

Texas Birth Defects Registry (TBDR) Annual Report

Table 2A. Prevalence of Selected Birth Defects by Delivery Year, Texas, 1999–2023

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
<i>Central Nervous System</i>				
Anencephaly	1999	123	3.52	2.90 – 4.15
	2000	100	2.75	2.24 – 3.35
	2001	94	2.57	2.08 – 3.15
	2002	98	2.63	2.14 – 3.21
	2003	98	2.60	2.11 – 3.16
	2004	87	2.28	1.83 – 2.81
	2005	85	2.20	1.76 – 2.73
	2006	90	2.25	1.81 – 2.77
	2007	93	2.28	1.84 – 2.80
	2008	106	2.62	2.12 – 3.11
	2009	122	3.04	2.50 – 3.58
	2010	108	2.80	2.27 – 3.33
	2011	98	2.60	2.11 – 3.17
	2012	109	2.85	2.32 – 3.39
	2013	89	2.30	1.85 – 2.83
	2014	84	2.10	1.68 – 2.60
	2015	81	2.01	1.59 – 2.50
	2016	103	2.59	2.09 – 3.10
	2017	90	2.36	1.90 – 2.90
	2018	93	2.47	1.99 – 3.03
	2019	86	2.28	1.82 – 2.81
	2020	73	1.98	1.55 – 2.49
	2021	65	1.74	1.34 – 2.22
	2022	93	2.39	1.93 – 2.92
	2023	72	1.86	1.45 – 2.34
Spina bifida (without anencephaly)	1999	148	4.24	3.56 – 4.92
	2000	138	3.80	3.16 – 4.43
	2001	123	3.37	2.77 – 3.96
	2002	112	3.01	2.45 – 3.56
	2003	124	3.29	2.71 – 3.86
	2004	175	4.59	3.91 – 5.27
	2005	141	3.66	3.05 – 4.26
	2006	137	3.43	2.86 – 4.01
	2007	154	3.78	3.18 – 4.38
	2008	143	3.53	2.95 – 4.11
	2009	153	3.81	3.21 – 4.41
	2010	161	4.17	3.53 – 4.82
	2011	161	4.27	3.61 – 4.93
	2012	159	4.16	3.51 – 4.80
	2013	148	3.82	3.21 – 4.44
	2014	149	3.73	3.13 – 4.33
	2015	136	3.37	2.80 – 3.94
	2016	161	4.06	3.43 – 4.68
	2017	132	3.46	2.87 – 4.05
	2018	135	3.59	2.98 – 4.19
	2019	127	3.36	2.78 – 3.95

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Spina bifida (without anencephaly)	2020	131	3.56	2.95 – 4.17
	2021	140	3.75	3.13 – 4.37
	2022	150	3.85	3.23 – 4.46
	2023	149	3.84	3.22 – 4.46
Encephalocele	1999	33	0.95	0.65 – 1.33
	2000	39	1.07	0.76 – 1.47
	2001	34	0.93	0.64 – 1.30
	2002	28	0.75	0.50 – 1.09
	2003	33	0.87	0.60 – 1.23
	2004	23	0.60	0.38 – 0.90
	2005	32	0.83	0.57 – 1.17
	2006	39	0.98	0.69 – 1.34
	2007	42	1.03	0.74 – 1.39
	2008	41	1.01	0.73 – 1.37
	2009	38	0.95	0.67 – 1.30
	2010	41	1.06	0.76 – 1.44
	2011	41	1.09	0.78 – 1.47
	2012	46	1.20	0.88 – 1.60
	2013	37	0.96	0.67 – 1.32
	2014	33	0.83	0.57 – 1.16
	2015	36	0.89	0.62 – 1.24
	2016	40	1.01	0.72 – 1.37
	2017	36	0.94	0.66 – 1.31
	2018	43	1.14	0.83 – 1.54
	2019	45	1.19	0.87 – 1.59
	2020	36	0.98	0.68 – 1.35
	2021	42	1.12	0.81 – 1.52
	2022	53	1.36	1.02 – 1.78
	2023	38	0.98	0.69 – 1.34
Microcephaly (severe, head circumference <3 rd percentile)	1999	95	2.72	2.20 – 3.33
	2000	118	3.25	2.66 – 3.83
	2001	92	2.52	2.03 – 3.09
	2002	119	3.20	2.62 – 3.77
	2003	104	2.76	2.23 – 3.29
	2004	131	3.43	2.85 – 4.02
	2005	154	3.99	3.36 – 4.63
	2006	152	3.81	3.20 – 4.41
	2007	140	3.44	2.87 – 4.01
	2008	177	4.37	3.72 – 5.01
	2009	180	4.48	3.83 – 5.14
	2010	197	5.11	4.39 – 5.82
	2011	179	4.74	4.05 – 5.44
	2012	218	5.70	4.94 – 6.46
	2013	236	6.10	5.32 – 6.87
	2014	219	5.48	4.76 – 6.21
	2015	246	6.10	5.34 – 6.86
	2016	310	7.81	6.94 – 8.68
	2017	246	6.44	5.64 – 7.25
	2018	307	8.15	7.24 – 9.07
	2019	323	8.55	7.62 – 9.48

