

Texas Birth Defects Registry (TBDR) Annual Report

Table 6. Percentage of Selected Birth Defects by Pregnancy Outcome, Texas, 1999–2022

Birth Defect	Pregnancy Outcome	Cases (count)	Percentage (%)	Total Cases (count)
Central Nervous System				
Anencephaly	Live Birth	871	38.54%	2,260
	Non-Live Birth	1,389	61.46%	
Spina bifida (without anencephaly)	Live Birth	3,146	91.80%	3,427
	Non-Live Birth	281	8.20%	
Encephalocele	Live Birth	711	78.48%	906
	Non-Live Birth	195	21.52%	
Microcephaly (severe, head circumference <3rd percentile)	Live Birth	4,884	99.45%	4,911
	Non-Live Birth	27	0.55%	
Holoprosencephaly	Live Birth	814	85.68%	950
	Non-Live Birth	136	14.32%	
Hydrocephaly (without spina bifida)	Live Birth	7,331	96.46%	7,600
	Non-Live Birth	269	3.54%	
Eye & Ear				
Anophthalmia or Microphthalmia	Live Birth	2,632	96.13%	2,738
	Non-Live Birth	106	3.87%	
Cataract	Live Birth	1,815	99.89%	1,817
	Non-Live Birth	2	0.11%	
Anotia or Microtia	Live Birth	3,316	97.99%	3,384
	Non-Live Birth	68	2.01%	
Cardiovascular				
Common truncus	Live Birth	686	96.89%	708
	Non-Live Birth	22	3.11%	
Transposition of the great vessels	Live Birth	3,046	99.09%	3,074
	Non-Live Birth	28	0.91%	
Double outlet right ventricle	Live Birth	2,163	99.18%	2,181
	Non-Live Birth	18	0.83%	
Tetralogy of Fallot	Live Birth	3,652	99.40%	3,674
	Non-Live Birth	22	0.60%	
Ventricular septal defect	Live Birth	57,395	99.69%	57,575
	Non-Live Birth	180	0.31%	
Atrial septal defect	Live Birth	67,828	99.87%	67,920
	Non-Live Birth	92	0.14%	
Atrioventricular septal defect (endocardial cushion defect)	Live Birth	4,008	98.53%	4,068
	Non-Live Birth	60	1.48%	
Pulmonary valve atresia or stenosis	Live Birth	9,302	99.72%	9,328
	Non-Live Birth	26	0.28%	
Tricuspid valve atresia or stenosis	Live Birth	1,774	99.33%	1,786
	Non-Live Birth	12	0.67%	
Ebstein anomaly	Live Birth	698	98.59%	708
	Non-Live Birth	10	1.41%	
Aortic valve stenosis	Live Birth	2,224	99.29%	2,240
	Non-Live Birth	16	0.71%	

Birth Defect	Pregnancy Outcome	Cases (count)	Percentage (%)	Total Cases (count)
Hypoplastic left heart syndrome	Live Birth	2,028	98.35%	2,062
	Non-Live Birth	34	1.65%	
Patent ductus arteriosus	Live Birth	51,467	99.97%	51,485
	Non-Live Birth	18	0.04%	
Coarctation of the aorta	Live Birth	4,859	99.14%	4,901
	Non-Live Birth	42	0.86%	
Respiratory				
Choanal atresia or stenosis	Live Birth	1,173	98.41%	1,192
	Non-Live Birth	19	1.59%	
Agenesis, aplasia, or hypoplasia of the lung	Live Birth	2,366	88.91%	2,661
	Non-Live Birth	295	11.09%	
Orofacial				
Cleft palate alone (without cleft lip)	Live Birth	5,303	96.93%	5,471
	Non-Live Birth	168	3.07%	
Cleft lip with or without cleft palate	Live Birth	9,234	93.51%	9,875
	Non-Live Birth	641	6.49%	
Gastrointestinal				
Tracheoesophageal fistula/esophageal atresia	Live Birth	2,002	99.16%	2,019
	Non-Live Birth	17	0.84%	
Pyloric stenosis	Live Birth	14,506	99.95%	14,513
	Non-Live Birth	7	0.05%	
Stenosis or atresia of the small intestine	Live Birth	3,145	98.68%	3,187
	Non-Live Birth	42	1.32%	
Stenosis or atresia of large intestine, rectum, anal canal	Live Birth	4,673	94.86%	4,926
	Non-Live Birth	253	5.14%	
Hirschsprung disease	Live Birth	1,328	100.00%	1,328
	Non-Live Birth	0	0.00%	
Biliary atresia	Live Birth	644	99.38%	648
	Non-Live Birth	4	0.62%	
Genitourinary				
Hypospadias (among males)	Live Birth	29,489	99.92%	29,514
	Non-Live Birth	25	0.09%	
Renal agenesis or dysgenesis	Live Birth	5,770	94.05%	6,135
	Non-Live Birth	365	5.95%	
Bladder exstrophy	Live Birth	160	95.81%	167
	Non-Live Birth	7	4.19%	
Musculoskeletal				
Congenital hip dislocation (without hip dysplasia)	Live Birth	2,220	99.24%	2,237
	Non-Live Birth	17	0.76%	
Talipes equinovarus (clubfoot)	Live Birth	14,892	95.28%	15,629
	Non-Live Birth	737	4.72%	
Reduction defects of the upper limbs	Live Birth	3,482	91.34%	3,812
	Non-Live Birth	330	8.66%	
Reduction defects of the lower limbs	Live Birth	1,587	86.96%	1,825
	Non-Live Birth	238	13.04%	
Craniosynostosis	Live Birth	5,274	99.87%	5,281
	Non-Live Birth	7	0.13%	

Birth Defect	Pregnancy Outcome	Cases (count)	Percentage (%)	Total Cases (count)
Achondroplasia	Live Birth	333	98.81%	337
	Non-Live Birth	4	1.19%	
Diaphragmatic hernia	Live Birth	2,546	97.10%	2,622
	Non-Live Birth	76	2.90%	
Omphalocele	Live Birth	1,542	76.99%	2,003
	Non-Live Birth	461	23.02%	
Gastroschisis	Live Birth	4,257	91.65%	4,645
	Non-Live Birth	388	8.35%	
Chromosomal				
Down syndrome (trisomy 21)	Live Birth	12,077	94.34%	12,801
	Non-Live Birth	724	5.66%	
Patau syndrome (trisomy 13)	Live Birth	702	66.79%	1,051
	Non-Live Birth	349	33.21%	
Edwards syndrome (trisomy 18)	Live Birth	1,292	56.57%	2,284
	Non-Live Birth	992	43.43%	
Infants & fetuses with regular reportable birth defects	Live Birth	465,811	97.69%	476,828
	Non-Live Birth	11,017	2.31%	

Please see the Methods section of the Annual Report for additional information:

<https://www.dshs.texas.gov/sites/default/files/birthdefects/annualreport/methods.pdf>

Prepared by: Texas Birth Defects Registry, Birth Defects Epidemiology and Surveillance Branch, Texas Department of State Health Services, September 2025.