**Supplementary material**

**Diagnostic codes for upper respiratory tract infections (URTI)**

**2A) ICD-10 diagnostic codes for URTI**

*Hospital admissions based on data from The Discharge Abstract Database (DAD) and Emergency Department visits based on data from National Ambulatory Care Reporting System (NACRS) using ICD-10 diagnostic codes.*

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| **URTI** | **ICD-10 Diagnostic code** |
| Acute upper respiratory tract infections | J00-J06 |
| Influenza | J09-J11 |
| Bronchitis\* | J20, J40-J42 |
| Other diseases of upper respiratory tract | J31, J32, J36, J37 |
| Otitis media | H65, H66, H67 |
| Cough | R05 |
| Pain in throat | R07.0 |

**2B) Physician billing diagnostic codes for URTI**

*Outpatient visits based on data from OHIP database, which contains data on physician billings.*

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| **URTI** | **Diagnostic code (physician billings)** |
| Streptococcal sore throat (bacterial disease), scarlet fever | 034 |
| Otitis media | 380, 381, 382 |
| Common cold/nasopharyngitis-acute | 460 |
| Acute sinusitis and chronic sinusitis | 461, 473 |
| Acute tonsillitis | 463 |
| Croup/laryngitis-acute/tracheitis-acute | 464 |
| Acute bronchitis\* | 466 |
| Influenza | 487 |

**\***Bronchitis is included as a URTI as it is likely miscoded