NHSN v12.0.0 Release Notes
December 16, 2023

Changes to All Components	
Pathogen Code Updates	There are major changes for Pathogen Codes 2024. Synonyms (column header: Term Type = S) will no longer be maintained in the IDM (i.e., all existing synonyms will be marked I for inactive in the IDM). Synonyms will no longer be displayed in the application drop-down list. Instead, an interactive web-based browser is being configured to enable NHSN users to identify any synonym in SNOMED CT (U.S. Edition 2022-09) for the 2,278 active concepts in our Pathogen Codes 2024 resource. A supplemental terminology artifact will also be provided that lists all synonyms associated with the 2,278 SNOMED CT terms in Pathogen Codes 2024. This resource will be a companion file to the IDM.
Facility Information	A business rule was changed when entering the CCN for a facility. If a CCN has never been entered, users can enter a CCN regardless of the effective date. If the effective date of the CCN is more than 9 months in the past, a soft alert will display when the user tries to edit or delete the CCN.

Changes to Biovigilance Component (BV)	
ISBT Code Updates	This is the annual, reoccurring update for the ISBT 128 codes. These will be used to identify the blood product that was associated with a reported adverse reaction.
Analysis and Reporting	The SAS programs that create the following BV datasets opens at least one dataset which they do not close before the end of the program: BVHemoIncSummary, BVHemoSummaryComp, and BVPatientsEncrypt. A modification was made to the SAS program to close every dataset that is opened which improves the performance of the dataset generation.

Changes to Dialysis Component (DIAL)	
Annual Survey	There are a few changes and updates to text for the Dialysis component annual surveys: 1. Updates to the Outpatient Dialysis Center Survey
Dialysis Event	Updates have been made to the 2024 Dialysis Event Form (57.502) to remove the question "Patient's dialyzer is reused?" from under the Risk Factor section. The change should occur on the forms dated 1/1/2024 and forward. Updates have been made to the 2024 Denominators for Dialysis Event Surveillance - Census Form (57.503). The question "Number of patients for whom dialyzers are reused" under the Vascular Access section is to be removed due to no longer being relevant. The removal should occur on the form dated 1/1/2024 and forward.

Changes to Dialysis Component (DIAL)

Analysis and Reporting	The SAS programs that create the Dialysis dataset, events_dial, opens at least one dataset which they do not close before the end of the program. A modification was made to the SAS program to close every dataset that is opened which improves the performance of the dataset generation.

Changes to Healthcare Personnel Safety Component (HPS)

COVID-19 Vaccination	The primary series questions were removed for the HPS HCP vaccination forms because primary series have been phased out and is no longer a current vaccination concept for COVID-19. These changes will occur in both the summary and person-level forms. In January 2024, all CMS QRP programs will have switched over to asking about up to date, rather than primary series data.

Changes to Long Term Care Component (LTC)

Annual Survey	There were modification changes for some wording in the form and to Question #2 and #6 through #9. Questions (2; 6-9) are being modified to: (1) include pathogens that affect nursing home populations and (2) align with CDC considerations for use of enhanced barrier precautions (EBP) in skilled nursing facilities for MDRO's. The modifications to the questions will enable facilities to accurately reflect these data in the annual facility survey and will not change the mapping to the individual core elements.
COVID-19 Vaccination	The primary series questions were removed for the LTC HCP vaccination forms because primary series have been phased out and is no longer a current vaccination concept for COVID-19. These changes will occur in both the summary and person-level forms. In January 2024, all CMS QRP programs will have switched over to asking about up to date, rather than primary series data.
Analysis and Reporting	The Analysis Dataset (ADS), ltcSurvey, was updated to reflect the changes for the LTC Annual Survey. For the LTC RIFC Influenza / Respiratory Syncytial Virus (RSV) Census Data, a new Analysis Dataset (ADS) was added and is named LTC_ FLURSV . Changes were made to the Analysis view as follows: 1. Treeview Folder "COVID-19 Module" is being renamed to "COVID-19/Respiratory Pathogen Module". 2. New Treeview Subfolder within the renamed Folder placed immediately under the existing "Therapeutics" Folder and called "Influenza/RSV". The SAS programs that create the LTC dataset, ltcorg, opens at least one dataset which they do not close before the end of the program. A modification was made to the SAS program to close every dataset that is opened which improves the performance of the dataset generation.

Changes to Neonatal Component (NEO)	
Annual Survey	Updates were made to the Annual Hospital Survey, FACSRV-PS Survey, which is applicable to both Patient Safety and Neonatal Components.

Changes to Outpatient Procedure Component (OPC)	
Analysis and Reporting	New variables have been added to the Analysis Dataset, OP_Facility, for the Facility Geolocation and the most recent effective dates for the CCN History.

Changes to Patient Safety Component (PS)	
Annual Surveys	There are changes to the PS component annual surveys – there are new questions, revision to existing questions, new business rules; there are also updates to associated Analysis reports . 1. Patient Safety Annual Survey 2. LTACH Annual Survey 3. IRF Annual Survey 4. Mini IRF Annual Survey
Antimicrobial Use and Antimicrobial Resistance	Updated the AU Option drugs and the AU CDA for 2024. 1. Added three drugs: Add REZA-Rezafungin, SULDUR- Sulbactam/Durlobactam, and NIRS-Nirsevimab. These drugs were added to the VAE calculator and the PedVAE list of antimicrobials. 2. Removed two drugs: GEMIF – Gemifloxacin and QUINWD - Quinupristin with Dalfopristin. These drugs were removed from the VAE calculator and the PedVAE list of antimicrobials. Change is effective for January 1, 2024, date forward. There is associated A&R. The AR Option drug panels were updated for specimens collected 1/1/2024 and forward. The AR Event Enterococcus panel (AntiP23) was updated to include the high level (synergy) test LOINC for gentamicin and streptomycin.
ICD-10 PCS and CPT Code Updates	Annual ICD-10 PCS and CPT code updates for procedure denominators and SSI events dated 1/1/2024 and going forward
Denominators and Summary	The CDI testing question was updated on the March, June, September, and December FacWideIN monthly denominator submission. The options in the drop down menu remain the same. This will impact datasets pulled for CD LabID event reporting starting with January 2024. This will be effective January 1, 2024, for all settings**.**
Digital Quality Measure Reporting Plan	A soft alert will display for facilities that attempt to add a new test type to an existing digital measure reporting plan when there is already a test type assigned for the HT-CDI measure for the desired start month. **Note: this is only available for participating beta facilities.**

Analysis & Reporting Changes to Patient Safety Component (PS)	
Facility Information	The Analysis Dataset, Facility, was updated to accommodate CCN history by adding an acknowledge flag for each CCN and a 6th set.
Respiratory Pathogens Surveillance (RPS)	For the Digital Quality Measure (dQM), Respiratory Pathogens Surveillance (RPS), the following Analysis Datasets were created: • rpsPatCensus • rpsPatPosLab • rpsPatMedOrd • rpsPatC19 • rpsPatFLU • rpsPatRSV
COVID-19/Respiratory Pathogens	Updated the Analysis Dataset to include the new data element categories for Influenza and RSV: new admissions, current hospitalizations, and ICU hospitalizations, stratified by pediatric and adult patient groups.
Geolocation Information	Added geolocation data to all Analysis Datasets which already contain facility address.
Analysis and Reporting	The SAS programs that create the PS datasets, events and pssummary, opens at least one dataset which they do not close before the end of the program. A modification was made to the SAS program to close every dataset that is opened which improves the performance of the dataset generation.