

Texas Birth Defects Registry (TBDR) Annual Report
Appendix E. Research Using Texas Birth Defects Registry Data
(n=502, as of September 2025)

2025 (n=11)

1. Betancourt, D., Shumate, C., Canfield, M. A., Ferdinand, A., Page, R., Morris, T., Ayres, S., & Sinha, S. (2025). Assessing the Impact of Social Factors on Survival Among Infants Born with Transposition of the Great Arteries, Tetralogy of Fallot, and Diaphragmatic Hernia in Texas, 2011-2019. *Maternal and Child Health Journal*, 10.1007/s10995-025-04126-2. Advance online publication. <https://doi.org/10.1007/s10995-025-04126-2>
2. Betancourt, D., Shumate, C., Yantz, C., Gandhi, H., Drummond-Borg, M., Kubenka, C., Singletary, C., Riconda, D., & Agopian, A. J. (2025). Self-Reported Access to Specialized Genetics Providers Among Families of Young Children with Birth Defects in Texas. *American Journal of Medical Genetics. Part A*, 197(6), Article e64022. <https://doi.org/10.1002/ajmg.a.64022>
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5. Ludorf, K. L., Benjamin, R. H., Shumate, C. J., Canfield, M. A., Nguyen, J., & Agopian, A. J. (2025). Long-term survival among children with trisomy 13 and trisomy 18 by cytogenetic status. *JAMA Network Open* 8(9), e2529885. <https://doi.org/10.1001/jamanetworkopen.2025.29885>
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2023 (n=22)

1. Ahmed, M., Shumate, C., Bojes, H., Patel, K., Agopian, A. J., & Canfield, M. (2024). Racial and ethnic differences in infant survival for hydrocephaly-Texas, 1999-2017. *Birth defects research*, 116(1), e2285.
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<https://doi.org/10.1002/bdr2.2225>
4. Benjamin RH, Nguyen JM, Canfield MA, Shumate CJ, Agopian AJ. Survival of neonates, infants, and children with birth defects: a population-based study in Texas, 1999-2018. *Lancet Reg Health Am*. 2023 Oct 18;27:100617.
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10. Martin-Giacalone, B. A., Lin, A. E., Rasmussen, S. A., Kirby, R. S., Nestoridi, E., Liberman, R. F., Agopian, A. J., Carey, J. C., Cragan, J. D., Forestieri, N., Leedom, V., Boyce, A., Nembhard, W. N., Piccardi, M., Sandidge, T., Shan, X., Shumate, C. J., Stallings, E. B., Stevenson, R., & Lupo, P. J. (2023). Prevalence and descriptive epidemiology of Turner syndrome in the United States, 2000-2017: A report from the National Birth Defects Prevention Network. *American journal of medical genetics. Part A*, 10.1002/ajmg.a.63181. Advance online publication.
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15. Schraw, J. M., Benjamin, R. H., Shumate, C. J., Canfield, M. A., Scott, D. A., McLean, S. D., Northrup, H., Scheuerle, A. E., Schaaf, C. P., Ray, J. W., Chen, H., Agopian, A. J., & Lupo, P. J. (2023). Patterns of co-occurring birth defects in children with anotia and microtia. *American journal of medical genetics. Part A*, 191(3), 805–812. <https://doi.org/10.1002/ajmg.a.63081>
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2022 (n=25)

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