

Texas Birth Defects Registry (TBDR) Annual Report

Table 6. Pregnancy Outcome Distribution for Selected Birth Defects, Texas, 1999–2021

Birth Defect (Body System)	Live Birth		Spontaneous Fetal Death		Induced Pregnancy Termination		Unspecified Fetal Death/Termination	
	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Central Nervous System								
Anencephaly	811	37.43%	691	31.89%	637	29.40%	28	1.29%
Spina bifida (without anencephaly)	2,998	91.54%	127	3.88%	145	4.43%	5	0.15%
Encephalocele	665	77.87%	89	10.42%	97	11.36%	3	0.35%
Microcephaly, severe (head circ. <3 rd percentile)	4,547	99.45%	25	0.55%	0	0.00%	0	0.00%
Holoprosencephaly	786	85.44%	65	7.07%	69	7.50%	0	0.00%
Hydrocephaly (without spina bifida)	6,912	96.35%	169	2.36%	85	1.19%	8	0.11%
Eye and Ear								
Anophthalmia	194	75.78%	36	14.06%	24	9.38%	2	0.78%
Microphthalmia	2,349	98.24%	28	1.17%	13	0.54%	1	0.04%
Cataract	1,720	99.88%	2	0.12%	0	0.00%	0	0.00%
Anotia or microtia	3,121	98.05%	46	1.45%	15	0.47%	1	0.03%
Cardiac and Circulatory								
Common truncus	651	96.88%	18	2.68%	3	0.45%	0	0.00%
Transposition of the great vessels	2,912	99.08%	21	0.72%	5	0.17%	1	0.03%
Double outlet right ventricle	2,029	99.12%	15	0.73%	2	0.10%	1	0.05%
Tetralogy of Fallot	3,461	99.31%	22	0.63%	2	0.06%	0	0.00%
Ventricular septal defect	54,249	99.68%	119	0.22%	52	0.10%	5	0.01%
Atrial septal defect	63,678	99.86%	76	0.12%	13	0.02%	1	0.00%
Atrioventricular septal defect (endocardial cushion defect)	3,791	98.44%	38	0.99%	19	0.49%	3	0.08%
Pulmonary valve atresia or stenosis	8,782	99.69%	21	0.24%	6	0.07%	0	0.00%
Tricuspid valve atresia or stenosis	1,674	99.35%	9	0.53%	1	0.06%	1	0.06%
Ebstein anomaly	666	98.52%	8	1.18%	2	0.30%	0	0.00%
Aortic valve stenosis	2,115	99.30%	9	0.42%	4	0.19%	2	0.09%
Hypoplastic left heart syndrome	1,929	98.27%	23	1.17%	9	0.46%	2	0.10%
Patent ductus arteriosus	50,308	99.96%	16	0.03%	2	0.00%	0	0.00%
Coarctation of the aorta	4,652	99.11%	37	0.79%	5	0.11%	0	0.00%

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Respiratory								
Choanal atresia or stenosis	1,122	98.34%	14	1.23%	4	0.35%	1	0.09%
Agenesis, aplasia, or hypoplasia of the lung	2,297	88.72%	190	7.34%	97	3.75%	5	0.19%
Oral Clefts								
Cleft palate alone (without cleft lip)	5,089	96.92%	115	2.19%	43	0.82%	4	0.08%
Cleft lip (with or without cleft palate)	8,855	93.46%	429	4.53%	177	1.87%	14	0.15%
Gastrointestinal								
Tracheoesophageal fistula/esophageal atresia	1,927	99.13%	15	0.77%	2	0.10%	0	0.00%
Pyloric stenosis	13,999	99.95%	6	0.04%	1	0.01%	0	0.00%
Stenosis or atresia of the small intestine	2,990	98.62%	36	1.19%	2	0.07%	4	0.13%
Stenosis or atresia of large intestine, rectum, anal canal	4,449	94.62%	172	3.66%	73	1.55%	8	0.17%
Hirschsprung disease	1,268	100.0%	0	0.00%	0	0.00%	0	0.00%
Biliary atresia	619	99.36%	3	0.48%	1	0.16%	0	0.00%
Genitourinary								
Hypospadias	28,123	99.92%	16	0.06%	8	0.03%	0	0.00%
Renal agenesis or dysgenesis	5,419	93.74%	198	3.43%	153	2.65%	11	0.19%
Bladder exstrophy	148	95.48%	5	3.23%	1	0.65%	1	0.65%
Musculoskeletal								
Congenital hip dislocation (without hip dysplasia)	2,159	99.31%	12	0.55%	2	0.09%	1	0.05%
Talipes equinovarus (clubfoot)	14,075	95.20%	496	3.36%	199	1.35%	14	0.09%
Reduction defects of the upper limbs	3,338	91.28%	220	6.02%	91	2.49%	8	0.22%
Reduction defects of the lower limbs	1,517	86.98%	154	8.83%	68	3.90%	5	0.29%
Craniosynostosis	4,982	99.86%	4	0.08%	3	0.06%	0	0.00%
Achondroplasia	318	98.76%	1	0.31%	2	0.62%	1	0.31%
Diaphragmatic hernia	2,416	97.07%	47	1.89%	23	0.92%	3	0.12%
Omphalocele	1,463	76.60%	302	15.81%	135	7.07%	10	0.52%
Gastroschisis	4,111	91.68%	302	6.74%	65	1.45%	6	0.13%

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Chromosomal								
Trisomy 21 (Down syndrome)	11,572	94.29%	380	3.10%	303	2.47%	18	0.15%
Trisomy 13 (Patau syndrome)	673	66.57%	190	18.79%	143	14.14%	5	0.49%
Trisomy 18 (Edwards syndrome)	1,234	56.12%	558	25.38%	389	17.69%	18	0.82%
Infants & fetuses with regular reportable birth defects	436,600	97.63%	7,212	1.61%	3,169	0.71%	233	0.05%

Please see the Methods section of the Annual Report for additional information: <https://www.dshs.texas.gov/sites/default/files/birthdefects/annualreport/1999-2021-TBDR-Methods.pdf>

Prepared by: Texas Birth Defects Registry, Birth Defects Epidemiology and Surveillance Branch, Texas Department of State Health Services, October 2024.