

Long Term Care Antimicrobial Use (LTC-AU) Module- Digital Upload Specification Tables

These data will be collected for each long term care facility resident then uploaded in an aggregate monthly electronic file transfer from the facility to NHSN via Clinical Document Architecture (CDA).

| Table 1. CDA File Descriptors, Antimicrobial order and resident-level data elements | |
|--|--|
| <i>These data elements will be transmitted with each month's report.</i> | |
| Variable Name | Description of Variable/Value set |
| Year | Record the 4-digit year during which the data were collected. |
| Month | Record the 2-digit month during which the data were collected. |
| Facility ID | Unique identifier for the long-term care facility. Facility OID |
| Resident ID | Resident name/identifier |
| Resident Name: Last | Resident surname |
| Resident Name: First | Resident first name |
| Resident Name: Middle | Resident middle name |
| Gender Identity | Male, Female, Female-to-male transgender, Male-to-female transgender, Identifies as non-conforming, Other, Asked but unknown |
| Sex at Birth | M (Male) or F (Female); O (other) |
| Race | American Indian or Alaska Native Asian; Black or African American; Middle Eastern or North African; Native Hawaiian or Pacific Islander; White; Declined to respond; Unknown |
| Ethnicity | Hispanic or Latino; not Hispanic or Latino; Declined to respond; Unknown |
| Resident Date of Birth | YYYY/MM/DD |
| Date Admission to Facility | YYYY/MM/DD |
| Date of Discharge | YYYY/MM/DD |
| Discharge Disposition | Description of discharge location (e.g., Home, Another Facility, Hospital, Death) |
| Antimicrobial | RXNorm codes for antibiotics, antifungals, antivirals (See Table 2) |
| Antimicrobial Order Start Date | YYYY/MM/DD |
| Antimicrobial Order End Date | YYYY/MM/DD |
| Antimicrobial Administration | YYYY/MM/DD/HH/MM/SS |
| Route | Route of administration: Digestive tract, intravenous route, intramuscular route |
| Data source | Designates this file as containing data about antimicrobial orders or antimicrobial administrations |
| Language: (Select all that apply) | |
| Interpreter needed: | Yes No |

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 H21-8, Atlanta, GA 30333, ATTN: PRA (0920-0666). CDC xx.xxx v1 release number

| Table 2. List of Antimicrobials to be Extracted | | This is the list of antimicrobials that will be accepted into NHSN as part of the antimicrobial use reporting. Complete list of accepted RxNorm codes is found in the NHSN IDM Workbook. |
|--|--------------------------------|---|
| ACYCLOVIR | CEFUROXIME | MINOCYCLINE |
| AMOXICILLIN | CEPHALEXIN | MOLNUIPIRAVIR |
| AMOXICILLIN/CLAVULANATE | CIPROFLOXACIN | MOXIFLOXACIN |
| AMPHOTERICIN B | CLARITHROMYCIN | NAFCILLIN |
| AMPHOTERICIN B LIPID COMPLEX | CLINDAMYCIN | NIRMATRELVIR |
| AMPHOTERICIN B LIPOSOMAL | DALBAVANCIN | NITROFURANTOIN |
| AMPICILLIN | DAPTOMYCIN | OFLOXACIN |
| AMPICILLIN/SULBACTAM | DICLOXACILLIN | OMADACYCLINE |
| ANIDULAFUNGIN | DOXYCYCLINE | ORITAVANCIN |
| AZITHROMYCIN | ERAVACYCLINE | OSELTAMIVIR |
| AZTREONAM | ERTAPENEM | OXACILLIN |
| BALOXAVIR MARBOXIL | ERYTHROMYCIN | PENICILLIN G |
| CASPOFUNGIN | FAMCICLOVIR | PENICILLIN V |
| CEFACLOR | FIDAXOMICIN | PERAMIVIR |
| CEFADROXIL | FLUCONAZOLE | PIPERACILLIN/TAZOBACTAM |
| CEFAZOLIN | FOSFOMYCIN | PLAZOMICIN |
| CEFDINIR | GANCICLOVIR SODIUM | POSACONAZOLE |
| CEFEPIME | GENTAMICIN | REMDESIVIR |
| CEFIDEROCOL | IMIPENEM/CILASTATIN | REZAFUNGIN |
| CEFIXIME | IMIPENEM/CILASTATIN/RELEBACTAM | SULBACTAM/DURLOBACTAM |
| CEFOTAXIME | ISAVUCONAZONIUM | SULFAMETHOXAZOLE/TRIMETHOPRIM |
| CEFOTETAN | ITRACONAZOLE | TEDIZOLID |
| CEFOXITIN | KETOCONAZOLE | TELAVANCIN |
| CEFPODOXIME | LEFAMULIN | TETRACYCLINE |
| CEFPROZIL | LETERMOVIR | TIGECYCLINE |
| CEFTAROLINE | LEVOFLOXACIN | TINIDAZOLE |
| CEFTAZIDIME | LINEZOLID | TOBRAMYCIN |
| CEFTAZIDIME/AVIBACTAM | MEROPENEM | VALACYCLOVIR |
| CEFTIBUTEN | MEROPENEM/VABORBACTAM | VALGANCICLOVIR |
| CEFTOLOZANE/TAZOBACTAM | METRONIDAZOLE | VANCOMYCIN |
| CEFTRIAZONE | MICAFUNGIN | VORICONAZOLE |