



## Antimicrobial Use and Resistance (AUR): Microbiology Laboratory Data Monthly Electronic Upload Specification Tables

These data will be collected in an aggregate monthly electronic file transfer from the facility to NHSN via Clinical Document Architecture (CDA).  
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<b>Table 1. CDA File Descriptors</b> <i>These data elements will be transmitted with each month's report.</i>		
Variable Name	Description of Variable	
orgid	NHSN Facility ID number	
location	NHSN location code	
month	Denominator month	
year	Denominator year	
<b>Table 2. Isolate Event Details</b> <i>These data elements will be transmitted with each month's report.</i>		
Variable Name	Description of Variable	Examples
eventID	Event ID number	
specimenDate	Date specimen collected	
specimenSource	Specimen Source	Blood, lower respiratory, urine, cerebral spinal fluid
specBodySite	Specimen Body Site/System	
isolateID	Isolate identifier	
facilityAdmitDate	Date admitted to facility	
admit	Was patient admitted to an inpatient location	Y/N
specimenLoc	Location of specimen collection	
pathogen	Identified pathogen	
PtDOB	Patient date of birth	
PtGender	Patient gender	
PtID	Patient ID number	
<b>Table 2a. List of Eligible Pathogens</b> <i>This is the list of pathogens that will be accepted into NHSN as part of the antimicrobial resistance reporting. Complete list of accepted is found in the NHSN IDM Workbook.</i>		
Acinetobacter species	Enterobacter species	Proteus mirabilis
Candida albicans	Enterococcus faecalis	Proteus penneri
Candida auris	Enterococcus faecium	Proteus vulgaris
Candida glabrata	Enterococcus species	Pseudomonas aeruginosa
Candida parapsilosis	Escherichia coli	Serratia marcescens
Candida tropicalis	Klebsiella aerogenes	Staphylococcus aureus
Citrobacter amalonaticus	Klebsiella oxytoca	Stenotrophomonas maltophilia
Citrobacter freundii	Klebsiella pneumoniae	Streptococcus agalactiae
Citrobacter koseri	Morganella morganii	Streptococcus pneumoniae
<p><b>Assurance of Confidentiality:</b> The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).</p> <p>Public reporting burden of this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC, Reports Clearance Officer, 1600 Clifton Rd., MS D-74, Atlanta, GA 30333 ATTN: PRA (0920-0666). CDC 57.123 v6, 10.0</p>		

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**Table 3. Antimicrobial Susceptibility Details** *These data elements will be transmitted with each month's report.*

Variable Name	Description of Variable	Examples
antibiotic	Antibiotic used for susceptibility test	
PBP2a-agglutination	PBP2a-agglutination	
PCRMec-gene	PCR mec-gene	
EtestSign	Etest sign	>, <, =
EtestValue	Etest value	
EtestInterp	Interpretation of Etest	
MICsign	MIC sign	
MICinterp	Interpretation of the MIC test	
MICvalue	MIC value	
ZoneSign	Zone sign	
ZoneInterp	Interpretation of zone test	
ZoneValue	Zone value	
FinIntrep	Final interpretation result	

**Table 3a. List of Antimicrobials used for Susceptibility Testing** *This is the list of antimicrobials that will be accepted into NHSN as part of the antimicrobial resistance reporting.*

Amikacin	Cefoxitin	Daptomycin	Linezolid	Rifampin
Amoxicillin	Ceftaroline	Doripenem	Meropenem	Streptomycin
Amoxicillin-clavulanic acid	Ceftazidime	Doxycycline	Micafungin	Sulfisoxazole
Ampicillin	Ceftazidime/Avibactam	Ertapenem	Minocycline	Tedizolid
Ampicillin-sulbactam	Ceftolozane/Tazobactam	Erythromycin	Moxifloxacin	Telavancin
Anidulafungin	Ceftriaxone	Fluconazole	Nitrofurantoin	Tetracycline
Azithromycin	Cefuroxime	Flucytosine	Oritavancin	Ticarcillin
Aztreonam	Chloramphenicol	Fosfomycin	Oxacillin	Trimethoprim
Caspofungin	Ciprofloxacin	Gemifloxacin	Penicillin G	Trimethoprim-sulfamethoxazole
Cefazolin	Clarithromycin	Gentamicin	Penicillin V	Vancomycin
Cefepime	Clindamycin	Imipenem-cilastatin	Piperacillin-tazobactam	Voriconazole
Cefotaxime	Colistin	Itraconazole	Polymyxin B	
Cefotetan	Dalbavancin	Levofloxacin	Posaconazole	

**Table 4. Denominator Data** *These data elements will be transmitted with each month's report.*

Variable Name	Description of Variable
numAdmissions	Number of admissions
numPtDays	Number of inpatient days
numEncounters	Number of outpatient encounters
numCulture	Number of blood cultures performed
noAREvent	No AR Events were identified