

Texas Birth Defects Registry (TBDR) Annual Report

Table 6. Percentage of Selected Birth Defects by Pregnancy Outcome, Texas, 1999–2023

Birth Defect	Pregnancy Outcome	Cases (count)	Percentage (%)	Total Cases (count)
Central Nervous System				
Anencephaly	Live Birth	920	39.32%	2,340
	Non-Live Birth	1,420	60.68%	
Spina bifida (without anencephaly)	Live Birth	3,304	92.11%	3,587
	Non-Live Birth	283	7.89%	
Encephalocele	Live Birth	750	79.03%	949
	Non-Live Birth	199	20.97%	
Microcephaly (severe, head circumference <3rd percentile)	Live Birth	5,254	99.49%	5,281
	Non-Live Birth	27	0.51%	
Holoprosencephaly	Live Birth	846	85.98%	984
	Non-Live Birth	138	14.02%	
Hydrocephaly (without spina bifida)	Live Birth	7,748	96.56%	8,024
	Non-Live Birth	276	3.44%	
Eye & Ear				
Anophthalmia or Microphthalmia	Live Birth	2,736	96.20%	2,844
	Non-Live Birth	108	3.80%	
Cataract	Live Birth	1,915	99.90%	1,917
	Non-Live Birth	2	0.10%	
Anotia or Microtia	Live Birth	3,539	98.06%	3,609
	Non-Live Birth	70	1.94%	
Cardiovascular				
Common truncus	Live Birth	729	97.07%	751
	Non-Live Birth	22	2.93%	
Transposition of the great vessels	Live Birth	3,156	99.12%	3,184
	Non-Live Birth	28	0.88%	
Double outlet right ventricle	Live Birth	2,297	99.22%	2,315
	Non-Live Birth	18	0.78%	
Tetralogy of Fallot	Live Birth	3,867	99.41%	3,890
	Non-Live Birth	23	0.59%	
Ventricular septal defect	Live Birth	60,693	99.70%	60,876
	Non-Live Birth	183	0.30%	
Atrial septal defect	Live Birth	72,217	99.87%	72,313
	Non-Live Birth	96	0.13%	
Atrioventricular septal defect	Live Birth	4,223	98.53%	4,286
	Non-Live Birth	63	1.47%	
Pulmonary valve atresia or stenosis	Live Birth	9,851	99.73%	9,878
	Non-Live Birth	27	0.27%	
Tricuspid valve atresia or stenosis	Live Birth	1,882	99.37%	1,894
	Non-Live Birth	12	0.63%	
Ebstein anomaly	Live Birth	724	98.64%	734
	Non-Live Birth	10	1.36%	
Aortic valve stenosis	Live Birth	2,329	99.32%	2,345
	Non-Live Birth	16	0.68%	
Hypoplastic left heart syndrome	Live Birth	2,096	98.36%	2,131
	Non-Live Birth	35	1.64%	

Birth Defect	Pregnancy Outcome	Cases (count)	Percentage (%)	Total Cases (count)
Patent ductus arteriosus	Live Birth	52,775	99.97%	52,793
	Non-Live Birth	18	0.03%	
Coarctation of the aorta	Live Birth	5,072	99.18%	5,114
	Non-Live Birth	42	0.82%	
Respiratory				
Choanal atresia or stenosis	Live Birth	1,229	98.48%	1,248
	Non-Live Birth	19	1.52%	
Agenesis, aplasia, or hypoplasia of the lung	Live Birth	2,458	88.87%	2,766
	Non-Live Birth	308	11.14%	
Orofacial				
Cleft palate alone (without cleft lip)	Live Birth	5,535	96.99%	5,707
	Non-Live Birth	172	3.01%	
Cleft lip alone (without cleft palate)	Live Birth	2,996	92.90%	3,225
	Non-Live Birth	229	7.10%	
Cleft lip with cleft palate	Live Birth	6,665	93.95%	7,094
	Non-Live Birth	429	6.05%	
Gastrointestinal				
Esophageal atresia/tracheoesophageal fistula	Live Birth	2,112	99.20%	2,129
	Non-Live Birth	17	0.80%	
Pyloric stenosis	Live Birth	15,123	99.95%	15,130
	Non-Live Birth	7	0.05%	
Stenosis or atresia of the small intestine	Live Birth	3,333	98.76%	3,375
	Non-Live Birth	42	1.24%	
Stenosis or atresia of large intestine, rectum, anal canal	Live Birth	4,872	94.90%	5,134
	Non-Live Birth	262	5.10%	
Hirschsprung disease	Live Birth	1,397	100.00%	1,397
	Non-Live Birth	0	0.00%	
Biliary atresia	Live Birth	671	99.41%	675
	Non-Live Birth	4	0.59%	
Genitourinary				
Hypospadias (among males)	Live Birth	30,869	99.92%	30,894
	Non-Live Birth	25	0.08%	
Renal agenesis or dysgenesis	Live Birth	6,081	94.28%	6,450
	Non-Live Birth	369	5.72%	
Bladder exstrophy	Live Birth	168	96.00%	175
	Non-Live Birth	7	4.00%	
Musculoskeletal				
Congenital hip dislocation (without hip dysplasia)	Live Birth	2,279	99.26%	2,296
	Non-Live Birth	17	0.74%	
Talipes equinovarus (clubfoot)	Live Birth	15,739	95.38%	16,501
	Non-Live Birth	762	4.62%	
Reduction defects of the upper limbs	Live Birth	3,645	91.33%	3,991
	Non-Live Birth	346	8.67%	
Reduction defects of the lower limbs	Live Birth	1,666	87.23%	1,910
	Non-Live Birth	244	12.78%	
Craniosynostosis	Live Birth	5,522	99.86%	5,530
	Non-Live Birth	8	0.15%	

Birth Defect	Pregnancy Outcome	Cases (count)	Percentage (%)	Total Cases (count)
Achondroplasia	Live Birth	354	98.88%	358
	Non-Live Birth	4	1.12%	
Diaphragmatic hernia	Live Birth	2,681	97.17%	2,759
	Non-Live Birth	78	2.83%	
Omphalocele	Live Birth	1,604	76.89%	2,086
	Non-Live Birth	482	23.11%	
Gastroschisis	Live Birth	4,408	91.70%	4,807
	Non-Live Birth	399	8.30%	
<i>Chromosomal</i>				
Down syndrome (trisomy 21)	Live Birth	12,702	94.49%	13,443
	Non-Live Birth	741	5.51%	
Patau syndrome (trisomy 13)	Live Birth	737	67.12%	1,098
	Non-Live Birth	361	32.88%	
Edwards syndrome (trisomy 18)	Live Birth	1,347	57.03%	2,362
	Non-Live Birth	1,015	42.97%	
<i>Infants & fetuses with regular reportable birth defects</i>	Live Birth	467,791	97.63%	479,126
	Non-Live Birth	11,335	2.37%	

Non-Live Birth includes the following outcomes: spontaneous fetal death, induced termination, and unspecified fetal death.

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

A visualization of these data is available at the following link:
<https://tabexternal.dshs.texas.gov/t/BirthDefects/views/TBDRAnnualReport1999-2023/PregnancyOutcome?:embed=y>

Prepared by: Texas Birth Defects Registry, Birth Defects Epidemiology and Surveillance Branch, Texas Department of State Health Services, August 2026.