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Microcephaly (severe, head circumference <3rd percentile)	2020	360	9.77	8.76 – 10.78
	2021	290	7.76	6.87 – 8.65
	2022	336	8.62	7.70 – 9.54
	2023	352	9.07	8.12 – 10.02
Holoprosencephaly	1999	41	1.17	0.84 – 1.59
	2000	38	1.05	0.74 – 1.44
	2001	46	1.26	0.92 – 1.68
	2002	51	1.37	1.02 – 1.80
	2003	45	1.19	0.87 – 1.60
	2004	37	0.97	0.68 – 1.34
	2005	41	1.06	0.76 – 1.44
	2006	46	1.15	0.84 – 1.54
	2007	54	1.33	1.00 – 1.73
	2008	38	0.94	0.66 – 1.29
	2009	31	0.77	0.52 – 1.10
	2010	36	0.93	0.65 – 1.29
	2011	35	0.93	0.65 – 1.29
	2012	43	1.12	0.81 – 1.51
	2013	37	0.96	0.67 – 1.32
	2014	41	1.03	0.74 – 1.39
	2015	37	0.92	0.65 – 1.26
	2016	38	0.96	0.68 – 1.31
	2017	32	0.84	0.57 – 1.18
	2018	44	1.17	0.85 – 1.57
	2019	36	0.95	0.67 – 1.32
	2020	40	1.09	0.78 – 1.48
	2021	34	0.91	0.63 – 1.27
	2022	30	0.77	0.52 – 1.10
	2023	33	0.85	0.59 – 1.19
Hydrocephaly (without spina bifida)	1999	295	8.45	7.48 – 9.41
	2000	264	7.27	6.39 – 8.14
	2001	234	6.41	5.59 – 7.23
	2002	251	6.74	5.91 – 7.57
	2003	249	6.60	5.78 – 7.42
	2004	265	6.95	6.11 – 7.78
	2005	234	6.07	5.29 – 6.85
	2006	269	6.74	5.93 – 7.54
	2007	309	7.58	6.74 – 8.43
	2008	296	7.30	6.47 – 8.14
	2009	302	7.52	6.67 – 8.37
	2010	298	7.73	6.85 – 8.60
	2011	311	8.24	7.33 – 9.16
	2012	342	8.94	7.99 – 9.89
	2013	332	8.58	7.65 – 9.50
	2014	364	9.11	8.18 – 10.05
	2015	338	8.38	7.48 – 9.27
	2016	376	9.47	8.51 – 10.43
	2017	388	10.16	9.15 – 11.17
	2018	369	9.80	8.80 – 10.80
	2019	357	9.45	8.47 – 10.43

