

Did you know that you are required to report certain lab results to the Tennessee Department of Health (TDH)?

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

- **Mail or fax** 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 page 2 for details)
- **Online** via NBS (see page 2 for details)
- **Blood lead levels** can be reported via Excel template (request from UT Extension at leadtrk@utk.edu)

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

Reporting timeframes

- ! Call immediately and send result within 1 week
- ☎ Call by next business day and send result within 1 week
- UT Blood lead level $\geq 3.5 \mu\text{g/dL}$: send result within 1 week
Blood lead level $< 3.5 \mu\text{g/dL}$: send result within 1 month
- eip Send result within 1 month, refer to the Detailed Laboratory Guidance (<https://www.tn.gov/health/DetailedLabGuidance>) for catchment area
Send all other results within 1 week

Specimen or isolate submission to TDH Division of Laboratory Services

- 🧪 Required to submit to TDH Laboratory services
- 🧴 Requested to submit to TDH Laboratory services

For more information, see the **Detailed Laboratory Reporting Guidance** (<https://www.tn.gov/health/DetailedLabGuidance>)

- ! 🧴 Detection in one or more specimens of organisms or analytes not listed here that are of urgent public health significance
- ! 🧴 Pan-nonsusceptible organism or other unusual resistance pattern or resistance mechanism (see Appendix A of CLSI M100 document for additional information)

eip 🧴	<i>Acinetobacter</i> species, carbapenem-resistant
	<i>Anaplasma phagocytophilum</i>
	<i>Babesia</i> species
! 🧴	<i>Bacillus anthracis</i>
! 🧴	<i>Bacillus</i> species other than <i>anthracis</i> expressing anthrax Bacteria, acid fast bacilli
! 🧴	Bacteria, Gram-negative diplococci from sterile sites or petechial or purpuric lesion scrapings
☎ 🧴	Bacteria from cerebrospinal fluid
☎	<i>Bordetella pertussis</i>
	<i>Borrelia burgdorferi</i>
	<i>Borrelia mayonii</i>
☎ 🧴	<i>Brucella</i> species
! 🧴	<i>Burkholderia mallei</i>
! 🧴	<i>Burkholderia pseudomallei</i>
	California/LaCrosse serogroup viruses
	🧴 <i>Campylobacter</i> species
☎ 🧴	<i>Candida auris</i> , including rule-out
eip 🧴	<i>Candida</i> species other than <i>auris</i> in blood
	🧴 Carbapenemase-producing organism 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</i> species, and <i>Klebsiella</i> species
	Carboxyhemoglobin (COHb) >12.0%
☎	Chikungunya virus
	<i>Chlamydia trachomatis</i>

! 🧴	<i>Clostridium botulinum</i> or botulinum toxin
eip 🧴	<i>Clostridioides difficile</i>
	🧴 <i>Clostridium tetani</i>
☎ 🧴	<i>Corynebacterium diphtheriae</i>
☎ 🧴	<i>Corynebacterium ulcerans</i>
☎ 🧴	<i>Coxiella burnetii</i>
☎ 🧴	<i>Cronobacter</i> species in infants <12
	🧴 <i>Cryptosporidium</i> species
	🧴 <i>Cyclospora</i> species
	Dengue virus
☎	Eastern equine encephalitis
	<i>Ehrlichia</i> species
	<i>Enterococcus</i> species from sterile sites, vancomycin-resistant
eip 🧴	<i>Escherichia coli</i> , extended spectrum beta lactamase-producing
eip 🧴	<i>Escherichia coli</i> from sterile sites
☎ 🧴	<i>Escherichia coli</i> , Shiga toxin-producing (STEC)
☎ 🧴	<i>Francisella tularensis</i>
☎ 🧴	<i>Grimontia hollisae</i> (formerly <i>Vibrio hollisae</i>)
☎ 🧴	<i>Haemophilus influenzae</i> from sterile sites
☎	Hepatitis A virus
	Hepatitis B virus
	Hepatitis C virus
	Human immunodeficiency virus (HIV)
! 🧴	Influenza A virus, novel or pandemic strain

eip		<i>Klebsiella</i> species, extended spectrum beta lactamase-producing
UT		Lead levels from blood
		<i>Legionella</i> species
		<i>Listeria</i> species
!		Measles virus
!		Middle East respiratory syndrome coronavirus (MERS-CoV)
		Mumps virus
		<i>Mycobacterium leprae</i>
		<i>Mycobacterium lepromatosis</i>
		<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>
		<i>Mycobacterium</i> species other than <i>tuberculosis</i> complex, <i>M. leprae</i> , and <i>M. lepromatosis</i> from non-respiratory sites
		<i>Neisseria gonorrhoeae</i>
!		<i>Neisseria meningitidis</i> from sterile sites or petechial or purpuric lesion scrapings
!		Orthopoxvirus, monkeypox virus
!		Orthopoxvirus, variola virus
!		Orthopoxvirus, other than monkeypox virus or variola virus
		<i>Photobacterium damsela</i> (formerly <i>Vibrio damsela</i>)
		<i>Plasmodium</i> species
!		Poliovirus
		Rabies virus, animal
!		Rabies virus, human
!		Ricin toxin

		<i>Rickettsia</i> species other than <i>R. typhus</i>
		Rubella virus
		<i>Salmonella</i> serotype Typhi or Paratyphi
		<i>Salmonella</i> serotypes other than Typhi or Paratyphi
		<i>Shigella</i> species
		St. Louis encephalitis virus
!		<i>Staphylococcus aureus</i> , enterotoxin B-producing from pulmonary sites
eip		<i>Staphylococcus aureus</i> from sterile sites
		<i>Staphylococcus aureus</i> , toxin-producing (TSST-1)
		<i>Staphylococcus aureus</i> , vancomycin nonsusceptible
		<i>Streptococcus agalactiae</i> (group B) from sterile sites
		<i>Streptococcus pneumoniae</i> from sterile sites
		<i>Streptococcus pyogenes</i> (group A strep) from sterile sites, muscle, fascia, or tendon
		<i>Streptococcus pyogenes</i> (group A strep) from muscle, toxin-producing
		<i>Treponema pallidum</i> , congenital
		<i>Treponema pallidum</i> , non-congenital
		<i>Trypanosoma cruzi</i>
		Venezuelan equine encephalitis virus
!		<i>Vibrio cholerae</i> , toxigenic O1 or O139
		<i>Vibrio</i> species other than toxigenic O1 or O139
!		Viral hemorrhagic fever viruses
		West Nile virus
		Western equine encephalitis
		Yellow fever virus
		<i>Yersinia pestis</i>
		<i>Yersinia</i> species other than <i>pestis</i>
		Zika virus

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/tpr>). 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.

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