

**SUPPLEMENTARY TABLE 2.** Case Definitions for Neonatal and Obstetric Outcomes Obtained from Administrative Medical Encounter Data

Variable	Codes	Case Definition
Cesarean delivery	<b>ICD-9:</b> V[30-37,39].01, 649.8x, 669.7x, 763.4, 74.[0,1,2,4,99] <b>ICD-10:</b> Z38.[01,31,62,64,66,69], O82.x, P03.4x, O75.82, 10D00Z[0,1,2]	Any diagnosis or procedure code on a delivery record or any diagnosis code on an infant birth record
Gestational hypertension	<b>ICD-9:</b> 642.[3,4,5,6]x <b>ICD-10:</b> O13.x-O15.x	One inpatient encounter or 2 outpatient encounters, on different days, from 20 weeks' gestation through 6 weeks postpartum (excluding pre-existing hypertension cases, see below)
Pre-existing hypertension	<b>ICD-9:</b> 401.x-405.x <b>ICD-10:</b> I10.x-I13.x, I15.x <b>ICD-9:</b> 642.[0,1,2]x <b>ICD-10:</b> O10.x	Any diagnosis during the year prior to pregnancy or during pregnancy up to 20 weeks gestation Any diagnosis during pregnancy up to 20 weeks gestation
Gestational diabetes	<b>ICD-9:</b> 648.8x <b>ICD-10:</b> O24.4x	One inpatient encounter or 2 outpatient encounters, on different days, from 24 weeks gestation through date of delivery (excluding pre-existing diabetes cases, see below)
Pre-existing diabetes	<b>ICD-9:</b> 249.x, 250.x <b>ICD-10:</b> E08.x, E09.x, E10.x, E11.x, E13.x <b>ICD-9:</b> 648.0x <b>ICD-10:</b> O24.[0,1,3,8,9]x	Any diagnosis during year prior to pregnancy or during pregnancy up to 24 weeks gestation Any diagnosis during pregnancy up to 24 weeks gestation
Pre-term birth	<b>ICD-9:</b> 765.[0,1], 765.2[1-8], 766.2[1,2], 765.29, 645.[1,2], 644.2[0,1] <b>ICD-10:</b> P07.2[0-6], P07.3[0-9], P08.[21,22], Z3A.[18-42,49], O48.[0,1], O60.1[0,3,4]x[0-9], O60.2[0,2,3]x[0-9], O60.12	Any diagnosis during the delivery hospitalization or in the first 28 days of the infant's life
Low birth weight	<b>ICD-9:</b> 764.xx, 765.xx, 766.[0,1] <b>ICD-10:</b> P05.xx, P07.xx, P08.[0,1]	Earliest assigned diagnosis during infant's first 28 days of life; if 2 or more codes assigned, lowest weight prioritized