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Hydrocephaly (without spina bifida)	2020	373	10.13	9.10 – 11.15
	2021	377	10.09	9.07 – 11.11
	2022	431	11.06	10.01 – 12.10
	2023	400	10.31	9.30 – 11.32
<i>Eye & Ear</i>				
Anophthalmia or Microphthalmia	1999	97	2.78	2.25 – 3.39
	2000	103	2.83	2.29 – 3.38
	2001	100	2.74	2.23 – 3.33
	2002	117	3.14	2.57 – 3.71
	2003	113	2.99	2.44 – 3.55
	2004	109	2.86	2.32 – 3.39
	2005	116	3.01	2.46 – 3.56
	2006	136	3.41	2.83 – 3.98
	2007	143	3.51	2.93 – 4.08
	2008	127	3.13	2.59 – 3.68
	2009	117	2.91	2.39 – 3.44
	2010	126	3.27	2.70 – 3.84
	2011	132	3.50	2.90 – 4.10
	2012	105	2.75	2.22 – 3.27
	2013	109	2.82	2.29 – 3.34
	2014	108	2.70	2.19 – 3.21
	2015	102	2.53	2.04 – 3.02
	2016	121	3.05	2.50 – 3.59
	2017	109	2.85	2.32 – 3.39
	2018	114	3.03	2.47 – 3.58
	2019	119	3.15	2.58 – 3.72
	2020	107	2.91	2.35 – 3.46
	2021	93	2.49	2.01 – 3.05
	2022	124	3.18	2.62 – 3.74
	2023	97	2.50	2.03 – 3.05
Cataract	1999	42	1.20	0.87 – 1.63
	2000	63	1.73	1.33 – 2.22
	2001	54	1.48	1.11 – 1.93
	2002	75	2.01	1.58 – 2.52
	2003	65	1.72	1.33 – 2.20
	2004	72	1.89	1.48 – 2.38
	2005	78	2.02	1.60 – 2.52
	2006	81	2.03	1.61 – 2.52
	2007	94	2.31	1.86 – 2.82
	2008	73	1.80	1.41 – 2.26
	2009	76	1.89	1.49 – 2.37
	2010	80	2.07	1.64 – 2.58
	2011	85	2.25	1.80 – 2.79
	2012	63	1.65	1.27 – 2.11
	2013	64	1.65	1.27 – 2.11
	2014	76	1.90	1.50 – 2.38
	2015	78	1.93	1.53 – 2.41
	2016	99	2.49	2.03 – 3.04
	2017	80	2.09	1.66 – 2.61
	2018	83	2.20	1.76 – 2.73

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Cataract	2019	80	2.12	1.68 – 2.64
	2020	71	1.93	1.51 – 2.43
	2021	92	2.46	1.98 – 3.02
	2022	96	2.46	1.99 – 3.01
	2023	97	2.50	2.03 – 3.05
Anotia or Microtia	1999	100	2.86	2.33 – 3.48
	2000	102	2.81	2.26 – 3.35
	2001	106	2.90	2.35 – 3.46
	2002	107	2.87	2.33 – 3.42
	2003	102	2.70	2.18 – 3.23
	2004	130	3.41	2.82 – 3.99
	2005	116	3.01	2.46 – 3.56
	2006	134	3.36	2.79 – 3.92
	2007	126	3.09	2.55 – 3.63
	2008	164	4.05	3.43 – 4.67
	2009	138	3.44	2.86 – 4.01
	2010	143	3.71	3.10 – 4.31
	2011	136	3.60	3.00 – 4.21
	2012	129	3.37	2.79 – 3.96
	2013	139	3.59	2.99 – 4.19
	2014	148	3.70	3.11 – 4.30
	2015	161	3.99	3.37 – 4.61
	2016	172	4.33	3.69 – 4.98
	2017	155	4.06	3.42 – 4.70
	2018	162	4.30	3.64 – 4.97
	2019	167	4.42	3.75 – 5.09
	2020	177	4.81	4.10 – 5.51
	2021	179	4.79	4.09 – 5.49
	2022	203	5.21	4.49 – 5.92
	2023	213	5.49	4.75 – 6.23
<i>Cardiovascular</i>				
Common truncus	1999	17	0.49	0.28 – 0.78
	2000	27	0.74	0.49 – 1.08
	2001	27	0.74	0.49 – 1.08
	2002	29	0.78	0.52 – 1.12
	2003	28	0.74	0.49 – 1.07
	2004	32	0.84	0.57 – 1.18
	2005	24	0.62	0.40 – 0.93
	2006	28	0.70	0.47 – 1.01
	2007	29	0.71	0.48 – 1.02
	2008	44	1.09	0.79 – 1.46
	2009	24	0.60	0.38 – 0.89
	2010	31	0.80	0.55 – 1.14
	2011	30	0.80	0.54 – 1.14
	2012	39	1.02	0.73 – 1.39
	2013	34	0.88	0.61 – 1.23
	2014	32	0.80	0.55 – 1.13
	2015	30	0.74	0.50 – 1.06
	2016	30	0.76	0.51 – 1.08
	2017	24	0.63	0.40 – 0.94

