

## Background

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**Certain diseases and events are communicable or dangerous to the public and must be reported to the Tennessee Department of Health** by all healthcare providers (inpatient or outpatient), laboratories, and other persons knowing of or suspecting a case in accordance with the provision of the statutes and regulations governing the control of communicable diseases in Tennessee (T.C.A. §68 Rule 1200-14-01-.02). Reporting requirements apply to all laboratories located within Tennessee as well as laboratories outside of Tennessee that test residents of Tennessee, including laboratories located within healthcare facilities. Healthcare providers and laboratories in the same healthcare facility both have a duty to report.

The type of organisms and analytes laboratories must report to TDH for 2025 are provided in detail in this document and are also available in a user-friendly 2-page version at <https://www.tn.gov/health/ReportableDiseasesLabs>. All pathogens and conditions listed are reportable by both laboratories and health care providers unless otherwise noted.

## How to report results

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There are several ways laboratories can report results to TDH.



**Phone** (615) 741-7247 or 1-800-404-3006 for immediately reportable and next business day conditions. Call should be placed upon suspicion of the condition regardless of other reporting mechanisms used by your facility or if awaiting lab confirmation.



**Manually** fax or mail PH-1600 form (<https://www.tn.gov/health/Form1600>) to your local health office (<https://www.tn.gov/health/LocalDepartments>) or fax to the state health office at (615) 741-3857.



**Automatically** report to TDH via electronic case reporting (eCR), which automates the process of sharing data with TDH using interoperability standards (<https://www.tn.gov/health/ELR>). For eligibility requirements, see <https://www.tn.gov/health/PromotingInteroperability>.

To initiate the eCR onboarding process with TDH, register in the Trading Partner Registration (TPR) system (<https://apps.tn.gov/tp>). TPR provides documentation for Promoting Interoperability (PI) attestation and milestone letters to document onboarding progress. Contact [MU.Health@tn.gov](mailto:MU.Health@tn.gov) for assistance.



**Enter results online** via NBS, Tennessee's reportable disease system. Users can log in to NBS to enter patient demographics, the reportable disease or condition, facility, and provider information, and attach laboratory report information. To request an NBS account for reporting, please fill out the user survey ([redcap.link/MorbidityReportAccount](https://redcap.link/MorbidityReportAccount)).



**Special reporting instructions** for some diseases and conditions are included below next to the disease or condition.

## When to report results

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**Unless otherwise specified, results must be reported to TDH within one week** via the methods described above. Results with different reporting timeframes are noted in the list of reportable diseases/conditions in this document and the user friendly 2-page version at <https://www.tn.gov/health/ReportableDiseasesLabs> by the following symbols:



Call immediately upon suspicion and send confirmatory report or result within 1 week



Call by next business day and send result within 1 week

## What information to include when reporting

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All laboratory result reports should include these minimum data elements.

- Patient information:
  - Social security number
  - Name (including first, middle, and last name)
  - Address (including street, city, state, county, ZIP Code, country)
  - Phone number (including area code)
  - Date of birth
  - Date of death (if applicable)
  - Sex
  - Race
  - Ethnicity
  - Pregnancy status (if applicable)
  - Identifier and identifier type (e.g., medical record number)
  - Payment source for blood lead levels
- Reporting facility, performing facility, ordering facility, and ordering provider information including:
  - Name
  - Phone number (including area code)
  - Address (including street, city, state, county, ZIP Code, country)
- Result information:
  - Accession number
  - Specimen collection date
  - Specimen type, site, and source
  - Test method
  - Result (including qualitative, semi-quantitative, and quantitative) with reference range and interpretation (if applicable)
  - Result date
  - Report date

If a printed laboratory report does not include the required information listed above, then form PH-1600

(<https://www.tn.gov/health/Form1600>) should be completed for the missing information and submitted with the printed laboratory report.

