

## NHSN v8.2 (July 2014) Release Notes

Changes impacting all NHSN Components:	
<b>New Print option available for saved records</b>	<p>The “Print PDF” option in NHSN has been replaced by a new Print option. When reviewing a record through the “View” screen, click “Print Form”. A new pop-up window will open with the record’s details; clicking the Printer icon at the top of the pop-up screen will allow users to print the record.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <div style="text-align: center;">  </div> </div>
<b>Output Format for Output Sets</b>	<p>Users are now able to select the Output Format for any Custom Output set. The formats available are: HTML (default), PDF, CSV, RTF, and Excel.</p>
<b>NHSN Help has been updated</b>	<p>The NHSN Help Online Manual has been updated and once again incorporated into the NHSN application. To access various Help topics within the application, simply click the “Help” icon on any reporting page.</p>

Changes to the Patient Safety Component:	
<b>NEW Alerts and analysis options for Unusual Susceptibility Profiles</b>	<p>As mentioned in the June 2014 NHSN Newsletter, NHSN will now include alerts for twelve unusual susceptibility profiles when reported for in-plan events. In addition, users can obtain a line list and a frequency table of valid and pending unusual susceptibility profiles reported to NHSN. The output options can be found in the Advanced folder within the Pathogen-level Data sub-folder. The output will identify the profiles identified, the number of each, and in addition, whether the profile has been verified to be accurate or if the profile is pending verification.</p> <p>For more information about these alerts, including the list of profiles, please see: <a href="http://www.cdc.gov/nhsn/PDFs/USP-Alert-current.pdf">http://www.cdc.gov/nhsn/PDFs/USP-Alert-current.pdf</a></p>

<p><b>Automatic update to Conferred Rights when location is added</b></p>	<p>When a facility adds a new location in NHSN that is already covered by an existing defined right from a group, the facility’s confer rights screen will be automatically updated with the new location. The facility will be alerted to this update upon creating a new location, however no action will be required by the facility to re-accept the group rights with the new location.</p>
<p><b>Modified format of .csv Procedure Import File</b></p>	<p>Users can now use one of two methods to import procedure data via CSV file: 1) If the CSV file is imported without a header row, the data must be in the same order as described in the import documentation found on the NHSN website at <a href="http://www.cdc.gov/nhsn/PDFs/ImportingProcedureData_current.pdf">http://www.cdc.gov/nhsn/PDFs/ImportingProcedureData_current.pdf</a> ; 2) if the CSV file is imported with a header row, the data can be entered in any order. Details regarding this second method will be posted on the NHSN website soon. In the meantime, facilities that wish to begin importing procedures via a .csv file are encouraged to use the first method.</p>
<p><b>Update to ASA Score description</b></p>	<p>The descriptions supplied with each ASA score in NHSN have been updated to reflect the current descriptions defined by the American Society of Anesthesiologist’s Classification of Physical Status.</p>
<p><b>Increased upper weight limit for procedures</b></p>	<p>Users can now enter a patient weight up to 999.9 lbs when reporting procedure-level data.</p>
<p><b>Patient Safety Analysis Updates</b></p>	
<p><b>CMS Reports Output Option Folder has been moved</b></p>	<p>The “CMS Reports” output option folder has been moved and now appears <u>above</u> the “Advanced” folder on the Output Options screen. In addition, subfolders have been created for each CMS Reporting Program:</p> <div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> <li>■ Device-Associated Module</li> <li>■ Procedure-Associated Module</li> <li>■ MDRO/CDI Module - Infection Surveillance</li> <li>■ MDRO/CDI Module - LABID Event Reporting</li> <li>■ MDRO/CDI Module - Process Measures</li> <li>■ MDRO/CDI Module - Outcome Measures</li> <li>■ Antimicrobial Use and Resistance Module</li> <li>■ <b>CMS Reports</b> <ul style="list-style-type: none"> <li>■ Acute Care Hospitals (Hospital IQR)</li> <li>■ Inpatient Rehabilitation Facilities (IRFQR)</li> <li>■ Long Term Acute Care Hospitals (LTCHQR)</li> <li>■ PPS-Exempt Cancer Hospitals (PCHQR)</li> </ul> </li> <li>■ Advanced</li> <li>■ My Custom Output</li> <li>■ Published Output</li> </ul> </div>

<b>SSI SIR added for PPS-Exempt Cancer Hospitals</b>	PPS-Exempt Cancer Hospitals can now run SSI SIRs specific to the PPS-Exempt Cancer Hospital Quality Reporting Program requirements. This output option can be found in CMS Reports > PPS-Exempt Cancer Hospitals (PCHQR) output options folder.
<b>Removed risk model calculation for procedures with “Other” closure type</b>	In January, 2014, NHSN began collecting information on whether a procedure was primarily closed. At that time, current risk models were applied to all procedures; those procedures with a closure technique of “Other” were then appropriately dropped from the final SIR calculations. With NHSN 8.2, procedures with a closure technique of “Other” will no longer have a risk model value calculated, and these procedures will continue to be excluded from the SIRs and the SSI rate tables.

