

Appendix 1 – The classification of diseases into transmission type categories.

Here we present the disease transmission type classifications including the updates we made to Smith et al.'s (2007) original classification. Updates include name changes (marked by a ¹; we include in parentheses the spelling/name that Smith et al. used) and reclassifications (marked by a *). New diseases have been added to the GIDEON database since Smith et al. was published. These have been marked with ^{new}.

Infectious Agent	Transmission Type
Abscess - intraabdominal or pelvic ^{new}	Human Specific
Actinomycosis	Human Specific
Adenovirus infection ¹ (Adenovirus)	Human Specific
AIDS ^{new}	Human Specific
Amoebic abscess ¹ (Amibiasis abscess and colitis)	Human Specific
Amoebic colitis ¹ (Amibiasis abscess and colitis)	Human Specific
Ascariasis ¹ (Ascaridiosis)	Human Specific
Bacterial vaginosis	Human Specific
Bartonellosis – South American	Human Specific
Blastocystis hominis infection ¹ (Blastocystis infection)	Human Specific
Brain abscess	Human Specific
Brazilian purpuric fever	Human Specific
Candidiasis	Human Specific
Chancroid	Human Specific
Chlamydia infections, misc.	Human Specific
Chlamydomphila pneumoniae infection ¹ (Chlamydia pneumonia infection)	Human Specific
Cholecystitis & cholangitis	Human Specific
Cholera ¹ (Cholera fever)	Human Specific
Chronic meningococemia	Human Specific
Clostridial myonecrosis	Human Specific
Clostridium difficile colitis	Human Specific
Common cold	Human Specific
Conjunctivitis - inclusion	Human Specific
Conjunctivitis - viral	Human Specific
Cytomegalovirus infection	Human Specific
Dientamoeba fragilis infection ¹ (Dientamoebal diarrhea)	Human Specific
Diphtheria	Human Specific
Dracunculiasis	Human Specific
Endemic syphilis (bejel)	Human Specific
Endocarditis - infectious	Human Specific

Enterobiasis	Human Specific
Enterovirus infection	Human Specific
Epidural abscess	Human Specific
Erysipelas or cellulitis	Human Specific
Erythrasma	Human Specific
Filariasis - Bancroftian	Human Specific
Filariasis - Brugia timori	Human Specific
Fungal infection - invasive	Human Specific
Gastroenteritis - viral	Human Specific
Gonococcal infection ¹ (Gonorrhea)	Human Specific
Granuloma inguinale	Human Specific
Hepatitis B	Human Specific
Hepatitis C	Human Specific
Hepatitis D	Human Specific
Hepatitis G	Human Specific
Herpes simplex encephalitis	Human Specific
Herpes simplex infection	Human Specific
Herpes zoster	Human Specific
HIV infection - initial illness	Human Specific
Hookworm	Human Specific
Infectious mononucleosis or EBV infection ¹ (Mononucleosis-infectious)	Human Specific
Intracranial venous thrombosis	Human Specific
Isosporiasis	Human Specific
Kingella infection	Human Specific
Laryngotracheobronchitis	Human Specific
Liver abscess - bacterial	Human Specific
Loiasis	Human Specific
Lymphogranuloma venereum	Human Specific
Malaria*	Human Specific
Malignant otitis externa	Human Specific
Mansonelliasis - M. ozzardi	Human Specific
Mansonelliasis - M. perstans	Human Specific
Measles	Human Specific
Meningitis - aseptic (viral)	Human Specific
Meningitis - bacterial	Human Specific
Mumps	Human Specific
Mycoplasma (miscellaneous) infections ^{new}	Human Specific
Mycoplasma pneumoniae infection	Human Specific
Necrotizing skin/soft tissue infx.	Human Specific
Neutropenic typhlitis	Human Specific