For the list of reportable organisms and analytes below:

- **All test methods are reportable, unless otherwise specified.**
  - Test methods may include, but are not limited to, culture-independent diagnostic testing (CIDT) (e.g., nucleic acid amplification [NAA], immunoassay, immunofluorescence), culture, immunoblot, microscopy, and genomic sequencing.
  - All types of subtyping (e.g., speciation, serogroup, serotype, genotype, lineage), antimicrobial susceptibility testing, carbapenemase-production testing (such as mCIM, Carba NP, or modified-Hodge), and resistance mechanism testing are reportable.
    - All minimum inhibitory concentration (MIC) values should be reported, and preferably interpreted based on 2024 Clinical & Laboratory Standards Institute (CLSI) M100 Performance Standards for Antimicrobial Susceptibility Testing.
- **All non-negative results are reportable, unless otherwise specified.**
  - Non-negative includes positive, reactive, detected, equivocal, borderline, indeterminate, and all other comparable terms.
  - Negative includes non-reactive, not detected, and all comparable terms.
- **All result measurement types (i.e., qualitative, quantitative, semi-quantitative) are reportable, unless otherwise specified.**
- **All specimen types, sites, and sources are reportable, unless otherwise specified.**
  - A normally "sterile site" is defined as blood, cerebrospinal fluid, pleural fluid (including chest fluid, thoracentesis fluid), peritoneal fluid (including abdominal fluid, ascites), pericardial fluid, bone (including bone marrow), joint (including fluid, synovial fluid, or needle aspirate of knee, ankle, elbow, hip, wrist), internal body sites (i.e., specimen obtained from surgery or aspirate from one of the following: lymph node, brain, heart, liver, spleen, vitreous fluid, kidney, pancreas, or ovary).

## Submitting specimens or isolates

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**TDH requires submitting isolates or specimens for some organisms/analytes to TDH Division of Laboratory Services** for confirmation, typing or antibiotic sensitivity testing, as noted on the following pages using the icons below, these same icons are also reflected in the user friendly 2-page version at <https://www.tn.gov/health/ReportableDiseasesLabs>.

It is the responsibility of the director of a medical laboratory to submit isolates or specimens. When submitting specimens, include the patient's full name, address, age, and sex; ordering provider's name and address; ordering facility's name and address; and anatomic source of culture.

Refer to the TDH Division of Laboratory Services website for test order and specimen submission details at <https://www.tn.gov/health/LabServicesDirectory>. Most test orders for required or upon request submissions should be submitted to TDH Division of Laboratory Services utilizing the Laboratory Web Portal. Information regarding portal usage can be found at <https://www.tn.gov/health/health-program-areas/lab/lab-web-portal.html>. Please contact TDH Division of Laboratory Services at (615) 262-6300 before submitting specimens or isolates for pathogens requiring immediate notification so that we may assist with appropriate order submission and shipping requirements so as not to delay your specimen arrival and provide approval for appropriate prioritization. You may also contact TDH at (615) 741-7247 for additional assistance in specimen or isolate submission if you do not have the ability to submit via the online Lab Web Portal.

Specimen or isolate submission requirement symbols:



Required
















Upon request


**For questions, see the Tennessee reportable diseases website (<https://www.tn.gov/health/ReportableDiseases>), email [CEDS.Informatics@tn.gov](mailto:CEDS.Informatics@tn.gov), or call TDH at (615) 741-7247 or (800) 404-3006.**


# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
  Detection in one or more specimens of organism or analytes not listed that are of urgent public health significance	<ul style="list-style-type: none"> <li>Immediately call TDH at (615) 741-7247 or 1-800-404-3006</li> </ul>
  Pan-nonsusceptible organism or other unusual resistance pattern or resistance mechanism	<ul style="list-style-type: none"> <li>Report isolation of organism that is pan-nonsusceptible or exhibits unusual resistance, regardless of active infection (see examples in CLSI M100 Performance Standards for Antimicrobial Susceptibility Testing, Appendix A, Category 1)</li> <li>Pan-nonsusceptible organism: organism with intermediate or resistant interpretations to all antibiotics tested using validated instrument or disc diffusion/e-tests (exclude colistin and tigecycline susceptibility)</li> <li><b>Isolates should be submitted urgently</b> to TDH Division of Laboratory Services; include identification and susceptibility results (including numeric MIC values) when submitting isolate</li> </ul>
 <i>Acinetobacter</i> species, carbapenem-resistant	<ul style="list-style-type: none"> <li>Catchment area: Report and submit isolates only for residents of Davidson, Cheatham, Robertson, Sumner, Wilson, Rutherford, Dickson, and Williamson counties</li> <li>Report <i>Acinetobacter</i> species with one or more of the following:               <ul style="list-style-type: none"> <li>Intermediate or resistant interpretation to at least one carbapenem antibiotic</li> <li>Detection of carbapenemase production</li> <li>Detection of at least one carbapenemase-producing gene</li> </ul> </li> <li>If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile</li> <li>Submit isolates to TDH Division of Laboratory Services within 3 days of detection/isolation</li> <li>This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>
Alpha-gal Syndrome	
<i>Anaplasma phagocytophilum</i>	
<i>Babesia</i> species	
  <i>Bacillus anthracis</i>	
  <i>Bacillus</i> species other than <i>anthracis</i> expressing anthrax toxin	
Bacteria, acid fast bacilli	<ul style="list-style-type: none"> <li>Sputum smear, all detections, regardless of confirmation of <i>Mycobacterium tuberculosis</i> or non-tuberculosis Mycobacteria (NTM) species</li> <li>Detection in a nerve or skin specimen by the Fite-Faraco method</li> </ul>
  Bacteria, Gram-negative diplococci from sterile sites or petechial or purpuric lesion scrapings	<ul style="list-style-type: none"> <li>Sterile specimen sites or petechial or purpuric lesion scrapings only</li> <li>Do not report if organism has been identified and is not otherwise reportable</li> </ul>
 Bacteria from cerebrospinal fluid	<ul style="list-style-type: none"> <li>Report any bacteria not specified elsewhere in this list</li> <li>Cerebrospinal fluid only</li> <li>If detected via CIDT, perform culture to obtain isolate</li> <li>Submit isolates to TDH Division of Laboratory Services within 3 days of isolation</li> </ul>
 <i>Bordetella pertussis</i>	<ul style="list-style-type: none"> <li>Only report positive culture or NAA results</li> </ul>

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# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
<i>Borrelia burgdorferi</i>	<p>Report:</p> <ul style="list-style-type: none"> <li>• Positive culture, NAA, EIA, or IFA results</li> <li>• Positive immunoblot results for <i>B. burgdorferi</i> IgM or IgG</li> <li>• Positive IHC results for <i>B. burgdorferi</i> group-specific antigens</li> </ul>
<i>Borrelia mayonii</i>	<ul style="list-style-type: none"> <li>• Only report positive culture or NAA results</li> </ul>
  <i>Brucella</i> species	
  <i>Burkholderia mallei</i>	<ul style="list-style-type: none"> <li>• Only report positive culture results</li> </ul>
  <i>Burkholderia pseudomallei</i>	<ul style="list-style-type: none"> <li>• Only report positive culture results</li> </ul>
 California/LaCrosse serogroup viruses	<ul style="list-style-type: none"> <li>• Do not report qualitative IgG results</li> <li>• Includes California encephalitis virus, LaCrosse encephalitis virus, Jamestown Canyon virus, Keystone virus, Snowshoe hare virus, and Trivittatus virus</li> </ul>
 <i>Campylobacter</i> species	<ul style="list-style-type: none"> <li>• Do not report antibody results</li> <li>• Submit both of the following to TDH Division of Laboratory Services: <ul style="list-style-type: none"> <li>◦ Isolates within 1 week of isolation</li> <li>◦ CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
  <i>Candida auris</i> , including rule-out	<ul style="list-style-type: none"> <li>• If detected via NAA, perform culture to obtain isolate</li> <li>• Submit isolates to TDH Division of Laboratory Services within 3 days of isolation</li> <li>• For more information on ruling out <i>C. auris</i>, see <a href="http://www.cdc.gov/candida-auris/media/pdfs/Testing-algorithm_by-Method_508.pdf">www.cdc.gov/candida-auris/media/pdfs/Testing-algorithm_by-Method_508.pdf</a></li> </ul>
 <i>Candida</i> species in blood	<ul style="list-style-type: none"> <li>• Catchment area: Report and submit isolates only for residents of Knox, Sevier, Jefferson, Blount, Anderson, Roane, Loudon, Union, Grainger, Hancock, Unicoi, Hawkins, Greene, Johnson, Washington, Sullivan, and Carter counties</li> <li>• Culture from blood specimens only</li> <li>• Submit isolate of each unique <i>Candida</i> species isolated (i.e., send specimens of each if more than one species isolated from blood)</li> <li>• Send specimens to: Local EIP Surveillance Officer Knoxville Regional Lab 2101 Medical Center Way Knoxville, TN 37920</li> <li>• This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>

