

# Mississippi State Department of Health

## List of Reportable Diseases and Conditions

Reporting Hotline: 1-800-556-0003  
(Monday - Friday, 8:00 am - 5:00 pm)

To report inside the Jackson telephone area or for consultative services  
Monday – Friday, 8:00 am – 5:00 pm: (601) 576-7725

	Phone	Fax
Epidemiology	(601) 576-7725	(601) 576-7497
STD/HIV	(601) 576-7723	
TB	(601) 576-7700	

Mail reports to: Office of Epidemiology, Mississippi State Department of Health, Post Office Box 1700, Jackson, Mississippi 39215-1700

### Class 1A Conditions should be reported within 24 hours (nights, weekends and holidays by calling: (601) 576-7400)

**Class 1A: Diseases of major public health importance which shall be reported directly to the Department of Health by telephone within 24 hours of first knowledge or suspicion. Class 1A diseases and conditions are dictated by requiring an immediate public health response. Laboratory directors have an obligation to report laboratory findings for selected diseases (refer to Appendix B of the Rules and Regulations Governing Reportable Diseases and Conditions).**

**Any Suspected Outbreak (including but not limited to foodborne, waterborne, COVID-19, and respiratory outbreaks)**

Anthrax	Hepatitis A	Ricin intoxication (castor beans)
Botulism (including foodborne, infant or wound)	Influenza-associated pediatric mortality (<18 years of age)	SARS-CoV-2-associated pediatric mortality (<18 years of age)
Brucellosis	Measles	SARS-CoV-2-associated mortality in pregnancy
Congenital Zika virus infection (including Congenital Zika Syndrome)	Melioidosis	Smallpox
Diphtheria	<i>Neisseria meningitidis</i> Invasive Disease <sup>†‡</sup>	Tuberculosis
<i>Escherichia coli</i> O157:H7 and any shiga toxin-producing <i>E. coli</i> (STEC)	Pertussis	Tularemia
Glanders	Plague	Typhus fever
<i>Haemophilus influenzae</i> Invasive Disease <sup>†‡</sup>	Poliomyelitis	Viral hemorrhagic fevers (filoviruses [e.g., Ebola, Marburg] and arenaviruses [e.g., Lassa, Machupo])
Hemolytic uremic syndrome (HUS), post-diarrheal	Psittacosis	
	Q Fever	
	Rabies (human or animal)	

**Any unusual disease or manifestation of illness, including but not limited to the appearance of a novel or previously controlled or eradicated infectious agent, or biological or chemical toxin.**

<sup>†</sup>Usually presents as meningitis or septicemia, or less commonly as cellulitis, epiglottitis, osteomyelitis, pericarditis or septic arthritis.

<sup>‡</sup>Specimen obtained from a normally sterile site.

### Class 1B Conditions should be reported within 24 hours (within one business day)

**Class 1B: Diseases of major public health importance which shall be reported directly to the Department of Health by telephone within one business day after first knowledge or suspicion. Class 1B diseases and conditions require individual case investigation, but not an immediate public health response. Laboratory directors have an obligation to report laboratory findings for selected diseases (refer to Appendix B of the Rules and Regulations Governing Reportable Diseases and Conditions).**

Arboviral infection including but not limited to:	Chancroid	<i>Staphylococcus aureus</i> ,
California encephalitis virus	Cholera	vancomycin resistant (VRSA) or
Chikungunya virus	Encephalitis (human)	vancomycin intermediate (VISA)
Dengue	HIV infection-including AIDS	Syphilis (including congenital)
Eastern equine encephalitis virus	Legionellosis	Typhoid Fever
LaCrosse virus	Non-cholera <i>Vibrio</i> disease	Varicella infection, primary, in patients >15 years of age
St. Louis encephalitis virus	SARS-CoV-2-associated Multisystem Inflammatory Syndrome in Children (MIS-C) (<21 years of age)	Yellow Fever
West Nile virus		
Western equine encephalitis virus		
Zika virus		

