

Supplementary Table 1. Disease definitions

Disease definition	
Delivery	DRG code: 0371A, 0371a, 0373B, 0373b, 0373A, 0373a, 0373C, 0373c ICD-9 CM code: V27, 650, 651, 652 ICD-op-code: 72, 73, 74
Cardiovascular complications	
Acute myocardial	410.xx
Aneurysm	441.xx
Cardiac arrest/ ventricular fibrillation	427.41, 427.42, 427.5
Heart failure	669.4x, 997.1
Shock	669.1x, 785.5x
Conversion of cardiac rhythm	99.6x
Pregnancy-related hypertension	642.3x 642.9x 642.4x 642.5x 642.6x 642.7x
Preeclampsia	642.4x 642.5x 642.6x 642.7x
Eclampsia	642.6x
Gestational hypertension	642.3x 642.9x
Puerperal cerebrovascular disorders	430, 431, 432.x, 433.xx, 434.xx, 436, 437.x, 671.5x, 674.0x, 997.2, 999.2
Thrombotic embolism	415.1x, 673.0x, 673.2x, 673.3x, 673.8x,
Events and procedures during delivery	
Amniotic fluid embolism	673.1x

Antepartum hemorrhage	641.1x 641.2x 641.3x 641.8x 641.9x
Postpartum hemorrhage due to atony	666.1x
Postpartum hemorrhage not due to atony	666.0x 666.2x 666.3x
Severe postpartum hemorrhage	[666.0x-666.3x] plus either blood transfusion [99.0x] or hysterectomy [68.3x-68.9]
Premature rupture of membranes	658.1x
Chorioamnionitis	658.4x
Cesarean delivery	Birth Registration
Events and procedures during surgery	
Severe anesthesia complications	668.0x, 668.1x, 668.2x
Thorax, abdomen, and pelvis injuries	860.xx-869.xx
Intracranial injuries	800.xx, 801.xx, 803.xx, 804.xx, 851.xx, 854.xx
Blood transfusion	99.0x
Hysterectomy	68.3x-68.9
Operations on heart and pericardium	35.xx, 36.xx, 37.xx, 39.xx
Other	
Acute renal failure	584.x, 669.3x
Adult respiratory distress syndrome	518.5, 518.81, 518.82, 518.84, 799.1
Sepsis	038.xx, 995.91, 995.92
Disseminated intravascular coagulation	286.6, 286.9, 666.3x
pulmonary edema	428.1, 518.4
Temporary tracheostomy	31.1

Ventilation	93.90, 96.01-96.05, 96.7x
Gestational diabetes	648.8x
Low birth weight	Birth Registration, <2500 g
Preterm maturity	Birth Registration, <37 week
Fetal distress	656.3x, 659.7x
Fetal abnormalities, any	Birth Registration + inpatient claim data (ICD-9 (655.xx))
Central nervous system malformations	655.0x
Chromosomal abnormalities	655.1x
Hereditary disease in family possible affecting fetus	655.2
Suspected damage due to viral or other diseases in the mother	655.3x 655.4x
Suspected damage due to drugs or radiation	655.5x 655.6x
Decreased fetal movements	655.7x
Other/unspecified abnormalities	655.8x 655.9x
Stillbirth	Birth Registration

Abbreviations: DRG, Diagnosis Related Groups; ICD, International Classification of

Diseases