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# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
 Carbapenemase-producing organism (CPO) infection, including <i>Acinetobacter calcoaceticus-baumannii</i> complex, <i>Pseudomonas aeruginosa</i> , and any organism from the Enterobacterales order, including but not limited to, <i>Escherichia coli</i> , <i>Enterobacter species</i> , and <i>Klebsiella</i> species	<ul style="list-style-type: none"> <li>For laboratories <b>able</b> to test for carbapenemase production or carbapenemase-producing genes, report any organism with either of the following:               <ul style="list-style-type: none"> <li>Detection of carbapenemase production</li> <li>Detection of at least one carbapenemase-producing gene</li> </ul>               If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile             </li> <li>For laboratories <b>unable</b> to test for carbapenemase production or carbapenemase-producing genes, report these organisms and resistance scenarios:               <ul style="list-style-type: none"> <li><i>Acinetobacter calcoaceticus-baumannii</i> complex with resistant interpretation to at least one carbapenem antibiotic (excluding ertapenem)</li> <li><i>Pseudomonas aeruginosa</i> with both of the following                   <ul style="list-style-type: none"> <li>Resistant interpretation to at least one carbapenem antibiotic (excluding ertapenem) and</li> <li>Intermediate or resistant interpretation to cefepime or ceftazidime, or resistant to ceftolozane/tazobactam</li> </ul> </li> </ul> </li> <li>Submit isolates to TDH Division of Laboratory Services within 3 days of detection/isolation</li> </ul>
 Carbapenem-resistant Enterobacterales	<ul style="list-style-type: none"> <li>Catchment area: Report and submit isolates only for residents of Davidson, Cheatham, Robertson, Sumner, Wilson, Rutherford, Dickson, and Williamson counties.</li> <li>Report all Enterobacterales species with one or more of the following:               <ul style="list-style-type: none"> <li>Resistant interpretation to at least one carbapenem antibiotic</li> <li>Detection of carbapenemase production</li> <li>Detection of at least one carbapenemase-producing gene</li> <li>If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile</li> </ul> </li> <li>Submit isolates within 2 weeks of isolation to the Tennessee Department of Health Laboratory.</li> <li>This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>
Carboxyhemoglobin (COHb)	<ul style="list-style-type: none"> <li>Report levels &gt;12.0%</li> </ul>
 Chikungunya virus	<ul style="list-style-type: none"> <li>Do not report qualitative IgG results</li> </ul>
<i>Chlamydia trachomatis</i>	
  <i>Clostridium botulinum</i> or botulinum toxin	<ul style="list-style-type: none"> <li>Includes isolation of <i>C. botulinum</i> or detection of botulinum toxin</li> </ul>
 <i>Clostridioides difficile</i>	<ul style="list-style-type: none"> <li>Catchment area: Report and submit isolates only for residents of Davidson County</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> <li>This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>
 <i>Clostridium tetani</i>	<ul style="list-style-type: none"> <li>Contact Tennessee Department of Health Division of Laboratory Services at 615-262-6300 for detailed submission instructions. Prior to preparing specimen for shipment</li> </ul>
  <i>Corynebacterium diphtheriae</i> producing diphtheria toxin	<ul style="list-style-type: none"> <li>Contact Tennessee Department of Health Division of Laboratory Services at 615-262-6300 for detailed submission instructions prior to preparing specimen for shipment</li> </ul>
  <i>Corynebacterium ulcerans</i> producing diphtheria toxin	<ul style="list-style-type: none"> <li>Contact Tennessee Department of Health Division of Laboratory Services at 615-262-6300 for detailed submission instructions prior to preparing specimen for shipment</li> </ul>