O'nyong nyong	Human Specific
Omsk hemorrhagic fever	Human Specific
Onchocerciasis*	Human Specific
Orbital and eye infections ¹ (Orbital infection)	Human Specific
Osteomyelitis	Human Specific
Otitis media	Human Specific
Parainfluenza virus infection	Human Specific
Parvovirus B19 infection ¹ (Parvovirus infection)	Human Specific
Pediculosis	Human Specific
Pericarditis - bacterial	Human Specific
Perinephric abscess	Human Specific
Perirectal abscess	Human Specific
Peritonitis - bacterial	Human Specific
Pertussis	Human Specific
Pharyngeal & cervical space infx.	Human Specific
Pharyngitis - bacterial	Human Specific
Pinta	Human Specific
Pleurodynia	Human Specific
Pneumocystis pneumonia	Human Specific
Pneumonia - bacterial	Human Specific
Poliomyelitis	Human Specific
Pyodermas (impetigo, abscess, etc) ¹ (Pyodermas)	Human Specific
Pyomyositis	Human Specific
Respiratory syncytial virus infection	Human Specific
Respiratory viruses – miscellaneous ^{new}	Human Specific
Rheumatic fever	Human Specific
Rhinoscleroma and ozena ¹ (Rhinoscleroma)	Human Specific
Roseola or human herpesvirus 6 ¹ (Roseola or human herpesvirus)	Human Specific
Rotavirus infection	Human Specific
Rubella	Human Specific
Scabies	Human Specific
Scarlet fever	Human Specific
Septic arthritis	Human Specific
Septicemia - bacterial	Human Specific
Sinusitis	Human Specific
Smallpox	Human Specific
Staphylococcal scalded skin syndrome ^{new}	Human Specific
Subdural empyema	Human Specific
Suppurative parotitis	Human Specific
Syphilis	Human Specific

Trachoma	Human Specific
Trichomoniasis	Human Specific
Trichuriasis	Human Specific
Tropical phagedenic ulcer	Human Specific
Typhoid and enteric fever	Human Specific
Urinary tract infection	Human Specific
Varicella ¹ (Varicella-Zoster)	Human Specific
Bacillary angiomatosis ¹ (Angiomatosis)	Multi-host
Bartonellosis - other systemic ¹ (Bartonellosis (other))	Multi-host
Campylobacteriosis	Multi-host
Clonorchiasis	Multi-host
Clostridial food poisoning	Multi-host
Cyclosporiasis ¹ (Cyclospora infection)	Multi-host
Cysticercosis	Multi-host
Dengue ¹ (Dengue fever)	Multi-host
Dermatophytosis	Multi-host
Diphyllobothriasis	Multi-host
Echinostomiasis	Multi-host
Escherichia coli diarrhea	Multi-host
Fasciolopsiasis	Multi-host
Filariasis - Brugia malayi	Multi-host
Giardiasis	Multi-host
Hepatitis A	Multi-host
Hepatitis E	Multi-host
Hymenolepis nana infection	Multi-host
Infection of wound, puncture, IV line, etc ¹ (Wound infection)	Multi-host
Influenza	Multi-host
Leishmaniasis - cutaneous	Multi-host
Leishmaniasis - mucocutaneous	Multi-host
Leishmaniasis - visceral	Multi-host
Leprosy	Multi-host
Listeriosis	Multi-host
Lobomycosis	Multi-host
Paragonimiasis	Multi-host
Pythiosis ^{new}	Multi-host
Relapsing fever	Multi-host
SARS	Multi-host
Schistosomiasis – haematobium*	Multi-host
Schistosomiasis – intercalatum*	Multi-host
Schistosomiasis – japonicum*	Multi-host
Schistosomiasis – mansoni*	Multi-host

Schistosomiasis – mattheei*	Multi-host
Schistosomiasis – mekongi*	Multi-host
Shigellosis	Multi-host
Staphylococcal food poisoning ¹ (Staphylococcus)	Multi-host
Strongyloidiasis	Multi-host
Trypanosomiasis - African	Multi-host
Trypanosomiasis - American	Multi-host
Tuberculosis	Multi-host
Typhus - epidemic	Multi-host
Yaws	Multi-host
Yellow fever*	Multi-host
Zika ^{new}	Multi-host
Aeromonas & marine Vibrio infx. ¹ (Aeromonas and Vibrio infections)	Removed
Amoeba - free living ¹ (Amibiasis free living)	Removed
Aspergillosis	Removed
Bacillus cereus food poisoning ¹ (Bacillis caereus)	Removed
Brainerd diarrhea	Removed
Chromomycosis	Removed
Chronic fatigue syndrome	Removed
Coccidioidomycosis	Removed
Ehrlichiosis - E. sennetsu	Removed
Gianotti-Crosti syndrome	Removed
Hendra virus disease	Removed
Kawasaki disease	Removed
Kikuchi's disease and Kimura disease	Removed
Lagochilascariasis	Removed
Legionellosis	Removed
Mycetoma	Removed
Mycobacteriosis - M. scrofulaceum	Removed
Mycobacteriosis - M. ulcerans	Removed
Nipah and Nipah-like virus disease	Removed
Nocardiosis	Removed
Oropouche	Removed
Pityriasis rosea	Removed
Reye's syndrome	Removed
Rhinosporidiosis	Removed
Rickettsia sibirica mongolotimonae infection	Removed
Spondweni	Removed
Sporotrichosis	Removed
Tetanus	Removed