**Class 2: Diseases or conditions of public health importance of which individual cases shall be reported by mail, telephone, fax or electronically, within 1 week of diagnosis. In outbreaks or other unusual circumstances they shall be reported the same as Class 1A. Class 2 diseases and conditions are those for which an immediate public health response is not needed for individual cases.**

<i>Chlamydia trachomatis</i> , genital infection	HIV infection in pregnancy	Poisonings <sup>**</sup> (including elevated blood lead levels <sup>***</sup> )
Creutzfeldt-Jakob Disease, including new variant	Listeriosis	Rocky Mountain spotted fever
Ehrlichiosis	Lyme disease	Rubella (including congenital)
<i>Enterococcus</i> , invasive infection <sup>‡</sup> , vancomycin resistant	Malaria	Spinal cord injuries
Gonorrhea	Meningitis <b>other</b> than Meningococcal or <i>Haemophilus influenzae</i>	<i>Streptococcus pneumoniae</i> , invasive infection <sup>‡</sup>
Hepatitis (acute, viral only) <b>Note</b> - Hepatitis A requires Class 1A Report	Mumps	Tetanus
Hepatitis B infection in pregnancy	<i>M. tuberculosis</i> Infection (positive TST or IGRA <sup>*</sup> )	Trichinosis
		Viral encephalitis in horses and rhesus <sup>****</sup>

<sup>‡</sup>Specimen obtained from a normally sterile site.

<sup>\*</sup>TST-tuberculin skin test; IGRA-Interferon-Gamma Release Assay (to include size of TST in millimeters and numerical results of IGRA testing).

<sup>\*\*</sup>Reports for poisonings shall be made to Mississippi Poison Control Center, UMMC 1-800-222-1222.

<sup>\*\*\*</sup>Elevated blood lead levels (as designated below) should be reported to the MSDH Lead Program at (601) 576-7447.

Blood lead levels (venous)  $\geq 3.5 \mu\text{g/dL}$  in patients less than or equal to 6 years of age.

<sup>\*\*\*\*</sup>Except for rabies and equine encephalitis, diseases occurring in animals are not required to be reported to the MSDH.

**Class 3: Laboratory based surveillance. To be reported by laboratories only. Diseases or conditions of public health importance of which individual laboratory findings shall be reported by mail, telephone, fax or electronically within one week of completion of laboratory tests (refer to Appendix B of the Rules and Regulations Governing Reportable Diseases and Conditions).**

All blood lead test results in patients $\leq 6$ years of age	Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA)	Hepatitis C infection
Campylobacteriosis	CD4 count and HIV viral load <sup>*</sup>	Nontuberculous mycobacterial disease
<i>Candida auris</i>	Chagas Disease ( <i>American trypanosomiasis</i> )	Salmonellosis
Carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB)	Cryptosporidiosis	Shigellosis
Carbapenem-resistant <i>Enterobacteriaceae</i> (CRE)	Hansen disease (Leprosy)	

<sup>\*</sup>HIV associated CD4 (T4) lymphocyte results of any value and HIV viral load results, both detectable and undetectable.

**Class 4: Diseases of public health importance for which immediate reporting is not necessary for surveillance or control efforts. Diseases and conditions in this category shall be reported to the Mississippi Cancer Registry within six months of the date of first contact for the reportable condition.**

The National Program of Cancer Registries at the Centers for Disease Control and Prevention requires the collection of certain diseases and conditions. A comprehensive reportable list including ICD9CM/ICD10CM codes is available on the Mississippi Cancer Registry website,

<https://www.unc.edu/cancerinstitute/Cancer-Research/Cancer-Registries/Mississippi%20Cancer%20Registry/Resources/Overview.html>.

Each record shall provide a minimum set of data items which meets the uniform standards required by the National Program of Cancer Registries and documented in the North American Association of Central Cancer Registries (NAACCR).

For further information, please refer to the Mississippi State Department of Health's website at [www.msdh.ms.gov](http://www.msdh.ms.gov).

