NHSN v10.0.0 (September 18, 2021) Release Notes

Changes to All Components	
Enrollment	There is a new a soft alert after selecting No to "Acitve in Prior Year" prompting the enrollee to confirm the selection if he selects No. The alert notifies the user that there is an impact if selecting No. This CR affects all components where the "Active in Prior Year" radio button is enabled: BV, HPS, LTCF, NEO, OPC, PS
COVID-19	1. For COVID-19 vaccination reporting for LTC staff, the categories of staff types has been updated to align/synchronize with the categories used in the Health Personnel Safety Component. There is impact to Analysis and Reporting 2. To help improve data quality, for the COVID -19 weekly vaccination forms, there are updated business rules regarding optionality vs required and for requiring added vigor to make sure the submitted numbers make sense. This change affects both the user interface and the .csv upload functionality. This CR updates the business rules for COVID-19 vaccination data reporting component for LTCF(resident) and Dialysis modules to be consistent with changes made to LTCF (staff) and HPS modules in a previous release. There is impact to Analysis and Reporting 3. For LTC component Resident Demographics and LTC Point of Care reporting tool for COVID-19 test results, Race and Ethnicity will have two new selections, "Declined to Respond" and "Unknown". If either of these is selected to true race/ethnicity codes will be disabled. If a true race/ethnicity is selected, these new codes will be disabled. The user will need to de-select to re-enable the entire set of codes. 4. For HPS and LTC, there are additional questions on the COVID -19 weekly vaccination summary for submitting data for additional vaccination doses after a person has completed their full primary series. There is impact to Analysis and Reporting 5. For Dialysis component, there are additional questions on the COVID -19 weekly summary for submitting data for additional vaccination doses after a person has completed their full primary series. There is impact to Analysis and Reporting
Analysis and Reporting	The list of available and usable formats for data export has been updated.

Neonatal Component	
Patient Denominator and associated Event(s) only via CDA	There is a new component that can be followed by HOSP facilities, the Neonatal Component and the associated modules of Late Onset Sepsis and Meningitis in neonates. Data entry submissions will be limited to patient denominators and patient events for babies that meet specific criteria; there will not be a UI for data entry as all data entry for patient denominators and patient events will be done via CDA imports using the R3-D4 CDA Implementation Guide. The user interface also contains the base functionality to maintain your facility information and monthly reporting plans. Analysis and Reporting will not be deployed with this initial rollout; Analysis and Reporting is planned for NHSN release 10.0.1 in late October 2021. 1. NHSN Release 10.0 will be introducing the new Neonatal Component with event types Late Onset Sepsis and Meningitis 2. This will be only CDA for Denominators and Events, there will be no manual data entry of this type of data for this component. Manual data entry will be limited to setting up Users, Locations, Monthly Reporting Plans, etc., etc.,

Changes to Patient Safety Component	
PedVAE Event	There are some updates to list of antimicrobial agents in PedVAE event type and the VAE calculator has also been updated.
Antimicrobial Use and Resistance	1. CDA imports now support report no AR (events) in the AR Summary CDA - using the CDA R3-D4 IG 2. CDA Imports now support reporting ,using the AR Option Summary, data from outpatient locations (24 Hour Observation Unit, Adult Emergency Department, Pediatric Emergency Department) - using the CDA R3-D4 IG. If these locations are listed in the AR Option reporting plan, facilities must upload both AR Summary data and AR Events (if identified). This change affects Analysis and Reporting.

Analysis & Reporting Changes to Patient Safety Component	
AU Option Data Dashboard	A new Targeted Assessment for Stewardship (TAS) dashboard has been created for the AU Option data. This dashboard is like the HAI Targeted Assessment for Prevention (TAP) dashboard and displays a cumulative attributable difference (CAD) metric for facilities. AU-CAD values can be generated for all SAAR-eligible locations (adult, pediatric, & neonatal). The dashboard includes displays for all SAAR types and SAAR locations. There are placeholders for similar reports available through Analysis and Reporting. Running the TAS Reports will produce a blank screen until they are implemented in an upcoming release.

SAAR; VAE SIR/SUR and Other reports	1. A column for the SAAR percentile (calculated using 2019 AU data) was added to the location-specific SAAR reports currently available in NHSN:
	    a. SAAR Report – All Adult and Ped SAARs by Location (2017 Baseline)
	    b. SAAR Report – All Neonatal SAARs by Location (2018 Baseline)
	2. "VAEplan" variable is added to the drop-down variable list of 'Filters' in the 'Modify Report' tab of SIR, SUR, Rate Table and Run Chart analysis reports of Ventilator-Associated Events (VAEs).

Changes to Biovigilance Component	
Adverse Reaction Event	For Analysis and Reporting, filters on all output types that don't currently show the display filters will now be visible.

Changes to Dialysis Component	
Analysis and Reporting	1. The locCDC dropdown list on Filters tab and add dropdown menu for locCDCDesc is now alphabetized

Changes to Dialysis Component	
	2. The weekly covid19 dialysis patient line lists (summary and detail) includes the following variables from dialcovid19_c19_pat_vaccsum include: totPatVaccPartial; totInCentPatVaccPartial; totHomePatVaccPartial; pctPatVaccPartial
	3. Dropdown properties for Dial_COVID19_VaccSUM_Pat and Dial_COVID19_VaccDET_Pat analysis datasets in Dialysis A&R have been defined. Dropdowns are now provided for all variables in these datasets which have vocabularies, and in the case of the COVID19Vaccine variable that dropdown, include the contents of both the C19Vaccine valueset, and C19faccineAddtlDos valueset so the user can filter for either COVID-19 vaccines in the original series or for additional doses.

Changes to Healthcare Personnel Safety Component	
Monthly Reporting Plan	The COVID-19 weekly vaccination summary is now a part of the MRP. The MRP is set up to allow/require separate reporting for Hospitals, and associated CMS certified IRF and IPF locations. If a facility has CME certified IRF and IPF locations vaccination counts must be reported separately from the facility wide Hospital count. There is impact to Analysis and Reporting.

Changes to LTCF Component	
COVID-19	1. New test devices have been added to the Point of Care dropdown menus
	2. New business rule(s) to provide better data quality for test types and vaccination status questions in RIFC pathway have been added.
	3. For weekly submissions, there are updates to the RIFC form with Addition of breakthrough questions after 3rd dose of Pfizer, Moderna, Unspecified Vaccine. There is an impact to Analysis and Reporting

Changes to Outpatient Procedure Component	
Procedure Denominator	For OPC, the requirement to provide a CPT code for custom procedures has been removed. Only NHSN defined procedure denominators will require the submission of a CPT code.