Toxic shock syndrome	Removed
Tropical pulmonary eosinophilia	Removed
Tropical sprue	Removed
Viliuisk encephalomyelitis	Removed
Whipple's disease	Removed
Zygomycosis	Removed
Acanthocephalan worms ¹ (Moniliformis moniliformis)	Zoonotic
African tick bite fever	Zoonotic
Alkhurma hemorrhagic fever ^{new}	Zoonotic
Angiostrongyliasis	Zoonotic
Angiostrongyliasis - abdominal	Zoonotic
Anisakiasis	Zoonotic
Anthrax	Zoonotic
Argentine hemorrhagic fever	Zoonotic
Astrakhan fever	Zoonotic
Babesiosis	Zoonotic
Balantidiasis ¹ (Balantidiosis)	Zoonotic
Barmah Forest disease	Zoonotic
Bartonellosis - cat borne ¹ (Bartonellosis (cat))	Zoonotic
Baylisascariasis ¹ (Baylisascariodiosis)	Zoonotic
Bertiellia and Inermicapsifer ¹ (Bertiellasis)	Zoonotic
Blastomycosis	Zoonotic
Bolivian hemorrhagic fever	Zoonotic
Botulism	Zoonotic
Brazilian hemorrhagic fever	Zoonotic
Brucellosis	Zoonotic
Bunyaviridae infections - misc. ¹ (Bunyaviridae infections)	Zoonotic
California encephalitis group	Zoonotic
Capillariasis – extraintestinal ¹ (Capillariasis-hepatic)	Zoonotic
Capillariasis - intestinal	Zoonotic
Cercarial dermatitis	Zoonotic
Chandipura and Vesicular stomatitis viruses ¹ (Vesicular stomatitis)	Zoonotic
Chikungunya	Zoonotic
Coenurosis	Zoonotic
Colorado tick fever	Zoonotic
Cowpox	Zoonotic
Crimean-Congo hemorrhagic fever	Zoonotic
Cryptococcosis	Zoonotic
Cryptosporidiosis	Zoonotic
Cutaneous larva migrans	Zoonotic

Dicrocoeliasis	Zoonotic
Diectophyme renalis infection ¹ (Diectophyme renal infection)	Zoonotic
Dipylidiasis	Zoonotic
Dirofilariasis	Zoonotic
Eastern equine encephalitis	Zoonotic
Ebola ¹ (Ebola fever)	Zoonotic
Echinococcosis - American polycystic	Zoonotic
Echinococcosis - multilocular	Zoonotic
Echinococcosis - unilocular	Zoonotic
Ehrlichiosis - human granulocytic	Zoonotic
Ehrlichiosis - human monocytic	Zoonotic
Entamoeba polecki infection	Zoonotic
Enteritis necroticans	Zoonotic
Entomophthoramycosis	Zoonotic
Erysipeloid	Zoonotic
Fascioliasis	Zoonotic
Flinders Island spotted fever	Zoonotic
Gastrodiscoidiasis	Zoonotic
Glanders	Zoonotic
Gnathostomiasis	Zoonotic
Gongylonemiasis	Zoonotic
Group C viral fevers	Zoonotic
Hantavirus infections - Old World	Zoonotic
Hantavirus pulmonary syndrome ¹ (Hantavirus infections – New World)	Zoonotic
Herpes B infection ¹ (Herpesvirus simiae infection)	Zoonotic
Heterophyid infections	Zoonotic
Histoplasmosis	Zoonotic
Histoplasmosis - African	Zoonotic
Hymenolepis diminuta infection	Zoonotic
Ilheus and Bussuquara ¹ (Ilheus)	Zoonotic
Israeli spotted fever	Zoonotic
Japanese encephalitis	Zoonotic
Japanese spotted fever	Zoonotic
Karelian fever	Zoonotic
Kyasanur Forest disease	Zoonotic
Lassa fever	Zoonotic
Leptospirosis	Zoonotic
Louping ill	Zoonotic
Lyme disease	Zoonotic
Lymphocytic choriomeningitis	Zoonotic

