Appendix E: Research Using Data from the Texas Birth Defects Registry and Related Projects

Once in the Texas Birth Defects Registry, a case infant’s family may be invited to participate in research studies, including the National Birth Defects Prevention Study. Epidemiologists and clinicians conduct epidemiological research to investigate the causes of birth defects. Members of the Texas Department of State Health Services Institutional Review Board evaluate study protocols to protect the privacy and other concerns of participants.

Below are citations for research using data contained in the Texas Birth Defects Registry and other projects related to the registry or birth defects published since this Appendix was last produced in early 2012. With respect to National Birth Defects Prevention Study (NBDPS) publications, we have listed studies lead by Texas researchers. Many other NBDPS projects have included Texas data; a list is available upon request (please call 512-776-7232 or send an e-mail to birthdefects@dshs.state.tx.us). In addition, publications are listed in the Texas Birth Defects Monitor, the research and data update of the Texas Birth Defects Epidemiology and Surveillance Branch. Past issues of the Monitor are available on our website at www.dshs.state.tx.us/birthdefects.

Published Research Articles from the Texas Birth Defects Registry and the Texas Center for Birth Defects Research and Prevention


Hoyt AT, Browne M, Richardson S, Romitti P, Druschel C. Maternal caffeine consumption and small for gestational age births: Results from a population-based case-control study. *Matern Child Health J*. 2013


Kirby RS, Nembhard WN. Increasing the utility of population-based birth defects surveillance program data. *J Registry Manag*. 2014;41:3


Marengo LK, Hoyt AT, Canfield MA. The utility of the national death index as a supplemental data source in ascertaining 5-year mortality among Texas heterotaxy cases. J Registry Manag. 2014;41:4-6

McKinnish T, Rees DI, Langlois PH. Seasonality in birth defects, agricultural production and urban location. Econ Hum Biol. 2014;15c:120-128


Peterson C, Ailes E, Riehle-Colarusso T, Oster ME, Olney RS, Cassell CH, Fixler DE, Carmichael SL, Shaw GM, Gilboa SM. Late detection of critical congenital heart


