

Severe maternal morbidity - diagnosis	ICD-10CA code
Maternal death	O95
Eclampsia	O15
Cardiac arrest, cardiac failure or myocardial infarction	
Cardiac complications due to anesthesia during the puerperium	O89.1
Cardiac complications due to anesthesia during labour and delivery	O74.2
Other complications of obstetric surgery and procedures	O75.4
ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction	I21
Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction	I22
Cardiac arrest	I46
Heart failure	I50
Pulmonary oedema	J81
Cardiogenic shock	R57.0
Cardiomyopathy	
Cardiomyopathy in the puerperium	O90.3
Cardiomyopathy	I42
Cardiomyopathy in diseases classified elsewhere	I43
Obstetric shock	
Shock during or following labour and delivery	O75.1
Shock, not elsewhere classified	R57
Anaphylactic shock due to serum	T80.5
Anaphylactic shock due to adverse effect of correct drug or medicament properly administered	T88.6
Obstetric embolism	O88
Uterine scar dehiscence/rupture	
Dehiscence/Rupture of uterus before labour	O71.0
Dehiscence/Rupture of uterus during labour	O71.1
Acute abdomen	
Acute appendicitis	K35
Unspecified appendicitis	K37
Peritonitis	K65
Female acute pelvic peritonitis	N73.3
Female pelvic peritonitis, unspecified	N73.5
Hepatic failure	
Toxic liver disease	K71
Hepatic failure, not elsewhere classified	K72
Renal failure	
Postpartum acute renal failure	O90.4
Acute renal failure	N17
Unspecified kidney failure	N19
Postprocedural renal failure	N99.0

Septicemia during labour	
Other infection during labour (sepsis during labour)	O75.3
Septic shock	R57.2
Puerperal sepsis	O85
Placental abruption	O45
Placenta previa with hemorrhage	O441
Complications of anesthesia	
Pulmonary complications of anesthesia during pregnancy	O29.0
Cardiac complications of anesthesia during pregnancy	O29.1
Central nervous system complications of anesthesia during pregnancy	O29.2
Pulmonary complications of anesthesia during the puerperium	O89.0
CNS complications of anesthesia during the puerperium	O89.2
Aspiration pneumonitis due to anesthesia during labour and delivery	O74.0
Other pulmonary complications of anesthesia during labour and delivery	O74.1
Cardiac complications due to anesthesia during labour and delivery	O74.2
CNS complications due to anesthesia during labour and delivery	O74.3
CNS morbidity	
Cerebral venous thrombosis in pregnancy	O22.5
Central nervous system complications of anesthesia during labour and delivery	O74.3
CNS complications of anesthesia during the puerperium	O89.2
Non-traumatic subarachnoid hemorrhage	I60
Non-traumatic intracerebral hemorrhage	I61
Other and unspecified non-traumatic intracranial hemorrhage	I62
Cerebral infarction	I63
Stroke, not specified as hemorrhage or infarction	I64
Severe maternal morbidity - procedure	CCI code
Dialysis	1.PZ.21^^
Repair of bladder, urethra, or intestine	5.PC.80.JR 1.NK.80^^ 1.NM.80^^
PPH with embolization/ligation/suture of uterus*	1.RM.13^^ 1.KT.51 5.PC.91.LA
Assisted ventilation	1.GZ.31.CA-ND 1.GZ.31.CR-ND
Caesarean hysterectomy	5.MD.60.RC 5.MD.60.RD 5.MD.60.KE 5.MD.60.CB
Evacuation of incisional hematoma	5PC.73.JS

NOTE: Registry-specific variables were used to identify blood transfusions and obstetric trauma.

* Included only women with diagnosed postpartum hemorrhage (PPH).