

Did you know that you are required to report certain diseases and conditions to the Tennessee Department of Health?

Laboratory reporting requirements apply to all providers located within TN, as well as those with patients residing in TN.

Labs must report all organisms and analytes listed below using one of these methods:



- **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.
- **Mail or fax** result to your local health office (<https://www.tn.gov/health/LocalDepartments>) or fax to the state health office at (615) 741-3857
- **Automatically** via electronic laboratory reporting (see below for details)
- **Online** via NBS (see below for details)
- **Special reporting instructions** for some diseases and conditions are contained on page 2.

Specimen or isolate submission to TDH Division of Laboratory Services

 Required  Upon request

For more information on specimen submission or special reporting instructions, see the Detailed Laboratory Reporting Guidance (<https://www.tn.gov/health/DetailedLabGuidance>). In the sections on page 1 there is a * after the disease name if there is an exception to the submission requirement.

Regardless of their inclusion in any of the other below categories of disease reporting, these clusters or conditions must be reported immediately via phone call to TDH:

-  Disease clusters or outbreaks, such as clusters of fungal meningitis cases or respiratory outbreaks of known or unknown etiology
-  Single case of pan-nonsusceptible organism or unusual resistance mechanism or other emerging or unusual pathogen

Call IMMEDIATELY and send result within 1 week

- Bacillus anthracis*
- Bacillus* species other than anthracis expressing anthrax
- Bacteria, Gram-negative diplococci from sterile sites or petechial or purpuric lesion scrapings
- Burkholderia mallei*
- Burkholderia pseudomallei*
- Clostridium botulinum* or botulinum toxin
- Influenza A virus, novel or pandemic strain
- Measles virus
- Middle East respiratory syndrome coronavirus (MERS-CoV)
- Neisseria meningitidis* from sterile sites or petechial or purpuric lesion scrapings
- Orthopoxvirus, monkeypox virus*
- Orthopoxvirus, variola virus
- Orthopoxvirus, other than monkeypox virus or variola virus*
- Poliovirus
- Rabies virus, human
- Ricin toxin
- Staphylococcus aureus*, enterotoxin B-producing from pulmonary sites
- Vibrio cholerae*, toxigenic O1 or O139
- Viral hemorrhagic fever viruses

*MPX or monkeypox virus and other orthopoxvirus other than variola do not require specimen submission

Additional Reporting Details

Phone calls are expected to be placed upon suspicion that a patient has an immediately or next business day reportable condition. Do not wait for clinical or lab confirmation before contacting TDH. TDH may direct you to submit a clinical specimen for lab confirmation, which will be faster than commercial lab turnaround times.

Call by NEXT Business day and send result within 1 week

- Bacteria from cerebrospinal fluid
- Bordetella pertussis**
- Brucella* species
- Candida auris*, including rule-out
- Chikungunya virus
- Corynebacterium diphtheriae*
- Corynebacterium ulcerans*
- Coxiella burnetii*
- Cronobacter* species in infants <12
- Eastern equine encephalitis*
- Francisella tularensis*
- Grimontia hollisae* (formerly *Vibrio hollisae*)
- Haemophilus influenzae* from sterile sites
- Hepatitis A virus
- Listeria* species
- Mumps virus
- Mycobacterium tuberculosis* complex, including *M. tuberculosis*, *M. bovis*, *M. canettii*, *M. africanum*, and *M. microti*
- Photobacterium damsela* (formerly *Vibrio damsela*)
- Rubella virus
- Salmonella* serotype Typhi or Paratyphi
- Staphylococcus aureus*, vancomycin nonsusceptible
- Streptococcus pyogenes* (group A strep) from sterile sites, muscle, fascia, or tendon
- Treponema pallidum*, congenital*
- Venezuelan equine encephalitis virus*
- Vibrio* species other than toxigenic O1 or O139
- Yellow fever virus
- Yersinia pestis*
- Zika virus

