

Supplemental Table 1. ICD-9 codes for pre-existing medical conditions, medical events, and obstetric complications utilized to identify cases in the NIS 2008 – 2010.

Medical Condition	ICD-9 codes
Heart Disease	
Cardiomyopathy	425.x, 674.5
Valvular heart disease	394-397, 424, 785.2, 785.3, V42.2
Pulmonary Disease	
Asthma	493
Endocrine	
Diabetes (non-gestational)	249, 250, 648.0
Thyroid disease	240-246, 648.1
Autoimmune	
Systemic lupus erythema.	710.0, 695.4, 583.8
Hematologic	
Thrombophilia (includes history of thrombosis and antiphospholipid syndrome [APS])	273.8, 286.53, 286.9, 289.81, 289.82, 289.9, 795.79, V12.51
Anemia	648.2x, 285.x
Thrombocytopenia	287.3x, 287.4x, 287.5x
Sickle cell/thalassemia	282.4-282.49, 282.6-282.69
Drug/Alcohol/Tobacco	
Drug use	292, 304, 305.2x-305.9x, 655.5x, 760.70, 760.72-760.75, 779.5, 965.0x, V65.42

Alcohol use	291, 303, 305.0x, 760.71, 980.0x
Smoking	305.1, V15.82, 649.0x
Chronic hypertension/renal failure	
Chronic Hypertension	401-405, 437.2, 642.0-642.2
Chronic Renal Failure	585, 792.5, V42.0, V45.1, V56
Event or Condition	
Mechanical Ventilation	Procedure codes: 93.90, 96.01-96.05, 96.7x
Transfusion	Procedure codes: 99.00-99.09
Cardiac Event	
Acute heart failure	428
Pulmonary Event	
Pneumonia	480-486, 487.0
Pulmonary edema	518.4
ARDS	518.5
Thromboembolic Event	
Pulmonary embolism	415.1x, 673.x
Deep venous thrombosis	451.1x, 451.2x, 671.3x, 671.4x
Infections	
Sepsis	038, 790.7
Renal Event	

Acute renal failure	584, 639.3x, 669.3x
Obstetric Events	
Cesarean delivery	Procedure codes: 74, DRG 765, DRG 766
Operative vaginal delivery	Procedure codes: 720-724, 726, 727-727.9
Multiple Gestation	651, 652.6
Gestational diabetes	648.8x
Preeclampsia, eclampsia or gestational hypertension	642.3-642.7
Preterm labor	644
Premature rupture of membranes	658.1x
Postpartum hemorrhage	666-666.2x
Chorioamnionitis	658.4x, 659.2x