| Author, Year and Quality | N | Incusion Criteria | Data Sources |
| --- | --- | --- | --- |
| Palmsten, 2013a151  Good | 85,326 | Live-born infant, maternal depression (inpatient or outpatient diagnosis). | Linked Medicaid enrollment information to inpatient and outpatient procedures and diagnoses and to outpatient pharmacy dispensing data to identify women with delivery-related diagnoses. Live-born infants were linked to these women by state and Medicaid ID numbers. |
| Palmsten, 2013b150  Good | 102,722 | Pregnant women aged 12-55 years with a pregnancy ending in a live birth, Medicaid enrollment from 5 months before delivery until after delivery, diagnoses for mood (including bipolar) or anxiety disorders between 1 and 5 months before delivery | Linked Medicaid enrollment information to inpatient and outpatient procedures and diagnoses and to outpatient pharmacy dispensing data. Live-born infants were linked to these women by state and Medicaid ID numbers. |
| Lupattelli, 2014146  Fair | 57,220 | Pregnant women who had both a record in the Medical Birth Registry and had answered MoBa questionnaires #1, 3 and 4; live births only. | Linked MoBa data with the birth registry and examined AD use and bleeding outcomes. Exposure and outcomes based on self-report. |
| Andersen, 2014132  Good | 1,279,840 | Registered pregnancies from 1997-2010. | Linked data on pregnancies, births/birth outcomes, and prescription medication use for all registered pregnancies from 1997 to 2010. |
| Kjaersgaard, 2013144  Good | 1,005,319 | Clinically recognized pregnancies in Denmark with an estimated conception and an observed pregnancy outcome in the period Feb 1, 1997 to Dec 31, 2008. Spontaneous abortion had to occur at less than 22 weeks gestation. | Linked administrative health registries for documented abortions, AD exposure (redeemed prescriptions), maternal psychiatric illness, and Statistics Denmark (for socio-demographic details). |
| Hayes, 2012137  Good | 228,876 | Women aged 15-44 years with singleton pregnancies who were enrolled in the Tennessee Medicaid Program from 1995 to 2007 with 180 days continuous enrollment before their LMP through 90 days after delivery. | Linked data from Medicaid database and birth certificates. |
| Jensen, 2013a143  Good | 673,853 | Singleton deliveries with a gestational age of at least 22 weeks during the period 1996-2006. | Linked national register data for all pregnancies with the national psychiatric register, the Medicinal Product Statistics Register (a nationwide prescription database), and Statistic Denmark (national sociodemographic data). |
| Ban, 2014134  Good | 349,127 | Live singleton births from 1990 to 2009 among women aged 14-45 years. | Nationally representative database validated for pharmacoepidemiology studies. |
| Polen, 2013152  Fair | 27,045 | Cases include live births, still births (at least 20 weeks gestation) and elective terminations diagnosed with one of more than 30 selected major birth defects from 1997 to 2007. Controls include live born infants without birth defects from same source population and time period as case infants. | 10 state-level surveillance systems, with cases confirmed by clinical geneticist. Exposure ascertained by interview between 6w prior to delivery date and 24m after delivery. |
| Yazdy, 2014158  Fair | 2,624 | Cases: Infants less than 1 year of age w/a diagnosis of talipes equinovarus ("clubfoot"). Controls: Infants with no major malformations or foot problems drawn from same birth population as cases. | Birth defect registries in Massachusetts, New York, and North Carolina from 2006-2011 |
| Louik, 2014159  Good | 16,524 | Cases (n=7,913): Infants with malformation, with primary focus on VSD, left outflow tract defects, coarctation of the aorta, and hypoplastic left heart syndrome. Controls (n=8,611): Nonmalformed infants matched to cases by age w/in 2 months. | Birth Defects Study (BDS) data from centers in Boston, Philadelphia, Toronto (through 2003), San Diego (since 2000), parts of New York state (since 2004), and the entire state of Massachusetts (since 1998) using hospital admission and discharge lists from 1992-2010 for identification of malformed subjects, as well as birth-defect registries in Massachusetts and New York. |
| Huybrechts, 2014142  Good | 931,259 | All completed pregnancies from 2000 to 2007 in women and adolescents aged 12 to 55 years who were exclusively covered by Medicaid from 3 months before LMP through 1 months after delivery. | Linked data for mother and infants from Medicaid Analytic eXtract for 46 U.S. States and Washington, D.C. from 2000 through 2007. Four states (Montana, Connecticut, Michigan, Arizona) excluded for missing or difficult-to-link data. |

**Abbreviations:** AD = antidepressants; ICD = International Classification of Disease; LMP = last menstrual period; MoBa = Norwegian Mother and Child Cohort Study; SSRI = selective serotonin reuptake inhibitors; w/ = with.