

Appendix 1: List of respiratory illnesses and corresponding International Classification of Diseases (ICD) codes used to identify hospital admissions and physician visits of interest*

Disease	ICD-9 code	ICD-10 code
Viral pneumonia	480	J12
Pneumonia due to adenovirus	480.0	J12.0
Pneumonia due to respiratory syncytial virus	480.1	J12.1
Pneumonia due to parainfluenza virus	480.2	J12.2
Pneumonia due to other virus, not classified elsewhere	480.8	J12.8
Viral pneumonia, unspecified	480.9	J12.9
Pneumococcal and other bacterial pneumonia	481,482	J13, J15
Pneumonia due to other specified organism	483	J16.8
Pneumonia in infectious diseases classified elsewhere	484	J17
Bronchopneumonia, organism unspecified	485	J18.0
Pneumonia, organism unspecified	486	J18.9
Influenza	487	J10, J11
With pneumonia	487.0	J10.0, J11.0
With other respiratory manifestation	487.1	J10.1, J11.1
With other manifestation	487.8	J10.8, J11.8
Acute nasopharyngitis	460	J00
Acute sinusitis	461	J01
Acute pharyngitis	462	J02
Acute tonsillitis	463	J03
Acute laryngitis and tracheitis	464	J04
Acute upper respiratory tract infection of multiple sites	465	J06
Acute bronchitis and bronchiolitis	466	J20, J21
Bronchitis, not specified as acute or chronic	490	J22
Chronic bronchitis	491	J42
Acute myocarditis†	422	I40
Heart failure†	428	I50

*Hospital discharge diagnoses are coded using the International Classification of Diseases 9th revision (ICD-9) until 2001 and the 10th revision (ICD-10) after 2001. Diagnoses from family physician office visits, specialist office visits and emergency department visits are coded using the ICD-9.

†Cardiac disease included because it is potentially associated with influenza-related respiratory illness.