Appendix A. Table of Instructions: Antimicrobial Use Option

Data Field	Data Field Description
Facility OID[a]	Required. Must be assigned to facility and included in the CDA data file prior to submission to NHSN.
Application OID[b]	Required in 2021. Must be assigned to a vendor's software application and included in the AU CDA data file prior to submission to NHSN. The Application OID should be obtained by the software vendor and is distinct from the Facility OID.
SDS Validation ID	Required in 2021. The Synthetic Data Set (SDS) Validation ID will be provided to the AU CDA vendor by the AUR Module Team upon confirmation that the AU Summary SDS Excel file passed validation as part of the AU SDS initiative.[c]
Vendor Software Name	Optional. Vendor software name is the name of the software application that generates the AU CDA file. NHSN collects this information to more effectively troubleshoot CDA files when needed.
Software Version	Optional. Software version is the version of the software application that generates the AU CDA file. NHSN collects this information to more effectively troubleshoot CDA files when needed.
Vendor Name	Optional. Vendor name is the name of the vendor that owns the software application that generates the AU CDA file. NHSN collects this information to more effectively troubleshoot CDA files when needed.
Month	Required. Record the 2-digit month during which the data were collected for this location.
Year	Required. Record the 4-digit year during which the data were collected for this location.
Location	Required. The patient care location for which the data are being uploaded.
Numerator: Antimicrobial days per month per location	Required. Antimicrobial days are defined as the aggregate sum of the days of therapy for which a <u>specific</u> antimicrobial was administered. These are required to be extracted from electronic medication administration record (eMAR) and/or bar coding medication record (BCMA). Antimicrobial days are collected for select antimicrobial agents (refer to <u>Appendix B</u>) and stratified by route of administration.
Denominator(s): Days present	Required. Days present are defined as risk for antimicrobial exposure per each day of the calendar month stratified by location. For patient care location-specific analyses, days present is calculated as the number of patients who were present for any portion of each day during a calendar month for a patient care location. For facility-wide inpatient analyses, days present are calculated as the number of patients who were present in an inpatient location within the facility for any portion of each day during a calendar month.
Admissions	Admissions are defined as the aggregate number of patients admitted to an inpatient location within the facility (facility-wide inpatient) starting on first day of each calendar month through the last day of the calendar month. A patient is counted as an admission when they arrive in an NHSN designated inpatient location regardless of patient status (for example, inpatient, observation). Further, a patient admitted to an inpatient unit would be counted as an admission even if they were discharged that same calendar day. In the

Data Field	Data Field Description
	AU Option, admissions are only reported for facility-wide inpatient. Please note, the admissions definition used in the AUR Module is different than the definition used in the NHSN MDRO/CDI Module.

[a] Facilities interested in submitting data to NHSN via CDA must obtain a Facility OID (object identifier). More information on how to obtain an OID for your facility can be found on the CDA Submission Support Portal.

[b] Starting in 2021, AU CDA files will be required to include an Application OID (object identifier) as part of the AU Option Synthetic Data Set initiative. More information on how to obtain an Application OID can be found on the Vendor (Application) Objected Identifier (OID) page.

[c] More detailed information about the AU Synthetic Data Set validation process can be found on the CDA Submission Support Portal's Innovation Tools page.