

## Using the “Line Listing – HCP Flu Vaccination Data for CMS IPPS and OPPS” Output Option

The NHSN Analysis Output Option, “Line Listing – HCP Flu Vaccination Data for CMS IPPS and OPPS” was created to allow facilities to review those data that will be submitted to CMS on their behalf. It’s important to keep in mind the following as you begin to use this report:

- a. These data will only be submitted for those facilities that are participating in the CMS Hospital Inpatient Quality Reporting (IQR) Program and Outpatient Quality Reporting (OQR) Program, as indicated by their CCN recorded in NHSN.
- b. This report will only include **in-plan healthcare personnel (HCP) influenza vaccination data for each influenza season**, starting with the 2012/13 season.
- c. This output option represents a line listing for each hospital, not each CCN. If your hospital shares a CCN, this line listing will only represent the data that your hospital has contributed to the overall vaccination data for all hospitals that share the CCN. You may wish to use the Group feature in NHSN to view HCP influenza vaccination data for the hospitals that share a CCN. More information about the Group function can be found at <http://www.cdc.gov/nhsn/group-users/index.html>.
- d. The data in this report will represent data current as of the last time you generated datasets. Note that data in the Provider Participation Report found on Quality Net are not updated simultaneously with your data in NHSN. **Data for each influenza season are frozen as of the final submission deadline date (May 15)**; any changes made to these data in NHSN after the final submission deadline will not be reflected in later months on the Provider Participation Report. If you have specific questions about the data appearing on your APU dashboard, please contact your QIO or the QIOSC at [QRSupport@HCQIS.org](mailto:QRSupport@HCQIS.org)
- e. The information in this document should be used in conjunction with the document, “Helpful Tips for Healthcare Personnel (HCP) Influenza Vaccination Reporting for the Centers for Medicare and Medicaid Services’ Hospital Inpatient Quality Reporting (IQR) Program and Outpatient Quality Reporting (OQR) Program,” available at <http://www.cdc.gov/nhsn/cms/index.html>.

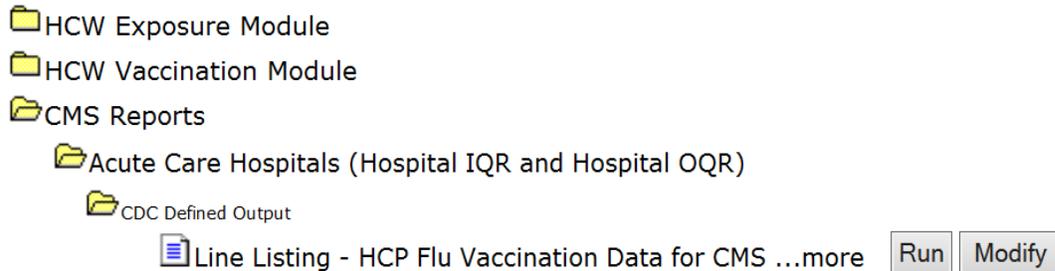
### Example of the “Line Listing – HCP Flu Vaccination Data for CMS IPPS and OPPS” Output Option:

1. On the NHSN Landing Page, select the Healthcare Personnel Safety (HPS) Component in the Component dropdown menu. All data entry and analysis for HCP summary influenza vaccination is done through the HPS Component.
2. Generate new datasets within the HPS Component to make sure that you are analyzing the most up-to-date data reported to NHSN by your facility. To generate datasets, go to Analysis > Generate Data Sets, and then click

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“Generate New.” If you have generated datasets previously, click the OK button on the pop-up window that is displayed to create new datasets with your facility’s most recent data.

