

CDC Diseases List

Name	Scientific Name	Symptoms
Anthrax	<i>Bacillus anthracis</i>	Difficulty breathing, tissue edema, bleeding
Arboviral diseases	Any of several viruses	Fever, headache, rash
Botulism	<i>Clostridium botulinum</i>	Muscle weakness, facial paralysis, spreading to limbs, then respiratory failure
Brucellosis	<i>Brucella spp</i>	Profuse sweating, joint, muscle pain, fever undulates over the weeks
Chancroid	<i>Haemophilus ducreyi</i>	Sexually transmitted; small bump transforms into an ulcer within a day (3-50mm); ulcers are painful, bleed easily, have a sharply-defined, undermined, ragged border
Chlamydia trachomatis infection	<i>Chlamydia trachomatis</i>	Sexually transmitted; often symptomless in women, but maybe causing fever, painful urination/intercourse, abdominal pain, vaginal bleeding; men show urethritis, fever, light discharge, swollen/tender testicles, epididymitis and possible sterility within 8 weeks
Cholera	<i>Vibrio cholerae</i>	Sudden profuse watery diarrhea, dehydration, electrolyte loss, painful abdomen, vomiting
Cryptosporidiosis	<i>Cryptosporidium</i>	Appear about 7 days after infection, last up to 4 weeks; asymptomatic or acute or persistent watery diarrhea with mucosal discharge; abdominal pain; HIV patients presenting with diarrhea; may result in pancreatitis
Cyclosporiasis	<i>Cyclospora cayetanensis</i>	One week incubation, followed by bloating, fever, muscle ache, stomach cramps, watery diarrhea,
Dengue	Flavivirus	Mosquito transmitted; Sudden fever with severe headache, muscle, and joint pain; later hemorrhagic rash on chest and lower limbs
Diphtheria	<i>Corynebacterium diphtheriae</i>	Incubation of 2-5 days; sore throat, mild fever, pseudomembrane on tonsils, pharynx, and/or nasal cavity; swollen neck (bull neck), trouble swallowing, low blood pressure
Ehrlichiosis or Anaplasmosis	<i>Ehrlichia</i> and <i>Anaplasma</i>	Tick-borne infection; headache, muscle ache, fatigue; sometimes rash; depressed immune system

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Giardiasis	<i>Giardia lamblia</i>	Intestinal cramps, explosive diarrhea, vomiting, fever; chronic weight loss, lactose intolerance, malnutrition
Gonorrhea	<i>Neisseria gonorrhoeae</i>	Sexually transmitted; symptoms in 2-30 days; males = painful urination & yellowish discharge; females = vaginal discharge, difficult urination, bleeding, inflamed cervix
Haemophilus influenzae, invasive disease	<i>Haemophilus influenzae</i>	Respiratory tract infections; Meningitis (fever, headache, stiff neck, photophobia); bacterial pneumonia; sepsis; arthritis; fatigue;
Hansen disease (leprosy)	<i>Mycobacterium leprae</i> ; <i>M. lepromatosis</i>	Skin lesions, progressing to permanent damage to skin, nerves, limbs, and eyes
Hantavirus pulmonary syndrome	Hantavirus	Flu-like (fever, chills, muscle aches) then a break, then shortness of breath and respiratory failure; headache, dry cough, nausea/vomiting; rapid heart beat (tachycardia)
Hemolytic uremic syndrome, post-diarrheal	<i>Escherichia coli</i> O157:H7	Mostly in children, following diarrhea caused by <i>E. coli</i> O157:H7; hemolytic anemia, acute renal failure (uremia) and a low platelet count (thrombocytopenia)
Hepatitis	Hepatitis viruses	Jaundice, anorexia (poor appetite), and malaise; flu-like symptoms; swelling of the liver
HIV infection*	Human immunodeficiency virus	Symptoms are usually the result of conditions that do not normally affect individuals with healthy immune systems
Influenza-associated pediatric mortality	Influenza virus	Flu-like (fever, headache, muscle ache, tiredness, loss of appetite) resulting in death
Legionellosis	<i>Legionella pneumophila</i>	Fever, chills, cough, pneumonia; 2-14 day lag period
Listeriosis	<i>Listeria monocytogenes</i>	Fever, muscle ache, nausea, diarrhea, meningitis (headache, stiff neck, loss of balance, convulsions); pregnant women = flu-like symptoms, miscarriage, stillbirth, early delivery; often caused by eating contaminated food products

