

**Tennessee**  
**Birth Defects Counts and Prevalence 2014 - 2018 (Prevalence per 10,000 Live Births)**

Defect	Maternal Race/Ethnicity					Total*	Notes
	White, Non-Hispanic	Black, Non-Hispanic	Hispanic	Asian or Pacific Islander, Non-Hispanic	American Indian or Alaska Native, Non-Hispanic		
Anencephalus	41 <i>1.5</i>	15 <i>1.8</i>	9 <i>2.4</i>	2 <i>2.0</i>	0 <i>0.0</i>	72 <i>1.8</i>	
Anophthalmia/microphthalmia	39 <i>1.4</i>	11 <i>1.3</i>	7 <i>1.9</i>	1 <i>1.0</i>	0 <i>0.0</i>	58 <i>1.4</i>	
Anotia/microtia	35 <i>1.3</i>	8 <i>1.0</i>	19 <i>5.1</i>	4 <i>4.0</i>	0 <i>0.0</i>	66 <i>1.6</i>	
Aortic valve stenosis	56 <i>2.1</i>	6 <i>0.7</i>	6 <i>1.6</i>	2 <i>2.0</i>	0 <i>0.0</i>	74 <i>1.8</i>	
Atrial septal defect	4,978 <i>183.8</i>	2,259 <i>273.5</i>	594 <i>159.1</i>	147 <i>148.0</i>	11 <i>198.9</i>	8,046 <i>198.4</i>	
Atrioventricular septal defect (Endocardial cushion defect)	158 <i>5.8</i>	58 <i>7.0</i>	20 <i>5.4</i>	3 <i>3.0</i>	0 <i>0.0</i>	239 <i>5.9</i>	
Biliary atresia	108 <i>4.0</i>	46 <i>5.6</i>	15 <i>4.0</i>	6 <i>6.0</i>	0 <i>0.0</i>	176 <i>4.3</i>	
Bladder exstrophy	8 <i>0.3</i>	3 <i>0.4</i>	3 <i>0.8</i>	0 <i>0.0</i>	0 <i>0.0</i>	14 <i>0.3</i>	
Choanal atresia	66 <i>2.4</i>	17 <i>2.1</i>	11 <i>2.9</i>	1 <i>1.0</i>	0 <i>0.0</i>	95 <i>2.3</i>	
Cleft lip alone	83 <i>3.1</i>	14 <i>1.7</i>	8 <i>2.1</i>	6 <i>6.0</i>	0 <i>0.0</i>	111 <i>2.7</i>	
Cleft lip with cleft palate	210 <i>7.8</i>	35 <i>4.2</i>	33 <i>8.8</i>	4 <i>4.0</i>	1 <i>18.1</i>	284 <i>7.0</i>	
Cleft palate alone	224 <i>8.3</i>	38 <i>4.6</i>	21 <i>5.6</i>	4 <i>4.0</i>	0 <i>0.0</i>	288 <i>7.1</i>	
Cloacal exstrophy	71 <i>2.6</i>	24 <i>2.9</i>	7 <i>1.9</i>	1 <i>1.0</i>	1 <i>18.1</i>	104 <i>2.6</i>	
Clubfoot	622 <i>23.0</i>	184 <i>22.3</i>	67 <i>17.9</i>	10 <i>10.1</i>	1 <i>18.1</i>	892 <i>22.0</i>	
Coarctation of the aorta	238 <i>8.8</i>	68 <i>8.2</i>	39 <i>10.4</i>	8 <i>8.1</i>	0 <i>0.0</i>	359 <i>8.9</i>	
Common truncus (truncus arteriosus)	23 <i>0.8</i>	8 <i>1.0</i>	4 <i>1.1</i>	1 <i>1.0</i>	0 <i>0.0</i>	36 <i>0.9</i>	
Congenital cataract	71 <i>2.6</i>	20 <i>2.4</i>	8 <i>2.1</i>	0 <i>0.0</i>	0 <i>0.0</i>	99 <i>2.4</i>	
Congenital posterior urethral valves	32 <i>2.3</i>	26 <i>6.3</i>	4 <i>2.1</i>	3 <i>5.8</i>	0 <i>0.0</i>	66 <i>3.2</i>	1
Craniosynostosis	387 <i>18.0</i>	45 <i>6.9</i>	43 <i>14.2</i>	7 <i>8.7</i>	0 <i>0.0</i>	488 <i>15.1</i>	2
Deletion 22q11.2	8 <i>0.3</i>	3 <i>0.4</i>	1 <i>0.3</i>	0 <i>0.0</i>	0 <i>0.0</i>	12 <i>0.3</i>	
Diaphragmatic hernia	114 <i>4.2</i>	37 <i>4.5</i>	13 <i>3.5</i>	4 <i>4.0</i>	0 <i>0.0</i>	170 <i>4.2</i>	
Double outlet right ventricle	84 <i>3.1</i>	30 <i>3.6</i>	11 <i>2.9</i>	4 <i>4.0</i>	0 <i>0.0</i>	129 <i>3.2</i>	
Ebstein anomaly	44 <i>1.6</i>	5 <i>0.6</i>	10 <i>2.7</i>	3 <i>3.0</i>	0 <i>0.0</i>	62 <i>1.5</i>	
Encephalocele	40 <i>1.5</i>	14 <i>1.7</i>	4 <i>1.1</i>	0 <i>0.0</i>	0 <i>0.0</i>	58 <i>1.4</i>	
Esophageal atresia/tracheoesophageal fistula	79 <i>2.9</i>	21 <i>2.5</i>	8 <i>2.1</i>	3 <i>3.0</i>	0 <i>0.0</i>	112 <i>2.8</i>	
Gastroschisis	142 <i>5.2</i>	34 <i>4.1</i>	15 <i>4.0</i>	2 <i>2.0</i>	0 <i>0.0</i>	202 <i>5.0</i>	
Holoprosencephaly	97 <i>3.6</i>	30 <i>3.6</i>	13 <i>3.5</i>	4 <i>4.0</i>	0 <i>0.0</i>	145 <i>3.6</i>	
Hypoplastic left heart syndrome	97 <i>3.6</i>	34 <i>4.1</i>	13 <i>3.5</i>	2 <i>2.0</i>	0 <i>0.0</i>	149 <i>3.7</i>	
Hypospadias	1,639 <i>117.8</i>	439 <i>105.6</i>	121 <i>63.5</i>	43 <i>83.8</i>	1 <i>35.8</i>	2,263 <i>109.1</i>	1
Interrupted aortic arch	50 <i>1.8</i>	18 <i>2.2</i>	10 <i>2.7</i>	1 <i>1.0</i>	0 <i>0.0</i>	79 <i>1.9</i>	

