIP	Surgical Care Improvement Project
SRS	Stereotactic Radiosurgery
SSI	Surgical Site Infection
TEP	Technical Expert Panel
TBD	To be determined
TJC	The Joint Commission
VIQR	Value, Incentives, and Quality Reporting

Purpose

This presentation will provide a review of how facilities should collect and report HCP influenza vaccination summary data via the NHSN.

Objectives

Upon completion of this program participants will be able to:

- Explain how facilities can use the NHSN to report data
- Describe reporting requirements for HCP summary data
- Answer the most frequently asked questions related to reporting HCP summary data using the NHSN

Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Overview of NHSN

Purposes of NHSN (Slide 1 of 2)

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 (slide 2 of 2)

Enable healthcare facilities to report HAIs and prevention practice adherence data via NHSN to CMS in fulfillment of CMS' quality measurement reporting requirements for those data

A comprehensive list of purposes can be found on: <u>http://www.cdc.gov/nhsn/</u>

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
 - o Blood/Body Fluid Exposure Only
 - o Blood/Body Fluid Exposure with Exposure Management
 - o Influenza Exposure Management
 - HCP Vaccination Module
 - o 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

Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Overview of the HCP Influenza Vaccination Summary

HCP Influenza Vaccination Summary (1 of 2)

- 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 (2 of 2)

- Data are collected on denominator and numerator categories
 - Denominator categories:
 - HCP must be <u>physically</u> present in the facility for at least one working day between October 1 through March 31
 - Includes both full-time and part-time HCP
 - Employee HCP
 - 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 <u>required</u> to report all numerator categories for the three denominator categories

Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Getting Started in the HPS Component

Key Roles in NHSN

- Facility Administrator
 - The person who enrolled the facility into 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
 - 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

Activating the HPS Component (1 of 4)

Facilities that are <u>already enrolled</u> in NHSN and wish to participate in the HPS Component must <u>activate</u> the component within NHSN

Activating the HPS Component (2 of 4)

Are you unsure if your facility has activated the HPS Component?



Email <u>nhsn@cdc.gov</u>

Activating the HPS Component (3 of 4)

- 1. Facility Administrator logs into SAMS
 - a. https://nhsn2.cdc.gov/nhsn/
- 2. Click [NHSN Reporting]
- 3. From the Home Page, click [Facility] then [Add/Edit Component]
- 4. Check box next to Healthcare Personnel Safety
- 5. Facility Administrator adds [HPS] Component Primary Contact
 - a. Enter name, phone, email, and address for person to be contacted if CDC/NHSN has updates or questions about the HPS Component

爷 NHSN Home					
Alerts					
Reporting Plan					
HCW					
Lab Test					
Exposure					
Prophy/Treat					
Flu Summary					
Analysis					
Survoyo					
Surveys					
Users					
Facility					
Customize Forms					
Export Data					
Facility Info					
Add/Edit Component					
Locations					
Occupations					
Departments					
Supervisors					
Vaccinators					
Devices					
Group					
Log Out					

Activating the HPS Component (4 of 4)

- 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
 - \circ User ID created by the facility
 - \circ First Name
 - o Last Name
 - $_{\odot}\,$ Email Address Must be an active/correct address for the user
- Other users are added by the Facility Administrator or new HPS Component Primary Contact

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 Healthc	care Safety Network (apt-	v-nhsn-te	st:8081)		
NHSN Home	Logged into Pleasant Valley Hospital (ID 10312) as CVX9. Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.					
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New Users to NHSN

- Receive an invitation to register with the Secure Access Management Services (SAMS)
 - Automatically received after a new user has been added to a facility
- Complete and submit identity verification documents to CDC
- Access NHSN using SAMS credentials
- Note: Information about the process can be found at: <u>http://www.cdc.gov/nhsn/sams/abo</u> <u>ut-sams.html</u>

SAMS Grid Card Credentials

	Α	в	C	D	Ε	F	G	н	1	J	
1	Ε	Q	X	3	т	5	Ν	4	М	Q	1
2	E	3	K	6	J	М	9	F	8	6	2
3	C	1	6	М	3	J	н	М	P	Y	3
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5	8	6	7	W	6	J	5	M	P	X	5

Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

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:
 - <u>http://www.cdc.gov/nhsn/acute-care-hospital/hcp-vaccination/index.html#pro</u>
- 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 one working day between October 1 through March 31



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 <u>subtype</u> a: *Influenza <u>subtypea</u> : *Influenza <u>subtype</u> a:			ason ^b :	Date Last Modified:		
	Employe		Non-En	nployee 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

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

Note: Required

Denominator Categories:

Non-Employee HCP: Licensed Independent Practitioners

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.

