

Texas Birth Defects Registry, Report of Birth Defects Among 1999-2015 Deliveries
 Table 5. Prevalence of Selected Birth Defects by Sex of Infant or Fetus, Texas, 1999-2015

Birth Defect	Sex	Cases	Prevalence [†]	95% Confidence Interval for Prevalence	
Central Nervous System					
Anencephaly * (p=0.0052)	Male	722	2.16	2.00 -	2.32
	Female	797	2.49	2.32 -	2.66
Spina bifida without anencephaly	Male	1219	3.64	3.44 -	3.85
	Female	1184	3.70	3.49 -	3.91
Encephalocele	Male	283	0.85	0.75 -	0.94
	Female	318	0.99	0.88 -	1.10
Microcephaly, severe (head circumference <3rd percentile) * (p<0.0001)	Male	1186	3.55	3.34 -	3.75
	Female	1542	4.82	4.58 -	5.06
Holoprosencephaly * (p=0.0003)	Male	300	0.90	0.80 -	1.00
	Female	380	1.19	1.07 -	1.31
Hydrocephaly without spina bifida * (p<0.0001)	Male	2767	8.27	7.97 -	8.58
	Female	2134	6.67	6.39 -	6.95
Eye and Ear					
Anophthalmia	Male	88	0.26	0.21 -	0.32
	Female	105	0.33	0.27 -	0.39
Microphthalmia * (p=0.0038)	Male	836	2.50	2.33 -	2.67
	Female	918	2.87	2.68 -	3.06
Cataract	Male	605	1.81	1.66 -	1.95
	Female	598	1.87	1.72 -	2.02
Anotia or microtia * (p<0.0001)	Male	1230	3.68	3.47 -	3.88
	Female	922	2.88	2.70 -	3.07
Cardiac and Circulatory					
Common truncus	Male	283	0.85	0.75 -	0.94
	Female	268	0.84	0.74 -	0.94
Transposition of the great vessels * (p<0.0001)	Male	2080	6.22	5.95 -	6.49
	Female	1270	3.97	3.75 -	4.19
Tetralogy of Fallot * (p=0.0016)	Male	1337	4.00	3.78 -	4.21
	Female	1126	3.52	3.31 -	3.73
Ventricular septal defect * (p<0.0001)	Male	17479	52.26	51.49 -	53.04
	Female	20597	64.39	63.51 -	65.27
Atrial septal defect	Male	21505	64.30	63.44 -	65.16
	Female	20948	65.49	64.60 -	66.37
Atrioventricular septal defect (endocardial cushion defect) * (p=0.0014)	Male	1340	4.01	3.79 -	4.22
	Female	1447	4.52	4.29 -	4.76
Pulmonary valve atresia or stenosis * (p<0.0001)	Male	2836	8.48	8.17 -	8.79
	Female	3320	10.38	10.03 -	10.73
Tricuspid valve atresia or stenosis	Male	629	1.88	1.73 -	2.03
	Female	565	1.77	1.62 -	1.91
Ebstein anomaly	Male	224	0.67	0.58 -	0.76
	Female	240	0.75	0.66 -	0.85
Aortic valve stenosis * (p<0.0001)	Male	978	2.92	2.74 -	3.11
	Female	602	1.88	1.73 -	2.03
Hypoplastic left heart syndrome * (p<0.0001)	Male	872	2.61	2.43 -	2.78
	Female	564	1.76	1.62 -	1.91
Patent ductus arteriosus	Male	19647	58.74	57.92 -	59.57
	Female	18578	58.08	57.24 -	58.91

