



To report a case please contact:

Colorado Department of Public Health & Environment
4300 Cherry Creek Drive South
Denver, CO 80246
Phone: 303-692-2700
Toll Free Phone: 1-800-866-2759
Confidential Fax: 303-782-0338
Toll Free Fax: 1-800-811-7263
Evening/weekend hours: 303-370-9395

Isolates/clinical material should be sent to:

8100 Lowry Blvd.
Denver, CO 80000
Phone: 303-692-3090

Effective: October 15, 2014

**COLORADO BOARD OF HEALTH
CONDITIONS REPORTABLE BY ALL LABORATORIES
COLLECTING SPECIMENS OR PERFORMING TESTS IN COLORADO**

The list below applies to laboratories. Physicians and hospitals have separate reporting requirements. A case must be reported to the state or local health department following diagnosis within the timeframe indicated.
(Infection in Colorado residents diagnosed out-of-state should also be reported.)

24-Hour Reportables

Any result diagnostic of or highly correlated with clinical illness for the following organisms:

Bacillus anthracis (Anthrax)	Measles (Rubeola) (acute infection)	Rubella (acute infection)
Bordetella pertussis (Pertussis)	Mycobacterium tuberculosis (Tuberculosis) (Including + AFB sputum smears)	Salmonella Typhi (Typhoid fever)
Clostridium botulinum (Botulism)	Neisseria meningitidis* (Meningococcal Disease) or Gram-negative diplococci	Severe Acute Respiratory Syndrome (SARS)
Corynebacterium diphtheriae (Diphtheria)	Polio virus (Poliomyelitis)	Smallpox
Haemophilus influenzae*	Rabies	Treponema pallidum (Syphilis)
Hepatitis A (anti-HAV IGM only)		Vibrio cholerae (Cholera)
		Yersinia pestis (Plague)

* (+) culture from a normally sterile site

7-Day Reportables

Any result diagnostic of or highly correlated with clinical illness for the following organisms:

Borrelia burgdorferi (Lyme Disease)	Dengue Fever	Mumps
Borrelia species (Tick-borne Relapsing Fever)	Eastern Equine encephalitis virus	Neisseria gonorrhoeae (Gonorrhea)
Brucella species	Escherichia coli O157:H7 * & Shiga Toxin-Producing E.coli	Plasmodium species (Malaria)
California serogroup virus (La Crosse, etc.)	Francisella tularensis (Tularemia)	Powassan virus
Campylobacter species	Giardia lamblia	Rickettsia species (Rocky Mountain Spotted Fever, Typhus)
Carbapenem non-susceptible (or carbapenemase +) E.coli, Klebsiella species and Enterobacter species (CRE)	Haemophilus ducreyi (Chancroid)	Salmonella species
CD4 count <500/mm ³ or CD4%<29%	Hantavirus	Shigella species
Chikungunya virus	Hepatitis B virus (+HBsAg, +IgM anti-HBc, +HBeAg, or +HBV DNA)	Streptococcus pneumoniae (+ culture from a normally sterile site)
Chlamydia psittaci (Psittacosis)	Hepatitis C virus (+ serum antibody titer, including signal to cut-off ratio, or more specific + tests)	St. Louis encephalitis
Chlamydia trachomatis (Chlamydia)	Human immunodeficiency virus (HIV) **	Vancomycin-resistant Staphylococcus aureus (any site)
Colorado Tick Fever	Jamestown Canyon virus	Varicella (Chicken Pox)
Coxiella burnetii (Q Fever)	Legionella species	Vibrios, non-cholera
Cryptosporidium species	Listeria monocytogenes	Western equine encephalitis virus
Cyclospora species		West Nile virus (acute infection)

Reportable in Denver Metropolitan Area Counties Only (Adams, Arapahoe, Denver, Douglas & Jefferson)

- Carbapenem non-susceptible Acinetobacter baumannii (CRAB) (positive culture from normal sterile site or urine) (30d)
- Clostridium difficile (any positive test) (30d)
- Group A streptococci (positive culture from a normally sterile site) (7d)
- Group B streptococci (positive culture from a normally sterile site) (7d)
- Methicillin resistant Staphylococcus aureus (**MRSA**) (positive culture from a normally sterile site) (30d)
- Yersinia non-pestis (includes the above counties with the addition of Boulder & Broomfield counties) (7d)

Environmental, Occupational and Chronic Conditions

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| If age >18 yrs:
blood lead level >25ug/dL (30d) | Blood mercury >0.5 ug/dL and Urine mercury >20ug/L (30d) |
| If age ≤ 18 yrs, all blood lead levels (7d if > 10ug/dL, otherwise 30d) | Chromosomal abnormalities and neural tube defects diagnosed by prenatal testing or by genetic testing in Colorado residents through the 3 rd birthday (90d) |

Immediate reporting by phone is required of any illness suspected to be caused by Biological, Chemical, or Radiologic Terrorism

All reports should include:

1. Name of disease or condition
2. Patient's name
3. Patient's date of birth, sex, race, ethnicity
4. Patient's home address and phone
5. Physician's name, address and phone
6. Lab info – test name, collection date and specimen type

Disease Report Forms can be downloaded from:

<https://www.colorado.gov/cdphe/report-a-disease>

Please fax completed Disease Report Form to 303-782-0338.