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# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
 <i>Coxiella burnetii</i>	
 <i>Cronobacter</i> species	<ul style="list-style-type: none"> <li>• Only report results for infants &lt;12 months old</li> <li>• Do not report antibody results</li> <li>• Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>◦ Isolates within 1 week of isolation</li> <li>◦ CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 <i>Cryptosporidium</i> species	<ul style="list-style-type: none"> <li>• Submit specimen/isolate to TDH Laboratory Services within 2 weeks of detection/isolation</li> </ul>
 <i>Cyclospora</i> species	<ul style="list-style-type: none"> <li>• Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>◦ CIDT specimens within 4 days of specimen collection</li> <li>◦ All other specimens within 1 week of identification</li> </ul> </li> </ul>
Dengue virus	<ul style="list-style-type: none"> <li>• Do not report qualitative IgG results</li> </ul>
 Eastern equine encephalitis virus	<ul style="list-style-type: none"> <li>• Do not report qualitative IgG results</li> </ul>
<i>Ehrlichia</i> species	<ul style="list-style-type: none"> <li>• Includes <i>E. chaffeensis</i>, <i>E. ewingii</i>, and <i>E. muris eauclairensis</i></li> </ul>
<i>Enterococcus</i> species from sterile sites, resistant interpretation to vancomycin	<ul style="list-style-type: none"> <li>• Exclude <i>Enterococcus</i> species that exhibit intrinsic resistance</li> <li>• Sterile specimen sites only</li> <li>• If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile</li> </ul>
 <i>Escherichia coli</i> , extended spectrum beta lactamase-producing	<ul style="list-style-type: none"> <li>• Catchment area: Report and submit isolates only for residents of Lewis, Marshall, Maury, and Wayne counties</li> <li>• Report <i>E. coli</i> with resistant interpretation to at least one extended-spectrum cephalosporin (ceftazidime, cefotaxime, or ceftriaxone)</li> <li>• If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile</li> <li>• Submit isolates to TDH Division of Laboratory services within 2 weeks of isolation</li> <li>• This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>
 <i>Escherichia coli</i> from sterile sites	<ul style="list-style-type: none"> <li>• Catchment areas:               <ul style="list-style-type: none"> <li>◦ Report and submit isolates for all ages for residents of Lewis, Maury, Marshall, and Wayne counties</li> <li>◦ Report and submit isolates for infants &lt;90 days old for residents of Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson counties</li> </ul> </li> <li>• Report <i>E. coli</i> from sterile specimen sites only</li> <li>• Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> <li>• This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>
 <i>Escherichia coli</i> , Shiga toxin-producing (STEC)	<ul style="list-style-type: none"> <li>• Do not report antibody results</li> <li>• Includes <i>E. coli</i> O157:H7, O157 Shiga toxin-producing <i>E. coli</i>, non-O157 Shiga toxin-producing <i>E. coli</i> Enterohemorrhagic <i>E. coli</i> (EHEC), Shiga toxin (stx, stx1, or stx2), Shiga-like toxin</li> <li>• Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>◦ Isolates within 1 week of isolation</li> <li>◦ CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>