Note: Required

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

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

Note: Required

Denominator Categories: Non-Employee HCP: Other Contract Personnel

- Defined as:
 - Persons providing care, treatment, or services at the facility through a contract

Note: Optional

- There are several types of personnel who provide direct care and non-direct services. Examples include:
 - Dialysis technicians
 - Occupational therapists
 - Admitting staff
 - Pharmacists

Note: Refer to Appendix A of the HCP Influenza Vaccination Summary Protocol for suggested list of contract personnel <u>http://www.cdc.gov/nhsn/PDFs/HPS-manual/vaccination/12-</u> <u>Appendix-A.pdf</u>

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-En
	*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		
 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		
 Number of HCP who have a medical contraindication to the influenza vaccine 		
5. Number of HCP who declined to receive the influenza vaccine		
 Number of HCP with unknown vaccination status (or criteria not met for questions 2.5 above) 		

Numerator Categories: Received Influenza Vaccination

- 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 email 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 with Contraindication to 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 six 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 or Had an Unknown Status

- Documentation is not required for reporting declinations
 - Verbal statements are acceptable
- HCP with unknown vaccination status
 - Or criteria not met for above-mentioned categories
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 <u>physically present</u> in the facility for at least one 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 (e.g., August) through March 31 of the following year are included in that category numerator

Notes on Reporting Requirements

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

Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Entering Data for the HCP Influenza Vaccination Summary

Required and Optional Reporting Forms

After 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

- Access the activity home page by clicking https://nhsn2.cdc.gov/nhsn/
- Enter your SAMS user name and password
- Enter SAMS grid card numbers



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

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.



Navigating NHSN (slide 1 of 2)

• Use NHSN buttons to navigate



• Do not use web browser buttons



Navigating NHSN (slide 2 of 2)

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



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 Logged into Pleasant Valley Hospital (ID 10312) as CVX9. 8 NHSN Home Facility Pleasant Valley Hospital (ID 10312) is following the HPS component. **Reporting Plan** HCW Lab Test Home Page Exposure Prophy/Treat Flu Summary D Add Find Incomplete Analysis and 242m(d)). Surveys Users NHSN maintenance may occur nightly Facility between 12am and 6am Eastern time. Group Log Out

NHSN Healthcare Personnel Safety Component

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,

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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 Summary"
 - 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 (slide 1 of 2)

- 1. Click [Reporting Plan], then [Add]
- 2. Select correct [Month] and [Year] from dropdown menus
- 3. Check box next to Influenza Vaccination Summary



Monthly Plan View (slide 2 of 2)

4. 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.
Alerts	· · · · · · · · · · · · · · · · · · ·
Reporting Plan	Add Monthly Reporting Plan
Add	// ····· / ······ / ······· / ·········
E Find	
1 Incomplete	Mandatory fields marked with *
HCW	Facility ID*: Pleasant Valley Hospital (ID 10312) 🔻
Lab Test	Month*: October
Exposure	Norse#1 0010
Prophy/Treat	Year": 2012 V
Flu Summary	No NHSN Healthcare Personnel Safety Modules Followed this Month
Analysis	
Surveys	Healthcare Personnel Exposure Modules
Users	Blood/Body Fluid Exposure Only
Facility	Blood/Body Fluid Exposure with Exposure Management
Group	
Log Out	Influenza Exposure Management
	Vealthcare Dercennel Vaccination Medule
	Innuenza vaccination Summary
	Save Back

HCP Influenza Vaccination Summary Form (slide 1 of 2)

- 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 (slide 2 of 2)

- 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
 Number of HCP who worked at this healthcare facility for at least 1 day between October 1 and March 31 				
 Number of HCP who received an influenza vaccination at this healthcare facility since influenza vaccine became available this season 				
 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				
 Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) 				

Table of Instructions

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

Data Fields	Instructions for Completion
Facility ID #	Required. The NHSN-assigned facility ID will
	be auto-entered.
Vaccination Type	Required. Influenza is the default and only
	current choice.
Influenza Subtype	Required. Seasonal is the default and only
	current choice.
Influenza Season	Required. 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	Required. Defined as all persons that receive a
on facility payroll)	direct paycheck from the healthcare facility (i.e.,
	on the facility's payroll), regardless of clinical
	responsibility or patient contact.
Non-Employee HCP:	Required. Defined as physicians (MD, DO);
Licensed independent	advanced practice nurses; and physician

