

# Encephalitis, Ontario, Canada, 2002–2013

## Technical Appendix

**Technical Appendix Table.** International Classification of Diseases, Tenth Revision (ICD-10) diagnostic codes for identifying encephalitis and etiologic groupings

Encephalitis Diagnosis and Etiology Category Groupings	ICD-10 Code
<b>Viral</b>	
Herpesviral encephalitis: Herpesviral meningoencephalitis, Simian B disease	B004*
<i>Varicella Zoster Virus</i> = B011* <u>OR</u> B020*	Varicella encephalitis: Postchickenpox encephalitis, Varicella encephalomyelitis Zoster encephalitis: Zoster meningoencephalitis
	B011* B020*
Enteroviral encephalitis: Enteroviral encephalomyelitis	A850*
Adenoviral encephalitis: Adenoviral meningoencephalitis	A851*
Measles complicated by encephalitis	B050*
Mumps encephalitis	B262*
<i>Rabies</i> = A820* <u>OR</u> A821* <u>OR</u> A829*	Sylvatic Rabies Urban Rabies Rabies, unspecified
	A820* A821* A829*
<i>Arboviruses</i> = A830* <u>OR</u> A831* <u>OR</u> A832* <u>OR</u> A833* <u>OR</u> A834* <u>OR</u> A835* <u>OR</u> A836* <u>OR</u> A922* <u>OR</u> A838* <u>OR</u> A839* <u>OR</u> A852* <u>OR</u> A840* <u>OR</u> A841* <u>OR</u> A848* <u>OR</u> A849*	Japanese encephalitis Western equine encephalitis Eastern equine encephalitis St Louis encephalitis Australian encephalitis California encephalitis Rocio virus disease Other mosquito-borne viral encephalitis Mosquito-borne viral encephalitis, unspecified Venezuelan equine fever Arthropod-borne viral encephalitis, unspecified Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis] Central European tick-borne encephalitis Other tick-borne viral encephalitis Tick-borne viral encephalitis, unspecified
	A830* A831* A832* A833* A834* A835* A836* A838* A839* A922* A852* A840* A841* A848* A849*
Rubella with viral encephalitis	B060* <u>AND</u> G051*
Influenza with viral encephalitis	(J108* <u>OR</u> J118*) <u>AND</u> G051*
Polio: Acute paralytic poliomyelitis, vaccine-associated or Acute paralytic poliomyelitis, wild virus, imported or Acute paralytic poliomyelitis, wild virus, indigenous or Acute paralytic poliomyelitis, other and unspecified or Acute nonparalytic poliomyelitis or Acute poliomyelitis, unspecified; with viral encephalitis	(A800* <u>OR</u> A801* <u>OR</u> A802* <u>OR</u> A803* <u>OR</u> A804* <u>OR</u> A809*) <u>AND</u> G051*
Lymphocytic meningoencephalitis	A872* <u>AND</u> G051*
Cytomegaloviral encephalitis	B258* <u>AND</u> G051*
HIV disease resulting in encephalitis	B220* <u>AND</u> G051*
Progressive multifocal leukoencephalopathy	A812*
Other specified viral encephalitis: Encephalitis lethargica; Von Economo-Cruchet disease	A858*
Subacute sclerosing panencephalitis: Dawson inclusion body encephalitis; Van Bogaert sclerosing leukoencephalopathy	A811*
West Nile virus infection: West Nile fever	A923*
<b>Bacterial</b>	
Listerial meningoencephalitis	A321* <u>AND</u> G050*
Meningococcal encephalitis	A398* <u>AND</u> G050*
Late congenital syphilitic encephalitis and late syphilitic encephalitis	(A504* <u>OR</u> A521*) <u>AND</u> G050*
Tuberculosis meningoencephalitis	A178* <u>AND</u> G050*
Streptococcal encephalitis	A491* <u>AND</u> G050*
Lyme disease encephalitis: Erythema chronicum migrans due to <i>Borrelia burgdorferi</i> encephalitis	A692* <u>AND</u> G050*
Cat-scratch encephalitis: cat scratch encephalitis fever	A281* <u>AND</u> G050*
Actinomycosis encephalitis	A428* <u>AND</u> G050*
Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified	G042*
<b>Parasitic</b>	
Trypanosomiasis = B560* <u>OR</u> B561* <u>OR</u>	Gambiense trypanosomiasis: Infection due to <i>Trypanosoma brucei</i> gambiense; West African sleeping sickness
	B560*

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Viral	
B569* <u>OR</u> B574*      Rhodesiense trypanosomiasis: East African sleeping sickness; Infection due to Trypanosoma brucei rhodesiense	B561*
African trypanosomiasis, unspecified: Sleeping sickness NOS; Trypanosomiasis NOS in places where African trypanosomiasis is prevalent	B569*
Chagas disease (chronic) with nervous system	B574*
Toxoplasma meningoencephalitis	B582*
Amoebic	
Naegleriasis: Primary amoebic meningoencephalitis	B602*
Angiostrongyliasis due to Parastrongylus cantonensis: Angiostrongyliasis due to Angiostrongylus cantonensis; Eosinophilic meningoencephalitis	B832*
Fungal	
Cerebral cryptococcosis encephalitis	B451* <u>AND</u> G052*
Immune-Mediated	
Acute disseminated encephalitis: postimmunization encephalitis and encephalomyelitis	G040*
Acute and subacute haemorrhagic leukoencephalitis [Hurst]	G361*
Systemic lupus erythematosus encephalitis with organ or system involvement	M321* <u>AND</u> G058*
Paraneoplastic limbic encephalopathy	G131*
Mixed Other	
Mixed other groups: other encephalitis, myelitis, and encephalomyelitis; postinfectious encephalitis and encephalomyelitis not otherwise specified.	G048*
Unknown	
Unspecified encephalitis, myelitis, and encephalomyelitis (viral, bacterial, infectious, parasitic)	A86* <u>OR</u> G050* <u>OR</u> G051* <u>OR</u> G052* <u>OR</u> G058* <u>IF</u> no other code specified
Encephalitis, myelitis and encephalomyelitis, unspecified: Ventriculitis (cerebral) NOS	G049*

**Technical Appendix Figure.** Data extraction process flowchart for patients hospitalized with encephalitis, Ontario, Canada. ICD-10, International Classification of Diseases, Tenth Revision.

