

**Appendix 1: International Classification of Diseases (ninth revision [ICD-9]) codes used to determine episodes of likely viral and bacterial infections**

Outcome	ICD-9 code
<b>Antibiotic prescribing for respiratory infections of likely viral etiology</b>	
Acute laryngitis or tracheitis	464-464.2
Common cold	460
Influenza	487-487.8
Viral pneumonia	480-480.9
Unspecified acute upper respiratory tract infection	465.8, 465.9
<b>Inappropriate prescribing of a second- or third-line antibiotic for bacterial respiratory or urinary infections</b>	
Acute pharyngitis or tonsillitis	462, 463, 465.0, 034.0
Acute otitis media	381.0, 381.4, 382.0, 382.4, 382.9
Acute sinusitis	461-461.3, 461.8, 461.9
Acute bronchitis	466.0, 466.1
Whooping cough	484.3, 33-33.9
Community-acquired pneumonia	481, 482.0, 482.2-482.4, 482.8, 482.9, 483-483.1, 483.8, 485, 486
Acute urinary tract infection	595.0, 595.9, 599.0

Appendix to: Cadieux G, Tamblyn R, Dauphinee D, et al. Predictors of inappropriate antibiotic prescribing among primary care physicians. *CMAJ* 2007;177:877-83. Copyright © 2007, Canadian Medical Association.