<b>Changes to Dialysis Event reporting:</b>	
<b>New Dialysis Component</b>	<p>The new Dialysis Component will be added to NHSN in July 2014, allowing NHSN users of “AMB-HEMO—Outpatient Hemodialysis Center” facility types to report dialysis events to their own module. NHSN users will no longer report dialysis events to the Patient Safety Component in NHSN, and will select “Dialysis” from the “Select component” drop-down menu on the NHSN landing page if they report under more than one component in NHSN. Users who solely report dialysis events to NHSN will be taken directly to the Dialysis Component upon logging into NHSN.</p> <p>Analysis and Reports in the Dialysis Component will be pertinent to dialysis facilities only and will be organized in a user-friendly and logical manner. Hospital reports will be excluded entirely from the Analysis and Reports feature under the Dialysis Component.</p> <p>Searching for dialysis events will be made easier by allowing users to search events by specific event type on the “Find Event” screen and selecting “DE – Dialysis Event” from the “Event Type” dropdown menu (i.e., searchable by positive blood culture, IV antimicrobial start, and/or pus, redness, and increased swelling at vascular access site).</p>
<b>Expansion of “Add Event” Option</b>	<p>Users will be able to report three different event types through the “Add Event” screen. These include:</p> <ol style="list-style-type: none"> <li>1. DE - Dialysis Event</li> <li>2. CLIP – Central Line Insertion Practices</li> <li>3. FLUVAXDP – Influenza Vaccination Dialysis Patient</li> </ol>
<b>New Summary Data Options</b>	<p>Users will be able to select one of three different summary data types to report upon. These include:</p> <ol style="list-style-type: none"> <li>1. Denominators for Outpatient Dialysis - Census Form</li> <li>2. Outpatient Dialysis – Influenza Vaccination Denominators</li> <li>3. Prevention Process Measures – Hand Hygiene</li> </ol>
<b>Confer and Define Rights</b>	<p>Along with the launch of the new component, the Define Rights template for Group users will automatically transition from the Patient Safety Component to the Dialysis Component, without any additional work by the user. Therefore, data sharing agreements between Groups and facilities will not change with the transition from Patient Safety to the Dialysis Component. Additionally, if a facility adds a new reporting location, their Confer Rights template will automatically update to include the new location.</p>

	Groups with a mix of facility types and any Define Rights selections non-specific to dialysis will have two Define Rights templates: Dialysis and Patient Safety. Other component templates (e.g. Healthcare Personnel Safety) will be maintained as-is.
<b>New <u>Optional</u> Influenza Vaccination Dialysis Patient Module Reporting</b>	<p>The Dialysis Patient Influenza Vaccination Module monitors all dialysis facility patients receiving in-center hemodialysis, home hemodialysis, and peritoneal dialysis, who are 6 months or older. Dialysis facilities will have the option of tracking seasonal and non-seasonal influenza vaccinations among all dialysis patients on a monthly basis. To get started, “FLUVAXDP – Influenza Vaccination Dialysis Patient” should be selected under “Patient Vaccination” on the Dialysis Monthly Reporting Plan. Data are entered by selecting the “Event” and “Add” options on the navigation menu, then selecting “FLUVAXDP – Influenza Vaccination Dialysis Patient” from the “Event Type” dropdown menu.</p> <p>Influenza vaccination summary data should also be entered in NHSN by selecting the “Summary Data” and “Add” options, then “Outpatient Dialysis – Influenza Vaccination Denominators” from the dropdown menu.</p> <p>When vaccinations for more than one subtype are recommended during a season, denominator data should be reported separately for each vaccination subtype (i.e., seasonal and non-seasonal). For the first month of reporting, facilities should report the total patient census, by patient dialysis modality (i.e., in-center hemodialysis, home hemodialysis, or peritoneal dialysis). In the following months of the vaccination campaign, facilities should count new patients only.</p>
<b>Prevention Process Measures – Hand Hygiene</b>	<p>Hand Hygiene data previously entered for any “AMB-HEMO” facility type in the Multi-Drug Resistant Organism (MDRO) summary data module will be transferred to the new Dialysis Component without any additional work by the user.</p> <p>(Patient Safety) hhPerformed = (Dialysis) hhSuccess  (Patient Safety) hhIndicated = (Dialysis) hhOpport</p>
<b>Robohelp Content and Help Icons</b>	Dialysis content for the Dialysis Component Robohelp is being added. Help icons on most Dialysis screens are linked to comprehensive content that is specific to Dialysis.
<b>Use Variable Labels</b>	The “Use Variable Labels” checkbox is now checked by default when running reports in the Dialysis Component. Users will be able to easily interpret variables in the reports.