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

HCP Influenza Vaccination Summary Data

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NHSN 7.0.0.5 Add Summary Da	ata	🟠 • 🖾 - 🖃 🖶 • Page • Safety • Tools •	@• "
CDC	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 Lo	g Out
* NHSN Home	Logged into Pleasant Valley Hospital (ID 10312) as CVX9. Facility Pleasant Valley Hospital (ID 10312) is following the HPS component.		
Reporting Plan	Add Summar	ry Data	
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Summary Report

- Influenza and Seasonal are the default choices for vaccination type and influenza subtype
- Select appropriate flu season in drop-down box (e.g., 2016–2017)



HCP Influenza Vaccination Summary Data Entry Screen

	Employee HCP	Non	-Employee H	ICP
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 $$				
2. Number of HCP who received an influenza vaccine at this healthcare facility since influenza vaccine became available this season				
 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)				



- 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 (slide 1 of 2)

- Click [Facility], then [Customize Forms]
- Complete all mandatory fields
- Enter [Label] and select [Type] and [Status]
- Click [Save] when finished

	Mandatory fields to "	Add" or "Edit" a record mai	rked with *	
Flu Summary	nanaacory notao co			
Analysis	Form Type*: CDC-Defin	ed - HPS - Flu Summary	•	
Surveys				
Users	Form *: Influenza V	accination Summary •		
Facility	Description*: VACCSUM	ANN		
Customize Forms	Status *: Active	•		
Export Data				
Facility Info				
Add/Edit Component	Define Custom Fields			
Locations	Delete Row(s) A	dd Row		
Occupations		Label	Туре	Status
Departments				
Supervisors	HCP NURSES		Numeric	Active
Vaccinators	HCP PHYSICIAN	S	Numeric	Active
Devices				
Group				
Log Out				
		Find	Save Clear	

HCP Influenza Vaccination Summary Data Entry Screen: Custom Fields (slide 2 of 2)

Custom Options

If 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	25	50	50	25
4. Number of HCP who have a medical contraindication to the influenza vaccine	0	50	50	25
5. Number of HCP who declined to receive the influenza vaccine	25	0	100	0
6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above)	0	0	0	0

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 (slide 1 of 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 (slide 2 of 2)

	Employee HCP	Non-Employee HCP			
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	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	
 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	0	5	3	
 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

TEST FIELD:

Comments



Click [Edit] to modify existing data

Saving HCP Influenza Vaccination Summary Data (slide 1 of 2)

HCP categories	Employees (staff on facility payroll)*	Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants*	Adult students/ trainees & volunteers*	Othe Contra Person
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
 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 OHELP TEST FIELD:				
	-	r.		
Save	ack			

Click [Save] to save the updated data

Saving HCP Influenza Vaccination Summary Data (slide 2 of 2)

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



Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Data Analysis Features for HCP Influenza Vaccination Summary

Generating HCP Influenza **Vaccination Summary Data**

	NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8081)) INHSN Home My Info Contact us Help Log Out
 NHSN Home Alerts Reporting Plan HCW Lab Test Exposure Prophy/Treat Flu Summary Analysis Generate Data Set Dutput Options Surveys Users Facility Group Log Out 	Logged into Pleasant Valley Hospital (ID 10312) as CVX9. Facility Pleasant Valley Hospital (ID 10312) is following the HP Generate Healthcare Personnel Safety Ana Date Last Generated Action Aug 21 2012 3:35PM Generate New" Clicking the "Generate New" Set generation. You may log o other areas of NHSN. When y will see a progress bar if still see a time completed.	S component. Data Sets Iysis Data Sets button will schedule your data out or continue to work in you return to this screen you processing, otherwise, you will
	Mess	age from webpage The current data sets will be overwritten Are you sure you want to continue?
		OK Can

- 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
- Click on the [HCW Vaccination Module], [Influenza], and [CDC Defined Output]
- Click on [Run] to view the default output

