

Table S1. ICD-9 codes for pre-existing medical conditions, medical events, and obstetric complications utilized to identify cases in the NIS 2000 – 2009.

Medical Condition	ICD-9 codes
Cardiomyopathy	
Peripartum cardiomyopathy	674.5x
Cardiomyopathy secondary to primary causes	425.x
Heart Disease	
Heart valve disease	394-397, 424, 785.2, 785.3, V42.2
Congenital heart disease	745-747, 648.5
Chronic myocarditis	032.82, 074.20, 074.23, 036.40, 036.43, 093.82, 130.3, 393, 398.0, 429
Conduction disorders and dysrhythmias	426.0-426.9, 427.0-427.4, 427.6-427.9, 785.0, 785.1, V45.0, V53.3
History of ischemic heart disease	412, 414
Pulmonary Disease	
Pulmonary circulation	416, 417
Asthma	493.x
Endocrine	
Diabetes (non-gestational)	249.x, 250.x, 648.0x
Thyroid disease	240.x-246.x, 648.1x
Autoimmune	
Systemic lupus	710.0, 695.4, 583.8
Rheumatoid arthritis/ collagen disease	701.0, 710, 710.1x-710.9x, 714.x, 720.x, 725
Human immune deficiency	042
Hematologic	
Thrombophilia (includes history of thrombosis and antiphospholipid syndrome)	273.8, 286.53, 286.9, 289.81, 289.82, V12.51
Sickle cell disease/Thalassemia	282.4x, 282.6x

Anemia	648.2x, 280.x, 285.x
Thrombocytopenia	287.3x, 287.4x, 287.5x
Acquired	
Drug use	292.x, 304.x, 305.2x-305.9x, 655.5x, 760.70, 760.72-760.75, 779.5, 965.0x, V65.42
Alcohol use	291.x, 303.x, 305.0x, 760.71, 980.0x
Smoking	305.1, V15.82, 649.0x
Chronic Hypertension	401.x-405.x, 437.2, 642.0x-642.2x
Chronic Renal Failure	585.x, 792.5, V42.0, V45.1, V56.x
Event or Condition	
Cardiac Event	
Acute myocarditis	391.2, 422.x
Myocardial infarction	410.x, 411.x
Ventricular fibrillation	427.4X
Cardiac arrest	427.5
Acute heart failure	428.x
Endocarditis	421.x
Angina	413.x
Pulmonary Event	
Pneumonia	480.x-486.x, 487.0
Respiratory distress syndrome	518.5
Pulmonary edema	518.4
Bronchitis	490, 491.x
Thromboembolic Event	
Stroke/cerebrovascular disorders	325, 430, 431, 432.x, 433.x, 434.x, 436, 437.x, 671.5x, 674.0x, 997.2, 999.2
Pulmonary embolism	415.1x, 673.x
Systemic embolism	444.x

Deep venous thrombosis	451.1x, 451.2x, 671.3x, 671.4x
Infections	
Sepsis	038.x, 790.7
Postpartum bacterial infection	590.1, 646.5x, 646.6x, 615.0
Influenza	487.x-488.x
Group B streptococcus	V02.51
Renal Event	
Acute renal failure	584.x, 639.3x, 669.3x
Complication of Pregnancy	
Gestational diabetes	648.8x
Preeclampsia, eclampsia or gestational hypertension	642.3x-642.7x
Multiple Gestation	651.x, 652.6x, V27.2-V27.7
Obstetric Complications	
Preterm labor	644.x
Abruption	641.2x
Fetal growth restriction	656.5x
Intrauterine fetal death	656.4x

Table S2. Trends in pre-existing medical and obstetric conditions at a delivery admission during the years 2000 – 2009 by linear regression (significance defined as P-value < 0.01). See Figure 1 and Figure S1 for graphical representation.

Condition	^a Slope	R ²	P-value
Cardiomyopathy	0.021	0.90	<0.001
Congenital heart disease	0.038	0.83	<0.001
Valvular heart disease	-0.400	0.80	<0.001
Conduction disorders	0.422	0.99	<0.001
History of ischemic heart disease	0.011	0.78	<0.001
Asthma	2.123	0.97	<0.001
Disorders of pulmonary circulation	0.015	0.97	<0.001
Diabetes	0.343	0.84	<0.001
Thyroid disorders	1.214	0.98	<0.001
Systemic lupus erythematosus (SLE)	0.039	0.79	<0.001
Rheumatoid arthritis	0.077	0.96	<0.001
Thrombophilia	0.512	0.97	<0.001
Thrombocytopenia	0.428	0.83	<0.001
Anemia	4.508	0.91	<0.001
Chronic hypertension	1.053	0.99	<0.001
Chronic renal failure	0.040	0.95	<0.001
Tobacco use	4.574	0.99	<0.001
Drug use	0.618	0.79	<0.001
Alcohol use	-0.001	0.001	0.95
Gestational diabetes	2.177	0.93	<0.001
Preeclampsia	1.159	0.90	<0.001
Multiple gestation	0.227	0.54	0.016
Fetal growth restriction	0.693	0.99	<0.001
Placental abruption	-0.029	0.05	0.44
Fetal death	-0.052	0.87	<0.001

^a Slope ($\Delta y/\Delta x$) reported is the change in the listed condition per 1000 deliveries (Δy) per year (Δx)

Table S3. Trends in medical events at a delivery admission during the years 2000 – 2009 by linear regression (significance defined as P-value < 0.01). See Figure S2 for graphical representation.

Condition	^a Slope	R ²	P-value
Myocardial infarction	0.001	0.27	0.121
Ventricular fibrillation	-0.0002	0.07	0.61
Cardiac arrest	0.002	0.52	0.018
Acute heart failure	0.008	0.33	0.084
Pneumonia	0.020	0.30	0.103
Respiratory distress syndrome (RDS)	0.010	0.91	<0.001
Pulmonary edema	-0.009	0.72	0.002
Stroke/CVA	-0.001	0.07	0.63
Pulmonary embolism	0.009	0.63	0.006
Deep vein thrombosis (DVT)	-0.004	0.04	0.33
Sepsis	0.016	0.76	<0.001
Influenza	0.027	0.29	0.110
Postpartum bacterial infection	-1.483	0.84	<0.001
Acute renal failure	0.034	0.95	<0.001

^a. Slope ($\Delta y/\Delta x$) reported is the change in the listed condition per 1000 deliveries (Δy) per year (Δx)