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# Laboratory Results that must be Reported to the Mississippi State Department of Health

Laboratories shall report these findings to the MSDH at least **WEEKLY**. Diseases in **bold type** are Class 1A diseases and shall be reported immediately by telephone. Isolates of organisms marked with a dagger (†) shall be sent to the MSDH Public Health Laboratory (PHL). All referring laboratories should call the PHL at (601) 576-7582 prior to shipping any isolate. Confirmatory tests for some of these results may be obtained by special arrangement through the Epidemiology Program at (601) 576-7725.

## Positive Bacterial Cultures or Direct Examinations (including PCR)

### Result

Any bacterial agent in CSF  
*Bacillus anthracis* †  
*Bordetella pertussis*  
*Borrelia burgdorferi* †  
*Brucella* species †  
*Burkholderia mallei* †  
*Burkholderia pseudomallei* †  
*Campylobacter* species  
Carbapenem-resistant *Acinetobacter baumannii* †  
Carbapenem-resistant *Enterobacteriaceae* †  
Carbapenem-resistant *Pseudomonas aeruginosa* †  
*Chlamydia psittaci*  
*Chlamydia trachomatis*  
*Clostridium botulinum* †\*\*  
*Clostridium tetani*  
*Corynebacterium diphtheriae* †  
*Coxiella burnetii* †  
Ehrlichia species  
*Enterococcus* species,\* vancomycin resistant  
*Escherichia coli* O157:H7 and any shiga toxin-producing *E. coli* (STEC) †  
*Francisella tularensis* †  
*Grimontia hollisae* †  
*Haemophilus ducreyi*  
*Haemophilus influenzae* †\*  
*Legionella* species  
*Listeria monocytogenes* †  
*Mycobacterium* species  
*Mycobacterium tuberculosis* †  
*Neisseria gonorrhoeae*  
*Neisseria meningitidis* †\*  
*Photobacterium damsela* †  
*Rickettsia prowazekii*  
*Rickettsia rickettsia*  
*Salmonella* species, not *S. typhi* †  
*Salmonella typhi* †  
*Shigella* species †  
*Staphylococcus aureus*, vancomycin resistant or vancomycin intermediate †  
*Streptococcus pneumoniae*\*††  
*Vibrio cholerae* †  
*Vibrio* species †  
*Yersinia pestis* †

† Isolates of organism shall be sent to the MSDH PHL. All referring laboratories should call the PHL at (601) 576-7582 prior to shipping any isolate.

†† Isolates should be sent to the Mississippi State Department of Health Public Health Laboratory for specimens obtained from a normally sterile site in patients ≤12 years of age.

\*Specimen obtained from a normally sterile site (usually blood or cerebrospinal fluid, or, less commonly, joint, pleural, or pericardial fluid). **Do not report throat or sputum isolates.**

\*\*Contact the MSDH Epidemiology Program at (601) 576-7725 or the PHL at (601) 576-7582 for appropriate tests when considering a diagnosis of botulism.

### Reportable Disease

Bacterial meningitis  
**Anthrax**  
**Pertussis**  
Lyme disease  
**Brucellosis**  
**Glanders**  
**Melioidosis**  
Campylobacteriosis  
Carbapenem-resistant *Acinetobacter baumannii* (CRAB)  
Carbapenem-resistant *Enterobacteriaceae* (CRE)  
Carbapenem-resistant *Pseudomonas aeruginosa* (CRPA)  
**Psittacosis**  
*Chlamydia trachomatis* genital infection  
**Botulism**  
Tetanus  
**Diphtheria**  
**Q fever**  
Ehrlichiosis  
*Enterococcus* infection, invasive vancomycin resistant  
***Escherichia coli* O157:H7 and any shiga toxin-producing *E. coli* (STEC)**  
**Tularemia**  
Noncholera *Vibrio* disease  
Chancroid  
***Haemophilus influenzae* infection, invasive**  
Legionellosis  
Listeriosis  
Nontuberculous mycobacterial disease  
**Tuberculosis**  
Gonorrhea  
***Neisseria meningitidis* infection, invasive**  
Noncholera *Vibrio* disease  
**Typhus Fever**  
Rocky Mountain spotted fever  
Salmonellosis  
Typhoid fever  
Shigellosis  
*Staphylococcus aureus* vancomycin resistant (VRSA) or vancomycin intermediate (VISA)  
*Streptococcus pneumoniae*, invasive infection  
Cholera  
Noncholera *Vibrio* disease  
**Plague**

