

Texas Birth Defects Registry, Report of Birth Defects Among 1999-2017 Deliveries
 Table 5. Prevalence of Selected Birth Defects by Sex of Infant or Fetus, Texas, 1999-2017

Birth Defect	Sex	Cases	Prevalence [†]	95% Confidence Interval for Prevalence	
Central Nervous System					
Anencephaly * (p=0.0001)	Male	793	2.12	1.97 -	2.27
	Female	912	2.55	2.38 -	2.71
Spina bifida without anencephaly	Male	1345	3.59	3.40 -	3.79
	Female	1360	3.80	3.60 -	4.00
Encephalocele	Male	320	0.86	0.76 -	0.95
	Female	352	0.98	0.88 -	1.09
Microcephaly, severe (head circumference <3rd percentile) * (p<0.0001)	Male	1443	3.86	3.66 -	4.05
	Female	1853	5.18	4.94 -	5.41
Holoprosencephaly * (p<0.0001)	Male	326	0.87	0.78 -	0.97
	Female	429	1.20	1.08 -	1.31
Hydrocephaly without spina bifida * (p<0.0001)	Male	3200	8.55	8.25 -	8.85
	Female	2472	6.90	6.63 -	7.18
Eye and Ear					
Anophthalmia	Male	98	0.26	0.21 -	0.32
	Female	108	0.30	0.24 -	0.36
Microphthalmia * (p=0.0058)	Male	950	2.54	2.38 -	2.70
	Female	1029	2.87	2.70 -	3.05
Cataract	Male	699	1.87	1.73 -	2.01
	Female	685	1.91	1.77 -	2.06
Anotia or microtia * (p<0.0001)	Male	1423	3.80	3.61 -	4.00
	Female	1065	2.97	2.80 -	3.15
Cardiac and Circulatory					
Common truncus	Male	283	0.76	0.67 -	0.84
	Female	270	0.75	0.66 -	0.84
Transposition of the great vessels * (p<0.0001)	Male	1623	4.34	4.13 -	4.55
	Female	875	2.44	2.28 -	2.61
Double outlet right ventricle * (p<0.0001)	Male	944	2.52	2.36 -	2.68
	Female	682	1.90	1.76 -	2.05
Tetralogy of Fallot * (p=0.0005)	Male	1538	4.11	3.90 -	4.32
	Female	1290	3.60	3.41 -	3.80
Ventricular septal defect * (p<0.0001)	Male	19948	53.31	52.57 -	54.05
	Female	23505	65.65	64.82 -	66.49
Atrial septal defect * (p=0.0098)	Male	25011	66.84	66.01 -	67.66
	Female	24490	68.41	67.55 -	69.26
Atrioventricular septal defect (endocardial cushion defect) * (p=0.0007)	Male	1520	4.06	3.86 -	4.27
	Female	1641	4.58	4.36 -	4.81
Pulmonary valve atresia or stenosis * (p<0.0001)	Male	3217	8.60	8.30 -	8.89
	Female	3789	10.58	10.25 -	10.92
Tricuspid valve atresia or stenosis	Male	696	1.86	1.72 -	2.00
	Female	620	1.73	1.60 -	1.87
Ebstein anomaly	Male	259	0.69	0.61 -	0.78
	Female	273	0.76	0.67 -	0.85
Aortic valve stenosis * (p<0.0001)	Male	1078	2.88	2.71 -	3.05
	Female	662	1.85	1.71 -	1.99
Hypoplastic left heart syndrome * (p<0.0001)	Male	989	2.64	2.48 -	2.81
	Female	637	1.78	1.64 -	1.92

Texas Birth Defects Registry, Report of Birth Defects Among 1999-2017 Deliveries
 Table 5. Prevalence of Selected Birth Defects by Sex of Infant or Fetus, Texas, 1999-2017