Analysis Output Options	2011	ponen
Expand All Collapse All		
HCW Exposure Module		
HCW Vaccination Module		
🗁 Influenza		
CDC Defined Output		
Line Listing - Number of HCP Working During Requmore	Run	Modify
Line Listing - Number of HCP Vaccinated at Thismore	Run	lodify
Line Listing - Number of HCP Vaccinated Outsidemore	Run	Moc
Line Listing - Number of HCP Reporting a Medicalmore	Run	Modify
Line Listing - Number of HCP Reporting a Declination	Run	Modify
Line Listing - Number of HCP with Unknown Vaccinmore	Run	Modify
Line Listing - <u>Percentage of HCP Vaccinated</u> at Tmore	Run	Modify
Line Listing - Percentage of HCP Vaccinated Outsmore	Run	Modify
Line Listing - Percentage of HCP Reporting a Medmore	Run	Modify
Line Listing - Percentage of HCP Reporting a Decmore	Run	Modify
Line Listing - Percentage of HCP with Unknown Vamore	Run	Modify
Line Listing - Percentage of Vaccination Compliance	Run	Modify
Line Listing - Percentage of Vaccination Non-Commore	Run	Modify
Line Listing - <u>Vaccination Compliance (excluding.</u> more	Run	Modify
Line Listing - Vaccination Compliance (includingmore	Run	Modify
Line Listing - Vaccination Non-Compliance (exclumore	Run	Modify
Line Listing - Vaccination Non-Compliance (inclumore)	Run	Modify

Healthcare Personnel Safety Componen

HCP Influenza Vaccination Summary Data Analysis: Summary Counts

orgID	summarySeason	summary Type	fluVaccSubtype	vaccType	empWorking	ipWorking	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	p	ctLIPVaccHere	pctStudVolVaccHere	pctConVaccHere
50%		20%	0.0%	43%
40%		20%	30%	15%
\smallsetminus				

- 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 Excluding Other Contract Personnel

orgID	summarySeason	totVaccHereEWNoCon	totWorkingNoCon	pctVaccHereEWNoCon
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 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

Modifying HCP Influenza Vaccination Summary Data (slide 1 of 2)

Line Listing - Number of HCP Working During Requ...more
 Line Listing - Number of HCP Vaccinated at This ...more



- To modify the default analysis output, users can click
 [Modify] next to the report they wish to modify
- Can export dataset and change output title and format
- Can use variable labels when viewing output



Modifying HCP Influenza Vaccination Summary Data (slide 2 of 2)

- Can add/remove variables from output by clicking [Modify List] (e.g., can remove variables for other contract personnel)
- Use arrows to move variables
- Use **Up** and **Down** to change the display order of the variables
- Click [Save] when finished

Use Variable Labels	Available Vari	ables	Selected Variable	s
Use Variable Labels	Ative Tir C PctempDecANDUnk conDec conMed conUnk conVaccEW conVaccHere createDate createUserID empDec empMed empUnk empVaccEW	All>>	orgID summarySeason summaryType fluVaccSubtype vaccType empWorking lipWorking studVoIWorking conWorking totWorkingNoCon totWorkingWCon	
vow Criteria Column + Row + Clear Criteria	fliVaccTypeDesc flivvaccTypeDesc flivvacctype hpsAnnSummaryID lipDec lipMed lipVaccEW lipVaccEW lipVaccHere modifyDate modifyUserID modifyUserID modifyVersion pctDecNoCon pctDecUnkNoCon	< All <<		Do
odify Variables To Display By Clicking <u>Modi</u>	y List	Save R	eset Close	
ecify Sort Variables By Clicking: Modify List			23	

The NHSN Website

National Healthcare Safety Network (NHSN)

NHSN

NHSN Login

About NHSN Enroll Here

Materials for Enrolled Facilities

Acute Care Hospitals/Facilities

Ambulatory Surgery Centers

 Surveillance for Healthcare Personnel Influenza Vaccination

Surveillance for SSI Events

Inpatient Rehabilitation Facilities

Inpatient Psychiatric Facilities

Long-term Acute Care Facilities

Long-term Care Facilities

Outpatient Dialysis Facilities

MDRO & CDI LabID Event Calculator

Ventilator-Associated Event Calculator

FAQs about Healthcare Personnel (HCP) NHSN > Materials for Enrolled Facilities > Ambulatory Surgery Centers



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 70% [2]. This is well below the Healthy People 2020 goal of 90% for HCP influenza vaccination [3].