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Lyme disease	<i>Borrelia burgdorferi</i>	Tick transmitted; flu-like symptoms first (fever, chills, headache, lethargy, muscle pain), bulls-eye rash or raised red bump at bite site with clear center area (1-3"); later symptoms whole body itching, joint inflammation, stiff neck, strange behavior
Malaria	<i>Plasmodium falciparum</i>	Mosquito transmitted 10-14 day lag; High fever, shivering, convulsions, joint pain; cycles of coldness, rigor, then high fever/sweating (every 6 hours; cycling every 2-3 days)
Measles	Morbillivirus	Fever, cough, runny nose, red eyes, rash within 3-5 days of first symptoms starting at head then down body, itchy, white spots in mouth
Meningococcal disease	<i>Neisseria meningitidis</i>	Meningitis (headache, stiff neck, loss of balance, convulsions), high fever, purpura (subcutaneous bleeding), petechia (red spots); meningococemia (flu-like symptoms), seizures; photophobia
Mumps	Mumps virus	Flu-like (fever, headache, muscle ache, tiredness, loss of appetite), swelling of face below ears; orchitis in males
Novel influenza A virus infections	Influenzavirus A	Flu-like (fever, headache, muscle ache, tiredness, loss of appetite)
Pertussis	<i>Bordetella pertussis</i>	Cold-like symptoms within a week, develops into violent coughing that causes a "whooping" sound when patient tries to take a breath; may lead to vomiting, choking, and temporary loss of consciousness; low fever, diarrhea, runny nose
Plague	<i>Yersinia pestis</i>	Flea transmitted or enters through skin; in 2-5 days symptoms include painful/swollen lymph glands (and also at entry site), flu-like symptoms (fever, muscle pain, chills, headache); seizures; bloody urine, extreme pain, lenticulae (black dots across the body); 66% chance of death w/in a week if untreated

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Poliovirus infection, nonparalytic	Poliovirus	Usually asymptomatic, but possible flu-like symptoms (fever, muscle pain, chills, headache); onset of paralysis (any parts), difficulty breathing
Psittacosis	<i>Chlamydophila psittaci</i>	From exposure to infected birds after 5-15 days; asymptomatic to severe atypical pneumonia symptoms; prostrating fevers, chills, headache, muscle ache, dry cough (blood-tinged sputum), conjunctivitis, rose spots on skin
Q Fever	<i>Coxiella burnetii</i>	From associating with livestock, birthing of livestock, especially; incubation of 2-3 weeks, followed by flu-like symptoms accompanied by profuse sweating; chest pain w/breathing, joint pain, clay-colored stool, shortness of breath,
Rabies	Rabies virus	Following a bite from an infected mammal; usually w/in 3-7 weeks; anxiety, drooling, muscle spasms or loss of control/convulsions, numbness,
Rubella	Rubella virus	Asymptomatic to 1-2 days of mild fever, headache, runny nose, malaise, rash on face spreading downwards, lasting up to 3 days
Rubella, congenital syndrome	Rubella virus	In newborns from pregnant mothers infected in the first trimester or before; sensorineural deafness, cataracts or microphthalmia, and congenital heart disease
Salmonellosis	<i>Salmonella</i>	Usually from food eaten; 8-72 hours after infection; diarrhea, fever, vomiting, abdominal cramps;
Severe Acute Respiratory Syndrome-associated Coronavirus (SARS-CoV) disease	SARS-CoV	Flu-like (fever above 100.4F, headache, muscle ache, tiredness, gastrointestinal problems, cough, sore throat)
Shiga toxin-producing Escherichia coli (STEC)	<i>Escherichia coli</i>	From contaminated food, including undercooked foods, within 1-8 days; Sudden onset of severe abdominal cramping, bloody/watery diarrhea, vomiting, and low-grade fever;