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# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
 <i>Francisella tularensis</i>	
 <i>Grimontia hollisae</i> (formerly <i>Vibrio hollisae</i> )	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 <i>Haemophilus influenzae</i> from sterile sites	<ul style="list-style-type: none"> <li>Report only positive culture and NAA results</li> <li>Sterile specimen sites only</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> </ul>
 Hepatitis A virus	<ul style="list-style-type: none"> <li>Report:           <ul style="list-style-type: none"> <li>Positive IgM and NAA results</li> <li>For any positive IgM or NAA result, report:               <ul style="list-style-type: none"> <li>All associated results (positive and negative) for hepatitis A, B, and C; alanine aminotransferase (ALT); and bilirubin levels</li> </ul> </li> </ul> </li> </ul>
Hepatitis B virus	<ul style="list-style-type: none"> <li>Report:           <ul style="list-style-type: none"> <li>Both positive and negative results</li> <li>For any positive result, report:               <ul style="list-style-type: none"> <li>All associated results (positive and negative) for hepatitis A, B, and C; alanine aminotransferase (ALT); and bilirubin levels</li> <li>Pregnancy status</li> </ul> </li> </ul> </li> </ul>
Hepatitis C virus	<ul style="list-style-type: none"> <li>Report:           <ul style="list-style-type: none"> <li>Both positive and negative results</li> <li>For any positive result, report:               <ul style="list-style-type: none"> <li>All associated results (positive and negative) for hepatitis A, B, and C; alanine aminotransferase (ALT); and bilirubin levels</li> <li>Pregnancy status</li> </ul> </li> </ul> </li> </ul>
Human immunodeficiency virus (HIV)	<ul style="list-style-type: none"> <li>Report:           <ul style="list-style-type: none"> <li>All positive or indeterminate results</li> <li>For any positive result, report:               <ul style="list-style-type: none"> <li>All associated negative HIV results</li> <li>Pregnancy status</li> </ul> </li> <li>Report all:               <ul style="list-style-type: none"> <li>Quantitative NAA (viral load) results</li> <li>CD4 counts and percents</li> <li>Genotype nucleotide sequences for laboratories reporting via ELR</li> </ul> </li> </ul> </li> </ul>
  Influenza A virus, novel or pandemic strain	<ul style="list-style-type: none"> <li>Only report positive culture or NAA results</li> </ul>
 <i>Klebsiella</i> species, extended spectrum beta lactamase-producing	<ul style="list-style-type: none"> <li>Catchment area: Report and submit isolates only for residents of Lewis, Marshall, Maury, and Wayne counties</li> <li>Report <i>Klebsiella</i> with resistant interpretation to at least one extended-spectrum cephalosporin (ceftazidime, cefotaxime, or ceftriaxone)</li> <li>If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile</li> <li>Submit isolates to TDH Division of Laboratory services within 2 weeks of isolation</li> <li>This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>

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## Detailed Laboratory Reporting Guidance

2026

Organism or analyte	Detailed guidance
Lead level from blood	<ul style="list-style-type: none"> <li>Report all blood lead tests regardless of result, including on-site blood lead analysis with portable devices</li> <li>Blood specimens only, including capillary and venous</li> <li>Report blood lead level <math>\geq 3.5</math> <math>\mu\text{g}/\text{dL}</math> within 1 week, <math>&lt; 3.5</math> <math>\mu\text{g}/\text{dL}</math> within 1 month</li> <li>Report via <a href="https://leadinput.tennessee.edu/leadin/">https://leadinput.tennessee.edu/leadin/</a> or Excel template (email UT Extension at <a href="mailto:leadtrk@utk.edu">leadtrk@utk.edu</a> for assistance)</li> </ul>
 <i>Legionella</i> species	<ul style="list-style-type: none"> <li>Submit isolates or positive expectorated sputum and bronchial lavage fluids specimens to TDH Division of Laboratory Services</li> </ul>
  <i>Listeria</i> species	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services: <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
  Measles virus	<ul style="list-style-type: none"> <li>Include negative IgG titer results</li> <li>All positive NAA/PCR specimens must be submitted to the TDH Division of Laboratory Services.</li> </ul>
  Middle East respiratory syndrome coronavirus (MERS-CoV)	
  Mumps virus	<ul style="list-style-type: none"> <li>Include negative IgG titer results</li> </ul>
<i>Mycobacterium leprae</i>	<ul style="list-style-type: none"> <li>Report: <ul style="list-style-type: none"> <li>NAA results</li> <li>Identification of non-caseating granulomas with peripheral nerve involvement</li> </ul> </li> </ul>
<i>Mycobacterium lepromatosis</i>	<ul style="list-style-type: none"> <li>Report: <ul style="list-style-type: none"> <li>NAA results</li> <li>Identification of non-caseating granulomas with peripheral nerve involvement</li> </ul> </li> </ul>
<i>Mycobacterium tuberculosis</i> complex, including <i>M. tuberculosis</i> , <i>M. bovis</i> , <i>M. canettii</i> , <i>M. africanum</i> , and <i>M. microti</i>	<ul style="list-style-type: none"> <li>Interferon-gamma release assay (IGRA) results</li> <li>  All other test methods</li> <li>Submit both of the following to TDH Division of Laboratory Services: <ul style="list-style-type: none"> <li>Isolates within 5 days of identification</li> <li>CIDT specimens within 3 days of positive result</li> </ul> </li> </ul>
 <i>Mycobacterium</i> species other than <i>tuberculosis</i> complex, <i>M. leprae</i> , and <i>M. lepromatosis</i> from non-respiratory sites	<ul style="list-style-type: none"> <li>Non-respiratory specimen sites only</li> </ul>
<i>Neisseria gonorrhoeae</i>	
  <i>Neisseria meningitidis</i> from sterile sites or petechial or purpuric lesion scrapings	<ul style="list-style-type: none"> <li>Sterile specimen sites or petechial or purpuric lesion scrapings only</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> </ul>
 Orthopoxvirus, monkeypox virus	
  Orthopoxvirus, variola virus	
 Orthopoxvirus, other than monkeypox virus or variola virus	