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**Birth Defects Counts and Prevalence 2014 - 2018 (Prevalence per 10,000 Live Births)**

Defect	Maternal Race/Ethnicity					Total*	Notes
	White, Non-Hispanic	Black, Non-Hispanic	Hispanic	Asian or Pacific Islander, Non-Hispanic	American Indian or Alaska Native, Non-Hispanic		
Limb deficiencies (reduction defects)	122 4.5	34 4.1	15 4.0	3 3.0	0 0.0	176 4.3	
Omphalocele	68 2.5	33 4.0	12 3.2	3 3.0	0 0.0	120 3.0	
Pulmonary valve atresia and stenosis	250 9.2	87 10.5	29 7.8	9 9.1	1 18.1	379 9.3	
Pulmonary valve atresia	29 1.1	6 0.7	4 1.1	1 1.0	0 0.0	40 1.0	
Rectal and large intestinal atresia/stenosis	127 4.7	43 5.2	28 7.5	6 6.0	0 0.0	205 5.1	
Renal agenesis/hypoplasia	195 7.2	44 5.3	22 5.9	3 3.0	0 0.0	267 6.6	
Single ventricle	38 1.4	11 1.3	7 1.9	2 2.0	0 0.0	59 1.5	
Small intestinal atresia/stenosis	127 4.7	55 6.7	22 5.9	2 2.0	1 18.1	209 5.2	
Spina bifida without anencephalus	131 4.8	31 3.8	16 4.3	6 6.0	0 0.0	188 4.6	
Tetralogy of Fallot	182 6.7	64 7.7	13 3.5	4 4.0	0 0.0	263 6.5	
Total anomalous pulmonary venous connection	28 1.0	4 0.5	9 2.4	1 1.0	0 0.0	42 1.0	
Transposition of the great arteries (TGA)	96 3.5	22 2.7	16 4.3	2 2.0	0 0.0	137 3.4	
Dextro-transposition of great arteries (d-TGA)	91 3.4	22 2.7	13 3.5	2 2.0	0 0.0	129 3.2	
Tricuspid valve atresia and stenosis	36 1.3	10 1.2	4 1.1	0 0.0	0 0.0	50 1.2	
Trisomy 13	30 1.1	11 1.3	6 1.6	2 2.0	0 0.0	49 1.2	
Trisomy 18	45 1.7	20 2.4	14 3.8	0 0.0	0 0.0	79 1.9	
Trisomy 21 (Down syndrome)	374 13.8	89 10.8	85 22.8	15 15.1	0 0.0	572 14.1	
Turner syndrome	33 2.5	10 2.4	4 2.2	2 4.2	0 0.0	51 2.6	3
Ventricular septal defect	1,333 49.2	403 48.8	211 56.5	41 41.3	4 72.3	2,006 49.5	
<b>Total live births</b>	<b>270,907</b>	<b>82,602</b>	<b>37,328</b>	<b>9,934</b>	<b>553</b>	<b>405,499</b>	<b>4</b>
<b>Male live births</b>	<b>139,137</b>	<b>41,579</b>	<b>19,067</b>	<b>5,134</b>	<b>279</b>	<b>207,343</b>	
<b>Female live births</b>	<b>131,768</b>	<b>41,022</b>	<b>18,260</b>	<b>4,800</b>	<b>274</b>	<b>198,152</b>	

**Tennessee**  
**Birth Defects Counts and Prevalence 2014 - 2018 (Prevalence per 10,000 Live Births)**

Defect	Maternal Age (Years)		Total*	Notes
	Less than 35	35+		
Gastroschisis	189	10	202	
	<i>5.3</i>	<i>2.0</i>	<i>5.0</i>	
Trisomy 13	38	11	49	
	<i>1.1</i>	<i>2.2</i>	<i>1.2</i>	
Trisomy 18	50	29	79	
	<i>1.4</i>	<i>5.8</i>	<i>1.9</i>	
Trisomy 21 (Down syndrome)	320	246	572	
	<i>9.0</i>	<i>49.0</i>	<i>14.1</i>	
<b>Total live births</b>	<b>355,207</b>	<b>50,223</b>	<b>405,499</b>	<b>4</b>

**Notes**

1. Data for this condition include male and unknown gender cases only. Prevalence is calculated per 10,000 male live births.
2. Data for this condition begin in late 2015.
3. Data for this condition include female and unknown gender cases only. Prevalence is calculated per 10,000 female live births.
4. Data for total live births include unknown gender.

**General comments**

\*Data for totals include unknown and/or other.