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Shigellosis	<i>Shigella</i>	From feces-contaminated food or water; sudden abdominal pain/cramping, sudden fever, stool w/blood/mucus/pus, nausea/vomiting, watery diarrhea
Smallpox	Variola virus	Starts with flu-like symptoms w/in 12 days of infection, lasting 2-4 days; by 12-15 days, rash of small discolored spots on skin with tiny raised bumps on them (maculopapular rash) quickly develops (over course of 24-36 hours) followed by raised, fluid-filled blisters;
Spotted Fever Rickettsiosis	<i>Rickettsia rickettsii</i>	From ticks, starting with non-specific fever, nausea, headache, muscle pain; rash possible, inward-spreading (from extremities to trunk) and w/in 2-5 days of fever and possibly on palms or soles
Streptococcal toxic- shock syndrome	<i>Streptococcus pyogenes</i>	Often in those with pre-existing skin infections, w/severe pain at infection site followed rapidly by high fever, low blood pressure, confusion, malaise; untreated it progresses quickly to a coma and then multi-organ failure
Syphilis	<i>Treponema pallidum</i>	Sexually transmitted; difficult to initially diagnose; usually only one chancroid sore (sometimes many) 10-90 days following infection (the sore is firm, round, small, and painless, lasting 3-6 weeks); secondary infection includes non-itchy rash that may appear on palms and soles as early as when the chancres are diminishing; late/latent stage symptoms include paralysis, numbness, muscle coordination problems, gradual blindness, and dementia

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Tetanus	<i>Clostridium tetani</i>	From toxins produced after entry into a wound; starts with mild spasms in the jaw, perhaps also affecting neck, back, chest, and abdomen muscles; associated symptoms include drooling, fever, sweating, irritability, hand/foot spasms, lack of control of urination and defecation
Toxic-shock syndrome (other than Streptococcal)	<i>Staphylococcus aureus</i>	Often in those with pre-existing staph infections (pneumonia, abscess, skin/wound infection), starting w/severe pain at infection site followed rapidly by high fever, low blood pressure, confusion, malaise; a sunburn-like rash often develops early and on any region of the body; untreated it progresses quickly to a coma and then multi-organ failure
Trichinellosis (Trichinosis)	<i>Trichinella spiralis</i>	From consuming parasitized meat (especially pork) that is not completely cooked; enteral phase (intestines) is first, w/in 2-7 days of infection with nausea, heartburn, dyspepsis, and diarrhea; parenteral phase (outside intestines) follows quickly, causing edema, muscle pain, weakness, fever; swelling around eyes is characteristic, as are splinter hemorrhages in the nails over the course of 2-8 weeks.
Tuberculosis	<i>Mycobacterium tuberculosis</i>	Spread by air, most infections are asymptomatic; chronic cough, blood-tinged sputum, fever and night-sweats, and weight loss.

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Tularemia	<i>Francisella tularensis</i>	From ticks, deer flies, and other vectors; perhaps from handling animals such as rabbits & rodents; symptoms usually within 3-5 days of exposure (up to 14 days), including skin ulcers, swollen/painful lymph glands, inflamed eyes, sore throat & mouth, diarrhea and pneumonia; inhaled bacteria can lead to rapid-onset fever/chills, headache, muscle/joint pain, dry cough, and bloody sputum
Typhoid fever	<i>Salmonella typhi</i>	From ingesting food or water contaminated by feces from infected persons; slowly progressing high fever, profuse sweating gastroenteritis, non-bloody diarrhea, delirium, fatigue; can follow four stages, each lasting a week and getting worse
Varicella (morbidity)	Varicella-zoster virus	Low-grade fever followed by a rash that starts on the head and progresses to the body (comes in waves every 3-5 days, with each lesion developing through stages of papule, vesicle, pustule, and crust).
Vibriosis	<i>Vibrio vulnificus</i>	Most often from eating contaminated (raw) shell-fish, usually w/in 2 days; copious watery diarrhea, cramps, nausea, vomiting, headache, fever; after it is in blood, lowered blood pressure, fluid-filled blisters on arms/legs
Viral Hemorrhagic Fevers	Wide array of viruses	Fever and bleeding diathesis (susceptibility to hemorrhaging); petechia (small purple spots from localized hemorrhages); starts with fever, progressing to headache and malaise, with vomiting and diarrhea developing with signs of hemorrhage (including blood in vomit and diarrhea)

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Yellow fever	Yellow fever virus	From mosquitoes, after 3-6 day incubation, fever, headache, chills, back pain, decreased appetite, nausea, vomiting; if in second phase, jaundice and abdominal pain, bleeding in mouth, eyes, gastrointestinal tract (producing bloody vomit)