 Call immediately and send result within 1 week




















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# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
  <i>Photobacterium damsela</i> (formerly <i>Vibrio damsela</i> )	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 <i>Plasmodium</i> species	<ul style="list-style-type: none"> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Giemsa stained Thick and Thin Smear Slides</li> <li>3-5 mL of EDTA blood</li> </ul> </li> </ul>
  Poliovirus	<ul style="list-style-type: none"> <li>Only report positive culture or NAA results</li> </ul>
Rabies virus, animal	<ul style="list-style-type: none"> <li>Report all positive, negative, inconclusive, and unsatisfactory results</li> <li>Include: species, animal location county, test type, collection date, test date, result, variant</li> <li>Provide in spreadsheet via <a href="mailto:Waterborne.Health@tn.gov">Waterborne.Health@tn.gov</a></li> </ul>
  Rabies virus, human	<ul style="list-style-type: none"> <li>Testing available through coordination with TDH Division of Laboratory Services and CDC</li> </ul>
  Ricin toxin	
<i>Rickettsia</i> species other than <i>R. typhus</i>	<ul style="list-style-type: none"> <li>Do not report IgM or qualitative IgG results</li> <li>Includes spotted fever group <i>Rickettsiae</i> (SFGR)</li> <li>Submit whole blood samples to TDH to be routed to CDC for PCR testing (<a href="https://www.cdc.gov/laboratory/specimen-submission/detail.html?CDCTestCode=CDC-10402">https://www.cdc.gov/laboratory/specimen-submission/detail.html?CDCTestCode=CDC-10402</a>)</li> <li>Sample Criteria:               <ul style="list-style-type: none"> <li>Acute whole blood collected in EDTA treated, or ACD-A treated, collection tubes (CTs)</li> <li>Minimum Sample Size: 1 mL</li> <li>Blood samples taken within 14 days after illness onset or while symptomatic but prior to treatment. Patient samples can still be submitted if the specimen was taken within 48 hours of doxycycline treatment.</li> </ul> </li> </ul>
  Rubella virus	<ul style="list-style-type: none"> <li>Include negative IgG titer results</li> <li>All positive NAA/PCR specimens must be submitted to the TDH Division of Laboratory Services.</li> </ul>
  <i>Salmonella</i> serotype Typhi or Paratyphi	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 <i>Salmonella</i> serotypes other than Typhi or Paratyphi	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 <i>Shigella</i> species	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
St. Louis encephalitis virus	<ul style="list-style-type: none"> <li>Do not report qualitative IgG results</li> </ul>
  <i>Staphylococcus aureus</i> , enterotoxin B-producing from pulmonary sites	<ul style="list-style-type: none"> <li>Pulmonary specimen sites only</li> </ul>