References

- Centers for Disease Control and Prevention. "Prevention and control of seasonal influenza with vaccines: Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2009." MMWR 58. no. Early Release (2009):1-52.
- Centers for Disease Control and Prevention. "Influenza Vaccination Coverage Among Health-Care Personnel — United States, 2012–13 Influenza Season." MMWR 62(38);781-786. <u>http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6238a2.htm?s_cid=mm6238a2_w</u>. (Accessed August 26, 2014).
- 3. Healthy People 2020. Immunization and Infectious Diseases &. (Accessed June 15, 2012)

Resources for NHSN Users Already Enrolled

Training

HCP Influenza Vaccination Summary: General Training. [PDF - 3.5 MB] August 2014 General training slides on collecting and entering HCP Influenza Vaccination Summary data.

HCP Influenza Vaccination Summary: Ambulatory Surgery

On this Page

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

• FAQs

http://www.cdc.gov/nhsn/ac ute-care-hospital/hcpvaccination/index.html for training materials:

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

Questions or Need Help?



Email user support at: nhsn@cdc.gov

Please include HPS Flu Summary in the subject line of the email and specify PPS-Exempt Cancer Hospital

Important Upcoming Dates and Milestones

Upcoming 2016 Webinars

- August 25: FY 2017 PCHQR Final Rule
- September 22: PCH Analysis of LabID Event Reporting

Upcoming Data Submissions

- August 15: HAI, CST, SCIP, OCM, EBRT
- August 31: 2017 DACA
Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Continuing Education Credit

Continuing Education Approval

This program has been approved for 1.0 continuing education (CE) unit for the following professional boards:

- Florida Board of Clinical Social Work, Marriage and Family Therapy and Mental Health Counseling
- Florida Board of Nursing Home Administrators
- Florida Council of Dietetics
- Florida Board of Pharmacy
- Board of Registered Nursing (Provider #16578)
 - It is your responsibility to submit this form to your accrediting body for credit.

CE Credit Process

- Complete the ReadyTalk[®] survey that will pop up after the webinar, or wait for the survey that will be sent to all registrants within the next 48 hours.
- After completion of the survey, click "Done" at the bottom of the screen.
- Another page will open that asks you to register in HSAG's Learning Management Center.
 - This is a separate registration from ReadyTalk[®].
 - Please use your PERSONAL email so you can receive your certificate.
 - Healthcare facilities have firewalls up that block our certificates.

CE Certificate Problems?

- If you do not <u>immediately</u> receive a response to the email that you signed up with in the Learning Management Center, you have a firewall up that is blocking the link that is sent out.
- Please go back to the **New User** link and register your personal email account.
 - Personal emails do not have firewalls.

CE Credit Process: Survey

Thease provide any additional comments	
\bigcirc	
10. What is your overall level of satisfaction with this pre	sentation?
Very satisfied	
Somewhat satisfied	
O Neutral	
Somewhat dissatisfied	
Very dissatisfied	
f you answered "very dissatisfied", please explain	
^	
~	
1. What topics would be of interact to you for future pro-	contations?
T. What topics would be of interest to you for future pres	sentations ?
0	
	In the second
2. If you have questions or concerns, please feel free to	leave your name and phone number or email address and we will contact you.
12. If you have questions or concerns, please feel free to	leave your name and phone number or email address and we will contact you.
I2. If you have questions or concerns, please feel free to	leave your name and phone number or email address and we will contact you.
12. If you have questions or concerns, please feel free to	leave your name and phone number or email address and we will contact you.
12. If you have questions or concerns, please feel free to	Done
2. If you have questions or concerns, please feel free to	Done
If you have questions or concerns, please feel free to	Done

CE Credit Process

Thank you for completing our survey!

Please click on one of the links below to obtain your certificate for your state licensure.

You must be registered with the learning management site.

New User Link:

https://lmc.hshapps.com/register/default.aspx?ID=da0a12bc-db39-408f-b429-d6f6b9ccb1ae

Existing User Link:

https://lmc.hshapps.com/test/adduser.aspx?ID=da0a12bc-db39-408f-b429-d6f6b9ccb1ae

Note: If you click the 'Done' button below, you will not have the opportunity to receive your certificate without participating in a longer survey.

Done

CE Credit Process: New User

Learning Center Registration: OQR: 2015 Specifications Manual Update - 1-21- 2015
First Name: Last Name: Email: Phone:
Register

CE Credit Process: Existing User

H	HEATTH SERVICES ADVISORY GROUP		this is a secure site please provide credentials to continue
	8	Secure Login User Name: Password: Log In	
	_		

Using NHSN for Reporting Influenza Vaccination Coverage Among Healthcare Personnel

Closing Remarks