

**Table 4****Differences in Disease Capture by Rank for ICD-9-CM and ICD-10-CM for Reportable Diseases**

National Health Reportable Diseases	ICD-9-CM Rank	ICD-10-CM Rank	Explanation
Amebiasis	3	5	I-10 has 3 additional codes and breaks out specific site of abscess
Animal bites**	4	5	I-10 more specific and span more sections of codes
Arthropod borne infections	2	5	Codes similar for both systems but I-10 more specific and offers more classification types.
Bartonellosis	3	5	I-10 more codes and covers more in the description i.e. Oroya fever
Basidiobolus	1	3	Found in I-10 under “other zygomycoses” only and not found in I-9.
Blastomycosis	2	5	I-10 has more codes/descriptions
Campylobacter enteritis	3	5	I-9 uses two general codes to capture (009.1 +008.43)
Carbon monoxide poisoning	2	5	I-10 has many more codes/descriptions
Chickenpox	3	5	I-10 has more codes/descriptions
Ciguatera fish poisoning	2	5	I-10 has more codes/descriptions
Clostridium perfringens intoxication	1	5	I-10 does code this while I-9 has no code
Coccidioidomycosis*	3	5	I-10 has more codes/descriptions
Conjunctivitis: acute	3	5	I-10 has more codes/descriptions
Cysticercosis	2	5	I-10 has more codes/descriptions
Dengue fever	4	5	I-10 has one additional code/description
Encephalitis	3	5	I-10 has many more codes and is more specific and captures more
Gonococcal infection*	4	5	I-10 has more codes and codes related to pregnancy complications
Haemophilus influenzae (invasive disease)*	2	5	I-10 has more codes/descriptions
Hansen’s disease*	4	5	I-10 has more codes/descriptions
Hepatitis A acute/chronic*	4	5	Captured by both with similar descriptions but I-10 has an “other” category
Hepatitis B acute/chronic*	5	4	Captured by both systems but I-9 more specific for some categories
Hepatitis B, surface	1	5	I-9 does not have a code for this

antigen*			
Hepatitis C, acute/chronic*	5	4	Captured by both systems but descriptions are different and I-9 more specific with additional code
Hepatitis D	5	4	Captured by both systems but descriptions are different and I-9 more specific with additional code
Herpes, neonatal or genital	3	5	I-10 much more specific
Histoplasmosis	5	2	I-9 much more specific. I-10 requires additional codes for higher level of specificity/granularity
HTLV (human T-lymphotrophic virus)	3	5	I-10 more specific
Hyperthermia	3	5	I-10 has more codes/descriptions
Hypothermia	5	3	I-9 more specific
Legionellosis*	4	5	I-10 includes an additional code for nonpneumonic Legionnaires disease
Listeriosis	2	5	I-10 has more codes/descriptions/specificity
Lyme disease	2	5	I-10 has more codes/descriptions/specificity
Marburg virus	4	5	Captured by both but I-10 more specific stating "Marburg virus" while I-9 states "other specified diseases due to viruses."
Malaria*	3	5	I-10 much more specific
Maple syrup urine disease	4	5	Captured by both but I-10 more specific in description
Measles*	3	5	I-10 much more specific
Melioidosis	3	5	I-10 more specific with more codes
Meningitis, viral, bacterial, fungal, parasitic	3	5	I-10 more specific with more codes
Meningococcal disease*	3	5	I-10 more specific with more codes
Mercury poisoning	3	5	I-10 more specific with more codes
Monkeypox	4	5	Captured by both but I-10 more specific in description
Mumps*	3	5	I-10 more specific with more codes
Neonatal herpes	3	5	I-10 more specific with more codes
Neonatal bacterial sepsis	2	5	I-10 more specific with more codes
Foodborne outbreak	3	5	I-10 more specific with more codes
Outbreaks or illnesses in child care settings	1	3	Both have one code but I-10 is more specific in place of occurrence
Nosocomial outbreak	1	5	Captured by I-10
Pediculosis	5	4	Captured by both systems but I-9 has one additional code

Pelvic inflammatory disease	4	5	Captured by both but I-10 has more specific codes
Pertussis*	3	5	Captured by both systems but I-10 has more specific codes pertaining to poisoning by pertussis vaccine which I-9 does not include
Pesticide related illness	3	5	I-10 more specific codes
Plague*	5	4	Captured by both but I-9 has one more code-secondary pneumonic plague
Poliomyelitis*	5	3	I-9 has many more specific codes but specificity may be outdated
Perinatal exposure of NB to HIV	2	4	I-10 more specific and has O codes to denote a complication in pregnancy due to HIV exposure
Pneumococcal disease	2	5	I-10 more codes/more specific
Primary congenital hypothyroidism	2	5	I-10 more codes/more specific
Rabies*	3	5	I-10 more codes/more specific
Rickettsial disease/infection	2	5	I-10 more codes/more specific
Rocky mountain spotted fever*	4	5	I-10 more specific description
Rubella*	2	5	I-10 more codes/more specific
Scombroid fish poisoning	2	5	I-10 more specific for fish type
Smallpox*	5	2	I-9 more codes /more specific but could be due to smallpox being eradicated
Sporotrichosis	2	5	I-10 more codes/more specific
Staphylococcus aureus	3	5	I-10 more codes/more specific
Streptococcal infections*	3	5	I-10 has more codes; descriptions are different
Syphilis*	3	5	I-10 more specific with more specific categories
T-2 mycotoxins	1	5	Not captured at all in I-9
Tetanus*	3	5	I-10 has more codes related to OB and the neonate
Toxins (Ricin, <i>S. entertoxin</i> )	2	4	I-10 more detailed; includes use of extensions for initial encounter
Tularemia*	4	5	Captured by both; I-10 one more code
Typhoid*	2	5	I-10 more codes/more specific
Typhus, louse-borne	4	5	I-10 more specific with one more code
Vaccine adverse reactions	5	3	I-9 descriptions provide more detail about the virus the vaccine is protecting against while I-10 group many together
Varicella*	4	5	I-10 has one more code; varicella keratitis
Viral hemorrhagic fever	2	5	I-10 more specific with many more codes
Vancomycin-resistant enterococci*	3	1	Found in I-9 under "Infections with microorganisms resistant to other specified drugs"

\*CDC National Reportable Disease

\*\* Multiple S codes by site. ICD-10 is more specific. Also, ICD-10 spans T codes and W codes. More than 100 codes that deal with bites and area of effect for I-10.

Ranking:

5= Diagnosis is fully captured by the code/codes

4=Diagnosis is almost fully captured by the code/codes

3=Diagnosis is partially captured by the code/codes

2=Diagnosis is less than partially captured by the code/codes

1=Diagnosis is not captured by the code/codes