**S1 Appendix. Supplementary information for study methodology.**

**Table A. Ontario Health Insurance Plan (OHIP) eligibility criteria.**

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| **To qualify for OHIP, individuals must meet all of the minimum qualifications listed below plus at least one of the additional requirements** | |
| 1. **Minimum Qualifications** | * Be physically in Ontario for 153 days in any 12-month period * Be physically in Ontario for at least 153 days of the first 183 days immediately after you began living in the province * Make Ontario their primary home |
| 1. **Additional Requirements** | Individuals:   * Are a Canadian citizen * Are an Indigenous person (registered under the federal *Indian* Act) * Are a permanent resident (formerly called a “landed immigrant”) * Have applied for permanent residence, and Immigration, Refugees and Citizenship Canada has confirmed that:   + You meet the eligibility requirements to apply   + You have not yet been denied * Are in Ontario on a valid work permit and are working full-time in Ontario for an Ontario employer, for at least six months   + Your spouse and any dependents also qualify if you do * Are in Ontario on a valid work permit under the federal Live-in Caregiver program * Are a convention refugee or other protected person (as defined by Immigration and Refugee Board of Canada) * Have a Temporary Resident Permit (only certain case types, eg. 86 through 95) * Are a clergy member who can legally stay in Canada and is ministering full time in Ontario for at least six months * Your spouse and any dependents also qualify if you do |

**Table B. Descriptions of ICD-10 codes included in influenza and RSV algorithm development.**

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| **ICD-10 Code** | **Description** |
| **B34** | Viral infection, unspecified site |
| **B97** | Viral agents as the cause of disease classified to other chapters |
| **B97.4** | Respiratory Syncytial virus as the cause of diseases classified to other chapters |
| **J06** | Acute upper respiratory infections of multiple or unspecified sites |
| **J06.0** | Acute laryngopharyngitis |
| **J06.8** | Other acute respiratory infections of multiple sites |
| **J06.9** | Acute upper respiratory infection, unspecified |
| **J09** | Influenza due to identified novel influenza A virus |
| **J10** | Influenza, virus identified |
| **J10.0** | Influenza due to identified influenza virus |
| **J10.1** | Influenza with other respiratory manifestations, other influenza virus identified |
| **J10.8** | Influenza with other manifestations, other influenza virus identified |
| **J11** | Influenza, virus not identified |
| **J11.0** | Influenza with pneumonia, virus not identified |
| **J11.1** | Influenza with other respiratory manifestations, virus not identified |
| **J11.8** | Influenza with other manifestations, virus not identified |
| **J12** | Viral pneumonia, not elsewhere classified |
| **J12.1** | Respiratory syncytial virus pneumonia |
| **J12.8** | Other viral pneumonia |
| **J12.9** | Viral pneumonia, unspecified |
| **J18** | Bronchopneumonia, organism unspecified |
| **J18.0** | Bronchopneumonia, unspecified |
| **J18.8** | Other pneumonia, organism unspecified |
| **J18.9** | Pneumonia, unspecified |
| **J20** | Acute bronchitis |
| **J20.5** | Acute bronchitis due to respiratory syncytial virus |
| **J20.8** | Acute bronchitis due to other specified organisms |
| **J20.9** | Acute bronchitis, unspecified |
| **J21** | Acute bronchiolitis |
| **J21.0** | Acute bronchiolitis due to respiratory syncytial virus |
| **J21.8** | Acute bronchiolitis due to other specified organisms |
| **J21.9** | Acute bronchiolitis, unspecified |
| **J22** | Unspecified acute lower respiratory tract infection |

ICD-10, International Classification of Disease 10th Revision; RSV, respiratory syncytial virus.