Mammomonogamiasis	Zoonotic
Mansonelliasis - <i>M. streptocerca</i>	Zoonotic
Marburg virus disease	Zoonotic
Mayaro	Zoonotic
Mediterranean (etc) spotted fever ¹ (Mediterranean spotted fever)	Zoonotic
Melioidosis	Zoonotic
Metagonimiasis	Zoonotic
Metorchiasis	Zoonotic
Microsporidiosis	Zoonotic
Monkeypox	Zoonotic
Murray Valley encephalitis	Zoonotic
Mycobacteriosis - <i>M. marinum</i>	Zoonotic
Mycobacteriosis - miscellaneous nontuberculous ¹ (Mycobacteriosis-systemic)	Zoonotic
Myiasis	Zoonotic
Nanophyetiasis	Zoonotic
New World phleboviruses	Zoonotic
North Asian tick typhus	Zoonotic
Ockelbo disease	Zoonotic
Oesophagostomiasis	Zoonotic
Old World Coltiviruses ^{new}	Zoonotic
Opisthorchiasis	Zoonotic
Orf	Zoonotic
Ornithosis	Zoonotic
Paracoccidioidomycosis	Zoonotic
Pasteurellosis, etc	Zoonotic
Penicilliosis marneffeii	Zoonotic
Pentastomiasis – <i>Armillifer</i> ¹ (Pentastomiasis)	Zoonotic
Pentastomiasis – <i>Linguatula</i> ¹ (Linguatulosis)	Zoonotic
Plague	Zoonotic
<i>Plesiomonas</i> infection ¹ (<i>Plesiomonas</i> enteritis)	Zoonotic
Pogosta disease	Zoonotic
Powassan	Zoonotic
Protothecosis and chlorellosis ¹ (Protothecosis)	Zoonotic
Pseudocowpox	Zoonotic
Q-fever	Zoonotic
Queensland tick typhus	Zoonotic
Rabies	Zoonotic
Rat bite fever - spirillary	Zoonotic
Rat bite fever - streptobacillary	Zoonotic

Rhodococcus equi infection	Zoonotic
Rickettsia felis infection	Zoonotic
Rickettsialpox	Zoonotic
Rift Valley fever	Zoonotic
Rocio	Zoonotic
Rocky Mountain spotted fever	Zoonotic
Ross River disease	Zoonotic
Salmonellosis	Zoonotic
Sandfly fever	Zoonotic
Sarcocystosis	Zoonotic
Sindbis	Zoonotic
Sparganosis	Zoonotic
St. Louis encephalitis	Zoonotic
Streptococcus suis infection ^{new}	Zoonotic
Taeniasis	Zoonotic
Tanapox virus disease	Zoonotic
Thelaziasis	Zoonotic
Thogoto	Zoonotic
Tick-borne encephalitis: Central European ¹ (Tick-borne encephalitis: European)	Zoonotic
Tick-borne encephalitis: Russian spring-summer ¹ (Tick-borne encephalitis: Russian)	Zoonotic
Toxocariasis	Zoonotic
Toxoplasmosis	Zoonotic
Trichinosis	Zoonotic
Trichostrongyliasis	Zoonotic
Tularemia	Zoonotic
Tungiasis	Zoonotic
Typhus - endemic	Zoonotic
Typhus - scrub	Zoonotic
Venezuelan equine encephalitis	Zoonotic
Venezuelan hemorrhagic fever	Zoonotic
Vibrio parahaemolyticus infection	Zoonotic
Wesselsbron	Zoonotic
West Nile fever	Zoonotic
Western equine encephalitis	Zoonotic
Whitewater Arroyo virus infection	Zoonotic
Yersiniosis	Zoonotic