



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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Table 1. CDA File Descriptors			These data elements will be transmitted with each month's report.	
Variable Name	Description of Variable			
orgid	NHSN Facility ID number			
location	NHSN location code			
month	Denominator month			
year	Denominator year			
createDate	Date the record was created			
createUserID	The user that created the record			
version	Version number of the software under which the data was collected			
modifyDate	Date the record was last updated			
modifyUserID	The user that last modified record			
modifyVersion	Version number of the software under which the data was last updated			
Table 2. Isolate Event Details				These data elements will be transmitted with each month's report.
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			
specimenLoc	Location of specimen collection			
pathogen	Identified pathogen			
PtDOB	Patient date of birth			
PtGender	Patient gender			
PtID	Patient ID number			
Table 2a. List of Eligible Pathogens		This is the list of pathogens that will be accepted into NHSN as part of the antimicrobial resistance reporting.		
Acinetobacter baumannii (ACBA)	Enterococcus spp. NOS (ENTSP)	Pseudomonas aeruginosa (PA)		
Candida albicans (CA)	Escherichia coli (EC)	Serratia marcescens (SM)		
Candida glabrata (CG)	Group B Streptococcus (GBS)	Staphylococcus aureus (SA)		
Citrobacter freundii (CF)	Klebsiella oxytoca (KO)	Stenotrophomonas maltophilia (STEMA)		
Enterobacter spp. (ESO)	Klebsiella pneumoniae (KP)	Streptococcus pneumoniae (SP)		
Enterococcus faecalis (ENTFS)	Morganella morganii (MM)			
Enterococcus faecium (ENTFM)	Proteus mirabilis (PM)			
Assurance of Confidentiality: 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)).				
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 v3 8.0				

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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	Ertapenem	Micafungin	Quinupristin-dalfopristin
Amoxicillin	Ceftazidime	Erythromycin	Minocycline	Rifampin
Amoxicillin-clavulanic acid	Ceftriaxone	Fluconazole	Moxifloxacin	Streptomycin
Ampicillin	Cefuroxime	Flucytosine	Nitrofurantoin	Sulfisoxazole
Ampicillin-sulbactam	Cephalothin	Gemifloxacin	Norfloxacin	Telithromycin
Anidulafungin	Chloramphenicol	Gentamicin	Ofloxacin	Tetracycline
Azithromycin	Ciprofloxacin	Imipenem-cilastatin	Oxacillin	Ticarcillin
Aztreonam	Clarithromycin	Itraconazole	Penicillin G	Ticarcillin-clavulanate
Caspofungin	Clindamycin	Levofloxacin	Penicillin V	Trimethoprim
Cefazolin	Daptomycin	Linezolid	Piperacillin	Trimethoprim-sulfamethoxazole
Cefepime	Doripenem	Lomefloxacin	Piperacillin-tazobactam	Vancomycin
Cefotaxime	Doxycycline	Meropenem	Posaconazole	Voriconazole

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
numCulture	Number of blood cultures performed