To sign up for web-based reporting using

Colorado Electronic Disease Reporting System (CEDRS)

<https://www.colorado.gov/cdphe/report-a-disease>

Click on the above link and print the following from this website:

Click on: **CEDRS and Zoonoses application**

Secure External Web user form (PDF file); and

Supervisor Letter (to be printed on your facility letterhead)

Please fax the completed paperwork to 303-782-0338



Guidance for Clinical Microbiology Laboratories on Isolate Submission

The CDPHE Communicable Disease Epidemiology Section requests clinical microbiology laboratories send certain culture **isolates and or clinical material*** to the CDPHE laboratory in addition to reporting positive lab results. The CDPHE laboratory performs additional testing [serotyping, serogrouping, pulsed field gel electrophoresis (PFGE)] on submitted isolates to identify outbreaks due to common strains or sub-types and to better understand the pathogens.

CDPHE requests all clinical microbiology laboratories in Colorado submit the following suspected or confirmed isolates or clinical material to the CDPHE laboratory:

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| <ul style="list-style-type: none"> • <i>Bacillus anthracis</i> • <i>Brucella</i> species • <i>Corynebacterium diphtheriae</i> • <i>Cyclospora cayetanensis</i> • <i>Escherichia coli</i> O157 and Shiga toxin-producing <i>E. coli</i>* • <i>Francisella tularensis</i> • <i>Haemophilus influenzae</i> (invasive body site^a) • <i>Neisseria meningitidis</i> (invasive body site^a) • <i>Legionella</i> species | <ul style="list-style-type: none"> • <i>Listeria monocytogenes</i> (from each positive specimen) • <i>Salmonella</i> species (including typhi and non-typhi species)* • <i>Shigella</i> species* • <i>Vibrio cholerae</i>* • <i>Vibrio non-cholerae</i>* • Vancomycin-resistant (and intermediate) <i>Staphylococcus aureus</i> • <i>Yersinia pestis</i> |
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*If non-culture based methods are used to detect Shiga toxin, suspected *E. coli* O157, *Salmonella*, *Shigella*, or *Vibrio*, please forward inoculated broth or stool specimen to the CDPHE lab.

In addition to the above, CDPHE also requests clinical laboratories located in the 7-county Denver metropolitan area (Emerging Infections Program [EIP]: Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, and Jefferson counties) submit isolates of the following bacteria:

- Group A streptococci (GAS) from invasive body sites^{a,b}
- Group B streptococci (GBS) from invasive body sites^{a,c}
- *Streptococcus pneumoniae* from invasive body sites^a
- *Yersinia non-pestis* from any body site
- *Bordetella pertussis* from any respiratory specimen

Invasive Body Sites ^a (including, but not limited to):	
• Blood	• Joint/synovial fluid
• CSF	• Internal body site (brain, heart, lymph node, liver, kidney, pancreas, ovary, spleen, or vitreous fluid)
• Bone	• Vascular tissue (aorta, vena cava, etc.)
• Pleural fluid	• Muscle tissue (GAS only)
• Peritoneal fluid	
• Pericardial fluid	

Isolate Submission: For questions about isolate submission or shipping instructions, please call: CDPHE Public Health Microbiology Laboratory -- 303-692-3480

To order supplies for shipping isolates, please visit: <https://www.colorado.gov/pacific/cdphe/order-lab> and click on 'Public health testing supply order form'

Disease Reporting: To report a case, please call:

Integrated Disease Reporting Program during business hours: 303-692-2700 or 1-800-866-2759

To report 24-hour reportable conditions on evenings, weekends, or holidays: 303-370-9395

A list of conditions reportable by all laboratories is available by calling 303-692-2700, or online at <https://www.colorado.gov/pacific/cdphe/report-a-disease> and click on 'Conditions reportable by all laboratories'

^a For clarification on whether an isolate meets the definition for 'invasive body site', please contact one of the EIP epidemiologists (Deborah, Ben, Jennifer, or Claire) at 303-692-2700 for guidance.

^b If GAS is isolated from a wound or surgical tissue/specimen and is accompanied by necrotizing fasciitis or Streptococcal Toxic Shock Syndrome, it should be considered a case for EIP, with submission of the isolate and reporting of the case.

^c If GBS is isolated from placenta and/or amniotic fluid AND a fetal death occurs, it may be considered a maternal case for EIP, and the isolate is requested. However, routine submission of all GBS isolates from placental/amniotic fluid specimens is not required; should such isolates be submitted to the state lab, EIP epidemiologists will review the patient's medical chart to ascertain whether the patient meets the EIP case definition.

Additional notes:

- (1) *Campylobacter*, *Cryptosporidium parvum*, *Clostridium difficile*, and MRSA need to be reported on monthly line lists (submitted to EIP epidemiologist) but isolates do not need to be submitted, **unless an agreement is already in place to send them.**
- (2) Isolates for carbapenem-resistant *Enterobacteriaceae* and carbapenem-resistant *Acinetobacter* do not need to be submitted, **unless an agreement is already in place to send them.**
- (3) CDPHE requests that isolates/specimens of any organism relating to an outbreak be submitted to the state laboratory to assist in the investigation. In this situation, CDPHE epidemiologists will contact the reporting laboratory.