*Does not require specimen submission

Report within 1 week

- Acinetobacter* species, carbapenem-resistant
- Alpha-gal* syndrome
- Anaplasma phagocytophilum*
- Babesia* species
- Bacteria, acid fast bacilli
- Borrelia burgdorferi*
- Borrelia mayonii*
- California/LaCrosse serogroup viruses
- Campylobacter* species
- Candida* species other than *auris* in blood
- Carbapenemase-producing organism infection, including *Acinetobacter calcoaceticus-baumannii* complex, *Pseudomonas aeruginosa*, and any organism from the Enterobacterales order, including but not limited to, *Escherichia coli*, *Enterobacter species*, and *Klebsiella* species
- Carbapenem-resistant Enterobacterales
- Carboxyhemoglobin (COHb) >12.0%
- Chlamydia trachomatis*
- Clostridioides difficile*
- Clostridium tetani*
- Cryptosporidium* species
- Cyclospora* species
- Dengue virus
- Ehrlichia* species
- Enterococcus* species from sterile sites, vancomycin-resistant
- Escherichia coli*, extended spectrum beta lactamase-producing
- Escherichia coli* from sterile sites
- Escherichia coli*, Shiga toxin-producing (STEC)
- Hepatitis B virus
- Hepatitis C virus
- Human immunodeficiency virus (HIV)
- Klebsiella* species, extended spectrum beta lactamase-producing
- Legionella* species
- Mycobacterium leprae*
- Mycobacterium lepromatosis*
- Mycobacterium* species other than *tuberculosis* complex, *M. leprae*, and *M. lepromatosis* from non-respiratory sites
- Neisseria gonorrhoeae*
- Plasmodium* species
- Rabies virus, animal
- Rickettsia* species other than *R. typhus*
- Salmonella* serotypes other than Typhi or Paratyphi
- Shigella* species
- St. Louis encephalitis virus
- Staphylococcus aureus* from sterile sites
- Staphylococcus aureus*, toxin-producing (TSST-1)
- Streptococcus agalactiae* (group B) from sterile sites
- Streptococcus pneumoniae* from sterile sites
- Streptococcus pyogenes* (group A strep) from muscle, toxin-producing
- Treponema pallidum*, non-congenital
- Trypanosoma cruzi*
- West Nile virus
- Western equine encephalitis
- Yersinia* species other than *pestis*

Non-infectious conditions with specific reporting timeframes and mechanisms

Blood lead levels

- Blood lead level ≥ 3.5 $\mu\text{g/dL}$: send result within 1 week
- Blood lead level < 3.5 $\mu\text{g/dL}$: send result within 1 month

Blood lead levels can be entered online at

<https://leadinput.tennessee.edu/leadin/>, or reported via Excel template (email UT Extension at leadtrk@utk.edu for assistance)

Enhanced surveillance activities for selected catchment areas

Acinetobacter species, carbapenem-resistant

Candida species other than *auris* in blood

Carbapenem-resistant Enterobacterales

Clostridioides difficile

Escherichia coli, extended spectrum beta lactamase-producing

Escherichia coli from sterile sites

Klebsiella species, extended spectrum beta lactamase-producing

Staphylococcus aureus from sterile sites

All enhanced surveillance activities in TN require 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 ceds.informatics@tn.gov if you do not yet have a designated contact. Consult the Detailed Provider Guidance document for further details.

Specimen submission:



Required



Upon request

Additional Reporting Details

Electronic laboratory reporting (ELR)

ELR is the electronic submission of laboratory results that automates the process of sharing data with TDH using interoperability standards (<https://www.tn.gov/health/ELR>).

See the ELR Onboarding Handbook for details on the onboarding process, checklist, frequently asked questions, business rules, message format, and vocabulary (<https://www.tn.gov/health/ELROnboardingHandbook>).

To initiate the ELR 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 for assistance.

Online reporting through NBS system

NBS is TDH's reportable disease system. To request an NBS account for reporting, please fill out the user survey redcap.link/MorbidityReportAccount

Reporting Contents Specifications

Reports must include these minimum data elements:

- **Patient:** social security number, name, address, phone number, date of birth/death, sex, race, ethnicity, pregnancy status, and payment source for blood lead levels
- **Provider:** name, address, and phone number for reporting lab, performing lab, ordering provider, and ordering facility
- **Result:** accession number; specimen collection date, type, site, and source; test method; result; result date; and report date