## Positive Serologic Tests For:

Arboviral agents including but not limited to those due to: California encephalitis virus (IgM) Chikungunya virus (IgM) Dengue (IgM) Eastern equine encephalitis virus (IgM) LaCrosse virus (IgM) St. Louis encephalitis virus (IgM) Western equine encephalitis virus (IgM) West Nile virus (IgM) Zika virus	<i>Chlamydia trachomatis</i> genital infection Dengue Ehrlichiosis (IgM and IgG) <b>Hepatitis A</b> (anti-HAV IgM) Hepatitis B (anti-HBc IgM) Hepatitis B (HBsAg) in pregnancy Hepatitis C HIV infection Legionellosis <sup>§</sup> (including urine Ag) Lyme disease (IgM and IgG, including Western Blot) Malaria <b>Measles (IgM)</b> Mumps (IgM)	<i>M. tuberculosis</i> infection (IGRA) <b>Plague</b> <b>Poliomyelitis</b> <b>Psittacosis</b> Rocky Mountain spotted fever (IgM and IgG) Rubella (IgM) Syphilis <b>Smallpox</b> Trichinosis Varicella infection, primary in patients >15 years of age (IgM) Yellow fever (IgM)
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<sup>§</sup> Serologic confirmation of an acute case of legionellosis cannot be based on a single titer. There must be a four-fold rise in titer to >1:128 between acute and convalescent specimens.

## Positive Parasitic Cultures or Direct Examinations (including PCR)

<b>Result</b> Any parasite in CSF † <i>Cryptosporidium parvum</i> <i>Trypanosoma cruzi</i> <i>Plasmodium</i> species †	<b>Reportable Disease</b> Parasitic meningitis Cryptosporidiosis Chagas Disease ( <i>American Trypanosomiasis</i> ) Malaria
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## Positive Blood Chemistries

ALL blood lead test results in patients less than or equal to 6 years of age are reportable to the MSDH Lead Program at (601) 576-7447.

## Positive Fungal Cultures or Direct Examinations

<b>Result</b> Any fungus in CSF <i>Candida auris</i> †	<b>Reportable Disease</b> Fungal meningitis <i>Candida auris</i>
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## Positive Toxin Identification

**Ricin toxin from *Ricinus communis* (castor beans)**  
**Shiga toxin (*Escherichia coli*)**

## Positive Viral Cultures or Direct Examinations (including PCR)

Any virus in CSF Arboviral agents including but not limited to those due to: California encephalitis virus Chikungunya virus Dengue virus, serotype 1, 2, 3 or 4 Eastern equine encephalitis virus LaCrosse virus St. Louis encephalitis virus Western equine encephalitis virus West Nile virus Zika virus	Arenaviruses ( <b>Viral Hemorrhagic Fevers</b> ) Filoviruses ( <b>Viral Hemorrhagic Fevers</b> ) Poliovirus, type 1, 2 or 3 Varicella virus Variola virus ( <b>Smallpox</b> ) Yellow fever virus
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## Surgical Pathology results

All parasites  
Creutzfeldt-Jakob Disease, including new variant  
Hansen disease (*Mycobacterium leprae*)  
**Human rabies**  
Malignant neoplasms  
Mycobacterial disease including **Tuberculosis**  
Trichinosis

## Acid Fast Bacilli Smears

Any smear positive for acid-fast bacillus (**Tuberculosis**)

For further information, please refer to the Mississippi State Department of Health's website at [www.msdh.ms.gov](http://www.msdh.ms.gov).

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