

Supplemental Table 3. Perinatal and maternal adverse pregnancy outcomes

Outcome	Definition	Source	Codes
Perinatal			
Preterm birth	Livebirth from 23-36 weeks GA	MOMBABY	M_STILLBIRTH=F 23 <= B_GESTWKS_DEL <= 36 (if missing use M_GESTWKS_DEL)
Extreme preterm birth	Livebirth at 23-31 weeks GA	MOMBABY	M_STILLBIRTH=F 23 <= B_GESTWKS_DEL <= 31 (if missing use M_GESTWKS_DEL)
Small for gestational age	Birthweight <10 th percentile for sex and gestational age	MOMBABY	B_WEIGHT <10th percentile for B_SEX and B_GESTWKS_DEL (if missing use M_GESTWKS_DEL)
Severe small for gestational age	Birthweight <5 th percentile for sex and gestational age	MOMBABY	B_WEIGHT <5th percentile for B_SEX and B_GESTWKS_DEL (if missing use M_GESTWKS_DEL)
NICU admission	Admission to neonatal intensive care for newborn on delivery admission	CIHI-DAD	SCU
Stillbirth	Stillbirth at ≥20 weeks GA	MOMBABY	M_STILLBIRTH=T
Neonatal death	Death of infant less than from birth until 28 days postpartum	MOMBABY	DTHDATE within 28 days of index date
Maternal			
Severe maternal morbidity	Composite endpoint of severe maternal complications	CIHI-DAD	See Ray et al., 2018: (48)
Hypertensive disorder of pregnancy	Composite endpoint of gestational hypertension, pre-eclampsia, and eclampsia	CIHI-DAD OHIP	Gestational hypertension: ICD9: 642.0, 642.3, 642.9; ICD10: O13, O16 Pre-eclampsia/eclampsia: ICD9: 642.4, 642.5, 642.6, 642.7; ICD10: O11, O14, O15; OHIP: 642

Preterm premature rupture of membranes	Defined as rupture of membranes prior to 37 weeks GA	CIHI-DAD, MOMBABY	ICD9: 658.1, 658.2 + MOM_GESTWKS_ADM<37 ICD10: O42 + MOM_GESTWKS_ADM<37
Preterm labour without preterm birth	Hospital visit or admission for threatened preterm labour but with delivery \geq 37 weeks GA	CIHI-DAD, NACRS	ICD9: 644.0, 644.1 ICD10: O60.0
Maternal death	Death of mother from 20 weeks GA until 42 days postpartum	RPDB	DTHDATE from date of 20 weeks GA to date of 42 weeks postpartum

Abbreviations: GA (gestational age); MOMBABY (ICES-derived Mother Baby Linked Dataset); CIHI (Canadian Institute of Health Information); DAD (Discharge Abstract Database); OHIP (Ontario Health Insurance Plan); ICD (International Classification of Disease); NA (not applicable)