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Organism or analyte	Detailed guidance
<i>Staphylococcus aureus</i> from sterile sites	<ul style="list-style-type: none"> <li>Catchment area: Report only for residents of Davidson County</li> <li>Report <i>S. aureus</i> from sterile specimen sites only</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> <li>This is an enhanced surveillance activity in TN and requires the periodic submission of line list reports from facilities and labs serving the designated catchment area. The periodicity of these submissions can be discussed between your facility and TDH to reduce the reporting burden as much as possible. Please contact your designated program area for further clarification or <a href="mailto:ceds.informatics@tn.gov">ceds.informatics@tn.gov</a> if you do not yet have a designated contact.</li> </ul>
<i>Staphylococcus aureus</i> , toxin-producing (TSST-1)	
  <i>Staphylococcus aureus</i> , intermediate or resistant interpretation to vancomycin	<ul style="list-style-type: none"> <li>Report <i>S. aureus</i> with intermediate or resistant interpretation to vancomycin</li> <li>If detected via NAA, perform culture to obtain isolate for subsequent testing to determine antibiotic susceptibility profile</li> <li>Submit isolates immediately to TDH Division of Laboratory services</li> </ul>
<i>Streptococcus agalactiae</i> (group B strep) from sterile sites	<ul style="list-style-type: none"> <li>Only report positive culture or NAA results</li> <li>Sterile specimen sites only</li> </ul>
 <i>Streptococcus pneumoniae</i> from sterile sites	<ul style="list-style-type: none"> <li>Sterile specimen sites only</li> <li>If detected via NAA, perform culture to obtain isolate</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> </ul>
  <i>Streptococcus pyogenes</i> (group A strep) from sterile sites, muscle, fascia, or tendon	<ul style="list-style-type: none"> <li>Only report positive culture or NAA results</li> <li>Sterile specimen, muscle, fascia, or tendon sites only</li> <li>If detected via NAA, perform culture to obtain isolate</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> </ul>
 <i>Streptococcus pyogenes</i> (group A strep) from muscle, toxin-producing	<ul style="list-style-type: none"> <li>Only report positive culture or NAA results</li> <li>Muscle specimens only</li> <li>If detected via NAA, perform culture to obtain isolate</li> <li>Submit isolates to TDH Division of Laboratory Services within 2 weeks of isolation</li> </ul>
<i>Treponema pallidum</i>	
 Congenital Non-congenital	<ul style="list-style-type: none"> <li>Report: <ul style="list-style-type: none"> <li>All positive nontreponemal and treponemal results</li> <li>All titer values for positive nontreponemal results</li> <li>For any positive result, report: <ul style="list-style-type: none"> <li>All associated negative nontreponemal and treponemal results</li> <li>Pregnancy status</li> </ul> </li> </ul> </li> <li>For more information on syphilis testing, see <a href="http://www.cdc.gov/mmwr/volumes/73/rr/rr7301a1.htm">www.cdc.gov/mmwr/volumes/73/rr/rr7301a1.htm</a></li> </ul>
<i>Trypanosoma cruzi</i>	
 Venezuelan equine encephalitis virus	<ul style="list-style-type: none"> <li>Do not report qualitative IgG results</li> </ul>
  <i>Vibrio cholerae</i> , toxigenic O1 or O139	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services: <ul style="list-style-type: none"> <li>Isolates to within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
  <i>Vibrio</i> species other than toxigenic O1 or O139	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services: <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>

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# Tennessee Reportable Diseases and Conditions

## Detailed Laboratory Reporting Guidance

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Organism or analyte	Detailed guidance
  Viral hemorrhagic fever viruses	<ul style="list-style-type: none"> <li>Includes Bunyaviruses, Chapare, Crimean-Congo, Ebola, Guanarito, Junin, Lassa, Lujo, Machupo, Marburg, Rift Valley, and Sabia viruses</li> </ul>
West Nile virus	<ul style="list-style-type: none"> <li>Do not report qualitative IgG results</li> </ul>
Western equine encephalitis virus	<ul style="list-style-type: none"> <li>Do not report qualitative IgG results</li> </ul>
  Yellow fever virus	<ul style="list-style-type: none"> <li>Do not report qualitative IgG results</li> </ul>
  <i>Yersinia pestis</i>	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 2 weeks of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 <i>Yersinia</i> species other than <i>pestis</i>	<ul style="list-style-type: none"> <li>Do not report antibody results</li> <li>Submit both of the following to TDH Division of Laboratory Services:               <ul style="list-style-type: none"> <li>Isolates within 1 week of isolation</li> <li>CIDT specimens within 4 days of specimen collection</li> </ul> </li> </ul>
 Zika virus	

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