### **Changes to the Healthcare Personnel Safety Component:**

<b>Healthcare Personnel Vaccination Module</b>	<p>New functionality has been added to enable IRF units mapped as locations of an acute care hospital to enter individual monthly reporting plans and submit summary influenza vaccination data separately to fulfill the CMS Inpatient Rehabilitation Facility Quality Reporting Program (IRF QRP) Requirements.</p> <p>Acute care hospitals with IRF units mapped as locations can now view data submitted in fulfillment of the CMS IRF QRP Requirements separately from the acute care hospital data.</p>
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Line lists have been created for CMS reporting on healthcare personnel summary influenza vaccination data for inpatient rehabilitation facilities, long term acute care hospitals, and ambulatory surgical centers.

### Changes to the Biovigilance Component:

<b>Incomplete/Missing Lists Update</b>	The tabs for Missing Incident Summary, Incident Summary and Events Entered, and Missing High Priority Incidents have been removed from the alerts screen. Also, users will now be able to add missing Adverse Reaction and Incident forms directly from the alerts screen.
<b>Annual Facility Survey Print PDF Defect</b>	Some users experienced a defect on the Annual Facility Survey where question 8 answer choices were not displayed correctly on the 'Print PDF Form' link. This defect has been resolved. Users can now click the "Print Form" link on the upper right-hand corner to print the form after it has been completed.

### Changes to the Long Term Care Component:

<b>NEW Analysis Output Options</b>	Various analysis output options have been added to the Long Term Care Component, including a line list and rate tables for process measures and event- and summary-level line lists and frequency tables.
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### Changes impacting facilities reporting via Clinical Document Architecture (CDA):

<b>Antimicrobial Resistance option now available through CDA</b>	<p>NHSN is now able to accept CDA imports for Antimicrobial Resistance (AR) numerator and denominator. The CDAs are based on the NHSN HAI R1 Normative Implementation Guide. There is no manual entry for AR data.</p> <p>Two analysis reports are available for AR data using the analysis functionality within NHSN: a line listing of AR Events, and a facility-wide antibiogram table. The antibiogram table displays the percent of isolates that tested non-susceptible for each applicable organism-antimicrobial pairing across all locations in the facility. Additional analysis options for AR data will be available in future releases of NHSN.</p> <p>Details regarding the AR option of the Antimicrobial Use and Resistance (AUR) Module can be found here: <a href="http://www.cdc.gov/nhsn/acute-care-hospital/aur/index.html">http://www.cdc.gov/nhsn/acute-care-hospital/aur/index.html</a>.</p>
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## Changes impacting NHSN Groups:

<p><b>Patient identifier options added to Define Rights Template</b></p>	<p>Groups using NHSN are now able to request access to additional patient identifiers via the Define Rights Template. As a reminder, once a Group updates the Define Rights Template, all facilities joined to that group will receive an alert to review and accept the updated Rights.</p>
<p><b>NEW Facility User Output Option</b></p>	<p>A new output option has been added to NHSN that allows all Group users to obtain a line list of users for each facility joined to the group. This line list is available in the Advanced &gt; Facility-level Data output options folder.</p>
<p><b>Changes to PS Exported Output Datasets</b></p>	<p>Variables have been added to the output datasets for rates and SIRs. These new variables are:            CCN            factype (Facility type)            medType (Medical affiliation type)            State</p> <p>In addition, a defect was fixed related to the extraneous variables that had been previously included in select SIRs and rate tables. In NHSN 8.3., output datasets exported from the Patient Safety Component will now include only those variables that are also included in the default HTML Output.</p>
<p><b>CDC location code added to Membership Rights line list</b></p>	<p>The CDC location code (i.e., <b>locCDC</b>) has been added to the Membership Rights line list for all location-specific rights within the analysis dataset.</p>