**Supplemental Digital Content 1** Diagnostic and procedure codes for exposure, covariates, and outcomes

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|  | International Classification of Diseases 9th revision/Canadian Classification of Diagnostic, Therapeutic, and Surgical Procedures(before 2006) | International Classification of Diseases 10th revision/Canadian Classification of Health Interventions(beginning in 2006) |
| Maternal mental disorders |  |  |
| Depression | 300.0-3, 300.5-9, 306, 308-9 | F40-F48 |
| Bipolar disorders | 296.1, 298.0, 300.4, 311 | F32-F34, F38-F39 |
| Stress and anxiety disorders | 296.0, 296.2-5, 298.1 | F30-F31 |
| Schizophrenia and delusional disorders | 295, 297, 298.2-4, 298.8-9 | F20-F25, F28-F29 |
| Personality disorders | 301 | F60-F69 |
| Substance use disorder | 292, 304, 305.2, 305.3, 305.4, 305.5, 305.6, 305.7, 305.8, 305.9, 648.3, 655.5, 965.0, 967, 969.1-969.9, 970, V65.42, E850.00-E850.29, E854.20-E854.39, E854.10-E854.19, E851.00-E853.99, E854.80-E854.89, E950.10-E950.39, E980.10-E980.39/08.35 | F10-F16, F18-F19, O35.5, P04.3, P04.4, P04.8, P04.9, P96.1, Q86.0, R78.1, R78.2, R78.3, R78.4, R78.5, T40, T42.3, T42.4, T42.6, T42.7, T43.3-T43.6, T43.8, T43.9, X42, X45, X62, Y12, Y15, Z50.3, Z71.5, Z72.2, Z86.41, Z86.48/6.AA.10.AD, 6.AA.10.CD |
| Maternal morbidity |  |  |
| Tobacco use |  | F17, P04.2, T65.2, Z50.8, Z58.7, Z71.6, Z72.0, Z86.42 |
| Metabolic disordera |  | E10, E11, E13, E66, E78, I10-I15, O10, O24.5-O24.8 |
| Preeclampsia |  | O11, O13, O14, O15 |
| Pediatric infection |  |  |
| Otitis media |  | H65-H67 |
| Respiratory |  | J00-J06, J09-J22 |
| Acute upper respiratory |  | J00-J02, J04-J06 |
| Tonsillitis |  | J03 |
| Influenza |  | J09-J11 |
| Bronchiolitis |  | J21 |
| Bronchitis |  | J20 |
| Pneumonia |  | J12-J18 |
| Gastrointestinal |  | A00-A09, K35-K37 |
| Infectious enteritis |  | A00-A09 |
| Appendicitis |  | K35-K37 |
| Central nervous system |  | A83-A87, A92.2, A92.3, B94.1, G00-G05 |
| Meningitis |  | A87, G00-G03 |
| Encephalitis |  | A83-A86, A92.2, A92.3, B94.1, G04, G05 |
| Urinary tract |  | N10-N12, N13.6, N16.0, N30, N34, N39.0 |
| Carditis |  | I01, I30.0, I30.1, I30.8, I30.9, I32.0, I32.1, I33.0, I33.9, I38, I39, I40.0, I41.0, I41.1 |
| Septic arthritis and osteomyelitis |  | M00, M01, M86 |
| Integument |  | L00-L08 |
| Septicemia |  | A40, A41, R57.2 |
| Perinatal |  | P23, P35-P39, and other infections before 28 days |
| Vaccine-preventable |  | A08.0, A35-A37, A39, A40.3, A41.3, A49.2, A80, B01, B05, B06, B15, B16, B26, B91, B95.3, B96.3 |
| Other infection |  | I00 and all remaining codes in sections A and B |

aObesity, preexisting and gestational diabetes, dyslipidemia, hypertension