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Coarctation of the aorta * (p<0.0001)	Male	1923	5.75	5.49 -	6.01
	Female	1416	4.43	4.20 -	4.66
Respiratory					
Choanal atresia or stenosis	Male	408	1.22	1.10 -	1.34
	Female	417	1.30	1.18 -	1.43
Agenesis, aplasia, or hypoplasia of the lung * (p<0.0001)	Male	1130	3.38	3.18 -	3.58
	Female	867	2.71	2.53 -	2.89
Oral Clefts					
Cleft palate alone (without cleft lip) * (p<0.0001)	Male	1703	5.09	4.85 -	5.33
	Female	2150	6.72	6.44 -	7.01
Cleft lip with or without cleft palate * (p<0.0001)	Male	4249	12.70	12.32 -	13.09
	Female	2764	8.64	8.32 -	8.96
Gastrointestinal					
Tracheoesophageal fistula / esophageal atresia	Male	738	2.21	2.05 -	2.37
	Female	658	2.06	1.90 -	2.21
Pyloric stenosis * (p<0.0001)	Male	9173	27.43	26.87 -	27.99
	Female	1934	6.05	5.78 -	6.32
Stenosis or atresia of the small intestine * (p=0.0011)	Male	1022	3.06	2.87 -	3.24
	Female	1126	3.52	3.31 -	3.73
Stenosis or atresia of large intestine, rectum, or anal canal * (p<0.0001)	Male	1848	5.53	5.27 -	5.78
	Female	1532	4.79	4.55 -	5.03
Hirschsprung disease * (p<0.0001)	Male	692	2.07	1.91 -	2.22
	Female	224	0.70	0.61 -	0.79
Biliary atresia * (p<0.0001)	Male	195	0.58	0.50 -	0.66
	Female	271	0.85	0.75 -	0.95
Genitourinary					
Hypospadias * (p<0.0001)	Male	19813	59.24	58.42 -	60.07
	Female	0	0.00	0.00 -	0.01
Epispadias * (p<0.0001)	Male	672	2.01	1.86 -	2.16
	Female	6	0.02	0.01 -	0.04
Renal agenesis or dysgenesis * (p<0.0001)	Male	2301	6.88	6.60 -	7.16
	Female	1561	4.88	4.64 -	5.12
Bladder exstrophy	Male	64	0.19	0.15 -	0.24
	Female	58	0.18	0.14 -	0.23
Musculoskeletal					
Congenital hip dislocation * (p<0.0001)	Male	776	2.32	2.16 -	2.48
	Female	2040	6.38	6.10 -	6.65
Talipes equinovarus / clubfoot * (p<0.0001)	Male	6272	18.75	18.29 -	19.22
	Female	3945	12.33	11.95 -	12.72
Reduction defects of the upper limbs * (p<0.0001)	Male	1477	4.42	4.19 -	4.64
	Female	1209	3.78	3.57 -	3.99
Reduction defects of the lower limbs * (p=0.0144)	Male	689	2.06	1.91 -	2.21
	Female	574	1.79	1.65 -	1.94
Craniosynostosis * (p<0.0001)	Male	2193	6.56	6.28 -	6.83
	Female	1214	3.80	3.58 -	4.01
Achondroplasia	Male	99	0.30	0.24 -	0.36
	Female	116	0.36	0.30 -	0.43

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Diaphragmatic hernia * (p<0.0001)	Male	1014	3.03	2.85 -	3.22
	Female	776	2.43	2.26 -	2.60
Omphalocele * (p<0.0001)	Male	751	2.25	2.08 -	2.41
	Female	576	1.80	1.65 -	1.95
Gastroschisis	Male	1788	5.35	5.10 -	5.59
	Female	1617	5.05	4.81 -	5.30
Chromosomal					
Trisomy 21 (Down syndrome) * (p<0.0001)	Male	4682	14.00	13.60 -	14.40
	Female	4064	12.70	12.31 -	13.09
Trisomy 13 (Patau syndrome)	Male	395	1.18	1.06 -	1.30
	Female	361	1.13	1.01 -	1.24
Trisomy 18 (Edwards syndrome) * (p<0.0001)	Male	687	2.05	1.90 -	2.21
	Female	919	2.87	2.69 -	3.06
Infants and fetuses with any monitored birth defect * (p<0.0001)	Male	179665	537.20	534.71 -	539.68
	Female	123942	387.45	385.30 -	389.61

[†] cases per 10,000 live births

* statistically significant by Poisson regression (p<0.05)