

Supplement Table 1. Classification of infection sites (sepsis origins) by ICD-9-CM codes.

Diagnostic category	Codes	Description
1. Central nervous system infection		
	320	Bacterial meningitis
	322	Meningitis, unspecified
	324	Central nervous system abscess
	325	Phlebitis of intracranial sinus
2. Respiratory system infection		
	461	Acute sinusitis
	462	Acute pharyngitis
	463	Acute tonsillitis
	464	Acute laryngitis/tracheitis
	465	Acute upper respiratory infection of multiple sites/not otherwise specified
	481	Pneumococcal pneumonia
	482	Other bacterial pneumonia
	485	Bronchopneumonia with organism not otherwise specified
	486	Pneumonia, organism not otherwise specified
	491.21	Acute exacerbation of obstructive chronic bronchitis
	494	Bronchiectasis
	510	Empyema
	513	Lung/mediastinum abscess
3. Cardiovascular system infection		
	420	Acute pericarditis
	421	Acute or subacute endocarditis
	451	Thrombophlebitis
4. Gastrointestinal / Biliary tract system infection		
	008	Intestinal infection not otherwise classified
	009	Ill-defined intestinal infection
	540	Acute appendicitis
	541	Appendicitis not otherwise specified
	542	Other appendicitis
	562.01	Diverticulitis of small intestine without hemorrhage
	562.03	Diverticulitis of small intestine with hemorrhage
	562.11	Diverticulitis of colon without hemorrhage

562.13	Diverticulitis of colon with hemorrhage
566	Anal and rectal abscess
567	Peritonitis
569.5	Intestinal abscess
569.83	Perforation of intestine
572.0	Abscess of liver
572.1	Portal pyemia
574	Cholelithiasis
575.0	Acute cholecystitis

5. Genitourinary system infection

590	Kidney infection
597	Urethritis/ urethral syndrome
599.0	Urinary tract infection not otherwise specified
601	Prostatic inflammation
614	Female pelvic inflammation disease
615	Uterine inflammatory disease
616	Other female genital inflammation

6. Soft tissue/musculoskeletal system infection

035	Erysipelas
681	Cellulitis, finger/toe
682	Other cellulitis or abscess
683	Acute lymphadenitis
686	Other local skin infection
711.0	Pyogenic arthritis
730	Osteomyelitis

7. Device-related infection

996.6	Infection or inflammation of device/graft
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8. Other / undetermined infection

001	Cholera
002	Typhoid/paratyphoid fever
003	Other salmonella infection
004	Shigellosis
010	Primary tuberculosis infection
011	Pulmonary tuberculosis
012	Other respiratory tuberculosis
013	Central nervous system tuberculosis
014	Intestinal tuberculosis
015	Tuberculosis of bone and joint

016	Genitourinary tuberculosis
017	Tuberculosis not otherwise classified
018	Miliary tuberculosis
020	Plague
021	Tularemia
022	Anthrax
023	Brucellosis
024	Glanders
025	Melioidosis
026	Rat-bite fever
027	Other bacterial zoonoses
030	Leprosy
031	Other mycobacterial disease
032	Diphtheria
033	Whooping cough
034	Streptococcal throat/scarlet fever
036	Meningococcal infection
037	Tetanus
039	Actinomycotic infections
040	Other bacterial diseases
041	Bacterial infection in other diseases not otherwise specified
090	Congenital syphilis
091	Early symptomatic syphilis
092	Early syphilis latent
093	Cardiovascular syphilis
094	Neurosyphilis
095	Other late symptomatic syphilis
096	Late syphilis latent
097	Other and unspecified syphilis
098	Gonococcal infections
100	Leptospirosis
101	Vincent's angina
102	Yaws
103	Pinta
104	Other spirochetal infection
110	Dermatophytosis
112	Candidiasis
114	Coccidioidomycosis

115	Histoplasmosis
116	Blastomycotic infection
117	Other mycoses
118	Opportunistic mycoses