Birth Defect	Sex	Cases	Prevalence [†]	95% Confidence Interval for Prevalence	
Patent ductus arteriosus	Male	22406	59.87	59.09 -	60.66
	Female	21244	59.34	58.54 -	60.14
Coarctation of the aorta * (p<0.0001)	Male	2193	5.86	5.61 -	6.11
	Female	1591	4.44	4.23 -	4.66
Respiratory					
Choanal atresia or stenosis	Male	460	1.23	1.12 -	1.34
	Female	461	1.29	1.17 -	1.41
Agenesis, aplasia, or hypoplasia of the lung * (p<0.0001)	Male	1263	3.38	3.19 -	3.56
	Female	961	2.68	2.51 -	2.85
Oral Clefts					
Cleft palate alone (without cleft lip) * (p<0.0001)	Male	1907	5.10	4.87 -	5.32
	Female	2407	6.72	6.45 -	6.99
Cleft lip with or without cleft palate * (p<0.0001)	Male	4749	12.69	12.33 -	13.05
	Female	3068	8.57	8.27 -	8.87
Gastrointestinal					
Tracheoesophageal fistula / esophageal atresia	Male	845	2.26	2.11 -	2.41
	Female	734	2.05	1.90 -	2.20
Pyloric stenosis * (p<0.0001)	Male	9977	26.66	26.14 -	27.18
	Female	2090	5.84	5.59 -	6.09
Stenosis or atresia of the small intestine * (p=0.0004)	Male	1165	3.11	2.93 -	3.29
	Female	1285	3.59	3.39 -	3.79
Stenosis or atresia of large intestine, rectum, or anal canal * (p<0.0001)	Male	2096	5.60	5.36 -	5.84
	Female	1718	4.80	4.57 -	5.03
Hirschsprung disease * (p<0.0001)	Male	783	2.09	1.95 -	2.24
	Female	250	0.70	0.61 -	0.78
Biliary atresia * (p<0.0001)	Male	218	0.58	0.51 -	0.66
	Female	309	0.86	0.77 -	0.96
Genitourinary					
Hypospadias * (p<0.0001)	Male	22778	60.87	60.08 -	61.66
	Female	0	0.00	0.00 -	0.01
Epispadias * (p<0.0001)	Male	767	2.05	1.90 -	2.19
	Female	8	0.02	0.01 -	0.04
Renal agenesis or dysgenesis * (p<0.0001)	Male	2634	7.04	6.77 -	7.31
	Female	1818	5.08	4.84 -	5.31
Bladder exstrophy	Male	68	0.18	0.14 -	0.23
	Female	60	0.17	0.13 -	0.22
Musculoskeletal					
Congenital hip dislocation without hip dysplasia * (p<0.0001)	Male	595	1.59	1.46 -	1.72
	Female	1373	3.84	3.63 -	4.04
Talipes equinovarus / clubfoot * (p<0.0001)	Male	7232	19.33	18.88 -	19.77
	Female	4536	12.67	12.30 -	13.04
Reduction defects of the upper limbs * (p<0.0001)	Male	1653	4.42	4.20 -	4.63
	Female	1348	3.77	3.56 -	3.97
Reduction defects of the lower limbs * (p=0.0383)	Male	760	2.03	1.89 -	2.18
	Female	651	1.82	1.68 -	1.96

Texas Birth Defects Registry, Report of Birth Defects Among 1999-2017 Deliveries
 Table 5. Prevalence of Selected Birth Defects by Sex of Infant or Fetus, Texas, 1999-2017

Birth Defect	Sex	Cases	Prevalence[†]	95% Confidence Interval for Prevalence	
Craniosynostosis * (p<0.0001)	Male	2526	6.75	6.49 -	7.01
	Female	1365	3.81	3.61 -	4.02
Achondroplasia	Male	120	0.32	0.26 -	0.38
	Female	133	0.37	0.31 -	0.43
Diaphragmatic hernia * (p<0.0001)	Male	1148	3.07	2.89 -	3.25
	Female	877	2.45	2.29 -	2.61
Omphalocele * (p<0.0001)	Male	854	2.28	2.13 -	2.44
	Female	656	1.83	1.69 -	1.97
Gastroschisis	Male	1977	5.28	5.05 -	5.52
	Female	1798	5.02	4.79 -	5.25
Chromosomal					
Trisomy 21 (Down syndrome) * (p<0.0001)	Male	5301	14.17	13.78 -	14.55
	Female	4580	12.79	12.42 -	13.16
Trisomy 13 (Patau syndrome)	Male	444	1.19	1.08 -	1.30
	Female	398	1.11	1.00 -	1.22
Trisomy 18 (Edwards syndrome) * (p<0.0001)	Male	780	2.08	1.94 -	2.23
	Female	1024	2.86	2.69 -	3.04
Infants and fetuses with regular reportable birth defects * (p<0.0001)	Male	201751	539.13	536.77 -	541.48
	Female	138170	385.94	383.91 -	387.98

[†] cases per 10,000 live births

* statistically significant by Poisson regression (p<0.05)