**Tennessee Emerging Infections Program**

**Active Bacterial Core Surveillance (ABCs)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pathogen | Specimen Source(s) | Send Specimen(s) | Printout | Catchment Area |
| *Streptococcus pneumoniae* | Sterile sites¹ | Yes, isolate | Yes | ABCs³ |
| *Neisseria meningitidis* | Sterile sites¹ | Yes, isolate | Yes | ABCs³ |
| *Haemophilus influenzae* | Sterile sites¹ | Yes, isolate | Yes | ABCs³ |
| Group A Streptococcus | Sterile sites¹, Wound² | Yes, isolate | Yes | ABCs³ |
| Group B Streptococcus | Sterile sites¹ | No | Yes | ABCs³ |

## Foodborne Diseases Active Surveillance Network (FoodNet)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pathogen | Specimen Source(s) | Send Specimen(s) | Printout | Catchment Area |
| *Campylobacter* | All sites | Yes | Yes | Statewide |
| *Listeria* | All sites | Yes | Yes | Statewide |
| *Salmonella* | All sites | Yes | Yes | Statewide |
| Shiga-toxin producing *Escherichia coli* (including Shiga-like toxin positive stools, *E. coli* O157 and *E. coli* non-0157) | All sites | Yes, isolate and broths | Yes | Statewide |
| *Shigella* | All sites | Yes | Yes | Statewide |
| *Vibrio* *(*including *Vibrio* species*, Grimontia hollisae* and *Photobacterium damselae)* | All sites | Yes | Yes | Statewide |
| *Yersinia* | All sites |  Yes | Yes | Statewide |
| *Cyclospora* | All sites | Yes | Yes | Statewide |

## MULTIDRUG-RESISTANT GRAM-NEGATIVE BACILLI SURVEILLANCE INITIATIVE (MuGSI)

## (CRE/CRA/ESBL Surveillance)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pathogen | Specimen Source(s) | Send Specimen(s) | Printout | Catchment Area |
| CRE (carbapenem-resistant *E. coli*, *Enterobacter* *cloacae* complex species8 and *Klebsiella* species (i.e., *K. aerogenes,* *K. oxytoca, K. pneumoniae*, and *K. variicola))*  | Sterile sites¹and Urine | Yes | Yes | MuGSI6 |
| CRA *(Carbapenem Resistant Acinetobacter species)* | Sterile sites¹, Urine, lower respiratory tract5, wound | Yes | Yes | MuGSI6 |
| ESBL-: extended-spectrum cephalosporin-resistant *E. coli, Klebsiella pneumoniae, Klebsiella variicola,* or *Klebsiella oxytoca*  | Sterile sites¹and Urine | Yes | Yes |  ESBL7 |

## CDI Surveillance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pathogen | Specimen Source(s) | Send Specimen(s) | Printout | Catchment Area |
| *Clostridium (Clostridioides) difficile*⁴ (all positive reports) | All sites | Yes, stool | Yes | Davidson County9 |

## Sentinel Site Surveillance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pathogen | Specimen Source(s) | Send Specimen(s) | Printout | Catchment Area |
| Methicillin-resistant *Staphylococcus aureus* | Sterile sites¹ | No | Yes | Davidson County |

¹Sterile sites include: Blood, CSF, Pleural Fluid, Peritoneal Fluid, Pericardial Fluid, Bone, Joint Fluid, Muscle, or Internal Body Site (Lymph Node, Brain, Heart, Liver, Spleen, Vitreous Fluid, Kidney, Pancreas, and Ovary).

²Isolates from wounds will only be considered for Group A Streptococcus when accompanied by necrotizing fasciitis or streptococcal toxic shock syndrome (STSS).

³Residents of the following counties are included in the ABCs catchment area: Anderson, Blount, Cheatham, Davidson, Dickson, Grainger, Hamilton, Jefferson, Knox, Loudon, Madison, Roane, Robertson, Rutherford, Sevier, Shelby, Sumner, Union, Williamson, and Wilson.

⁴For those participating facilities in Davidson County, a set of detailed guidelines was distributed for CDI Surveillance.

5Lower respiratory tract cultures include: Bronchoalveolar lavage, sputum, tracheal aspirate, or other lower respiratory site

6Residents of the following counties are included in the MuGSI catchment area: Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson

7Residents of the following counties are included in the ESBL catchment area: Lewis, Marshall, Maury, and Wayne

 8*E. cloacae, E. asburiae, E. bugandensis, E. hormaechei, E. kobei, E. ludwigii,* and *E. nimipressuralis*

9Residents of Davidson county are included in the CDI catchment area