

Texas Birth Defects Registry (TBDR) Annual Report

Table 6. Pregnancy Outcome Distribution for Selected Birth Defects, Texas, 1999–2020

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	784	37.25%	669	31.78%	624	29.64%	28	1.33%
Spina bifida without anencephaly	2,868	91.40%	122	3.89%	143	4.56%	5	0.16%
Encephalocele	631	77.52%	85	10.44%	95	11.67%	3	0.37%
Microcephaly, severe (head circ. <3 rd percentile)	4,262	99.42%	25	0.58%	0	0.00%	0	0.00%
Holoprosencephaly	755	85.31%	63	7.12%	67	7.57%	0	0.00%
Hydrocephaly without spina bifida	6,543	96.19%	167	2.46%	84	1.24%	8	0.12%
Eye and Ear								
Anophthalmia	188	76.42%	33	13.42%	23	9.35%	2	0.81%
Microphthalmia	2,266	98.18%	28	1.21%	13	0.56%	1	0.04%
Cataract	1,628	99.88%	2	0.12%	0	0.00%	0	0.00%
Anotia or microtia	2,943	98.00%	44	1.47%	15	0.50%	1	0.03%
Cardiac and Circulatory								
Common truncus	624	96.74%	18	2.79%	3	0.47%	0	0.00%
Transposition of the great vessels	2,816	99.09%	20	0.70%	5	0.18%	1	0.04%
Double outlet right ventricle	1,931	99.13%	14	0.72%	2	0.10%	1	0.05%
Tetralogy of Fallot	3,313	99.28%	22	0.66%	2	0.06%	0	0.00%
Ventricular septal defect	51,375	99.67%	115	0.22%	52	0.10%	5	0.01%
Atrial septal defect	59,908	99.85%	74	0.12%	13	0.02%	1	0.00%
Atrioventricular septal defect (endocardial cushion defect)	3,622	98.40%	37	1.01%	19	0.52%	3	0.08%
Pulmonary valve atresia or stenosis	8,373	99.68%	21	0.25%	6	0.07%	0	0.00%
Tricuspid valve atresia or stenosis	1,580	99.31%	9	0.57%	1	0.06%	1	0.06%
Ebstein anomaly	629	98.44%	8	1.25%	2	0.31%	0	0.00%
Aortic valve stenosis	2,015	99.26%	9	0.44%	4	0.20%	2	0.10%
Hypoplastic left heart syndrome	1,866	98.37%	20	1.05%	9	0.47%	2	0.11%
Patent ductus arteriosus	49,255	99.96%	16	0.03%	2	0.00%	0	0.00%
Coarctation of the aorta	4,426	99.06%	37	0.83%	5	0.11%	0	0.00%

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Respiratory								
Choanal atresia or stenosis	1,057	98.23%	14	1.30%	4	0.37%	1	0.09%
Agensis, aplasia, or hypoplasia of the lung	2,234	88.79%	182	7.23%	95	3.78%	5	0.20%
Oral Clefts								
Cleft palate alone (without cleft lip)	4,857	96.89%	111	2.21%	41	0.82%	4	0.08%
Cleft lip with or without cleft palate	8,474	93.38%	413	4.55%	175	1.93%	13	0.14%
Gastrointestinal								
Tracheoesophageal fistula/esophageal atresia	1,830	99.13%	14	0.76%	2	0.11%	0	0.00%
Pyloric stenosis	13,581	99.95%	6	0.04%	1	0.01%	0	0.00%
Stenosis or atresia of the small intestine	2,834	98.57%	35	1.22%	2	0.07%	4	0.14%
Stenosis or atresia of large intestine, rectum, anal canal	4,246	94.46%	169	3.76%	72	1.60%	8	0.18%
Hirschsprung disease	1,213	100.0%	0	0.00%	0	0.00%	0	0.00%
Biliary atresia	600	99.50%	3	0.50%	0	0.00%	0	0.00%
Genitourinary								
Hypospadias	26,802	99.91%	16	0.06%	8	0.03%	0	0.00%
Epispadias	820	100.0%	0	0.00%	0	0.00%	0	0.00%
Renal agenesis or dysgenesis	5,108	93.43%	196	3.59%	152	2.78%	11	0.20%
Bladder exstrophy	141	95.27%	5	3.38%	1	0.68%	1	0.68%
Musculoskeletal								
Congenital hip dislocation without hip dysplasia	2,107	99.29%	12	0.57%	2	0.09%	1	0.05%
Talipes equinovarus/clubfoot	13,339	95.18%	468	3.34%	193	1.38%	14	0.10%
Reduction defects of the upper limbs	3,203	91.49%	204	5.83%	86	2.46%	8	0.23%
Reduction defects of the lower limbs	1,442	86.97%	145	8.75%	66	3.98%	5	0.30%
Craniosynostosis	4,709	99.85%	4	0.09%	3	0.06%	0	0.00%
Achondroplasia	303	98.70%	1	0.33%	2	0.65%	1	0.33%
Diaphragmatic hernia	2,286	96.91%	47	1.99%	23	0.98%	3	0.13%
Omphalocele	1,396	76.66%	281	15.43%	134	7.36%	10	0.55%
Gastroschisis	3,959	91.73%	287	6.65%	64	1.48%	6	0.14%

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Chromosomal								
Trisomy 21 (Down syndrome)	11,012	94.18%	364	3.11%	300	2.57%	17	0.15%
Trisomy 13 (Patau syndrome)	648	66.80%	180	18.56%	137	14.12%	5	0.52%
Trisomy 18 (Edwards syndrome)	1,190	56.03%	535	25.19%	381	17.94%	18	0.85%
Infants & fetuses with regular reportable birth defects	409,509	97.57%	6,873	1.64%	3,112	0.74%	231	0.06%

Please see the Methods section of the Annual Report for additional information: <https://www.dshs.texas.gov/sites/default/files/birthdefects/annualreport/1999-2020-TBDR-Methods.pdf>

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