3. Go to Analysis > Output Options, and navigate through the following folders: CMS Reports > Acute Care Hospitals (Hospital IQR and Hospital OQR) > CDC-Defined Output. Click “Run” next to “Line Listing – HCP Flu Vaccination Data for CMS IPPS and OPSS”, as shown below:



4. By default, the results will appear in a separate HTML window. If a second window does not appear, please be sure to check your pop-up blocker and allow pop-ups from \*.cdc.gov.
5. A single table titled “Line Listing for HCP Flu Vaccination Data for CMS IPPS and OPSS” will be presented in the pop-up HTML window. The table presents HCP vaccination data by influenza season, stratified by HCP category (employees, licensed independent practitioners, adult students/trainees and volunteers), and all three categories combined. This is the information that will be submitted to CMS for your facility.

Facilities have the option to report influenza vaccination of other contract personnel. If your facility chooses to report influenza vaccination data for other contract personnel, these data will not be displayed in the Line Listing and will not be sent to CMS. Also, please note that the numerator category of “unknown vaccination status” will not be displayed in the Line Listing and will not be sent to CMS.

Sample output for the “Line Listing – HCP Flu Vaccination Data for CMS IPPS and OPSS” output option is displayed below:

National Healthcare Safety Network

Line Listing for HCP Flu Vaccination Data for CMS IPPS and OPDS

As of: August 19, 2014 at 3:20 PM

Date Range: All HCW\_VACCFLUSUMCMS\_ACUTE

orgID	summarySeason	vaccType	personnelType	personnelTypeDesc	vaccTypeDesc	declinations	contraindications	vaccEW	vaccHere	working	pctVacc	totVacc	pctVaccCI
10238	2011/2012	FLU	Employee	Employees	Influenza	10	0	10	70	100	80%	80	71%, 87%
10238	2011/2012	FLU	LIP	Licensed Independent Practitioners	Influenza	2	3	5	40	50	90%	45	79%, 96%
10238	2011/2012	FLU	studVol	Adult Students/Trainees and Volunteers	Influenza	7	3	20	0	30	67%	20	49%, 82%
10238	2011/2012	FLU	All	All Healthcare Workers	Influenza	19	6	35	110	180	81%	145	74%, 86%
10238	2012/2013	FLU	Employee	Employees	Influenza	20	10	10	40	100	50%	50	40%, 60%
10238	2012/2013	FLU	LIP	Licensed Independent Practitioners	Influenza	10	10	10	10	50	40%	20	27%, 54%
10238	2012/2013	FLU	studVol	Adult Students/Trainees and Volunteers	Influenza	0	0	0	10	20	50%	10	29%, 71%
10238	2012/2013	FLU	All	All Healthcare Workers	Influenza	30	20	20	60	170	47%	80	40%, 55%

Total Hospital Healthcare Personnel Influenza Vaccination summary data includes employees in both inpatient units and outpatient departments beginning in the 2014/2015 influenza season.

The first three rows of the table display the HCP influenza vaccination data for each individual HCP category. The fourth row of the table displays the HCP influenza vaccination data for all three required HCP categories combined.

From the fourth row of this output, we can conclude the following for the 2011/12 influenza season:

- 110 HCP were vaccinated at the facility (*vaccHere*)
- 35 HCP were vaccinated outside of the facility (*vaccEW*)
- 145 total HCP were vaccinated (*totVacc*)
- 180 HCP worked at the facility for at least 1 day during the reporting period (*working*)
- The HCP influenza vaccination percentage for all HCP who worked at the facility for at least 1 day during the reporting period was 81% (*pctVacc*)
- The 95% confidence interval around the HCP influenza vaccination percentage was (74%, 86%) (*pctVaccCI*)
- 6 HCP reported a medical contraindication to the influenza vaccine (*contraindications*)
- 19 HCP declined influenza vaccine (*declinations*)

6. If this table is not displayed when you click the Run button, be sure that you have included HCP influenza vaccination summary reporting in your HPS Component monthly reporting plan for the influenza season of interest (Reporting Plan > Find) and that you have entered HCP influenza vaccination data for the influenza season of interest (Flu Summary > Find).

REMEMBER: When you make changes to your data, regenerate your datasets to review this output option with the most up-to-date data in NHSN.