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Common truncus	2018	34	0.90	0.63 – 1.26
	2019	28	0.74	0.49 – 1.07
	2020	28	0.76	0.51 – 1.10
	2021	28	0.75	0.50 – 1.08
	2022	36	0.92	0.65 – 1.28
	2023	38	0.98	0.69 – 1.34
Transposition of the great vessels	1999	132	3.78	3.14 – 4.43
	2000	119	3.28	2.69 – 3.86
	2001	138	3.78	3.15 – 4.41
	2002	103	2.77	2.23 – 3.30
	2003	133	3.52	2.93 – 4.12
	2004	128	3.36	2.77 – 3.94
	2005	123	3.19	2.63 – 3.75
	2006	150	3.76	3.16 – 4.36
	2007	147	3.61	3.02 – 4.19
	2008	152	3.75	3.15 – 4.35
	2009	148	3.69	3.09 – 4.28
	2010	150	3.89	3.27 – 4.51
	2011	125	3.31	2.73 – 3.89
	2012	126	3.29	2.72 – 3.87
	2013	150	3.87	3.25 – 4.49
	2014	142	3.55	2.97 – 4.14
	2015	129	3.20	2.65 – 3.75
	2016	118	2.97	2.44 – 3.51
	2017	103	2.70	2.18 – 3.22
	2018	119	3.16	2.59 – 3.73
	2019	105	2.78	2.25 – 3.31
	2020	113	3.07	2.50 – 3.63
	2021	97	2.60	2.10 – 3.17
	2022	136	3.49	2.90 – 4.08
	2023	98	2.53	2.05 – 3.08
Double outlet right ventricle	1999	65	1.86	1.44 – 2.37
	2000	58	1.60	1.21 – 2.06
	2001	83	2.27	1.81 – 2.82
	2002	74	1.99	1.56 – 2.49
	2003	78	2.07	1.63 – 2.58
	2004	76	1.99	1.57 – 2.49
	2005	76	1.97	1.55 – 2.47
	2006	74	1.85	1.46 – 2.33
	2007	87	2.14	1.71 – 2.63
	2008	102	2.52	2.03 – 3.01
	2009	107	2.66	2.16 – 3.17
	2010	83	2.15	1.71 – 2.67
	2011	91	2.41	1.94 – 2.96
	2012	86	2.25	1.80 – 2.78
	2013	120	3.10	2.55 – 3.65
	2014	99	2.48	2.01 – 3.02
	2015	90	2.23	1.79 – 2.74
	2016	104	2.62	2.12 – 3.12
	2017	85	2.23	1.78 – 2.75

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Double outlet right ventricle	2018	97	2.58	2.09 – 3.14
	2019	113	2.99	2.44 – 3.54
	2020	111	3.01	2.45 – 3.57
	2021	101	2.70	2.18 – 3.23
	2022	135	3.46	2.88 – 4.05
	2023	120	3.09	2.54 – 3.65
Tetralogy of Fallot	1999	112	3.21	2.61 – 3.80
	2000	104	2.86	2.31 – 3.41
	2001	126	3.45	2.85 – 4.05
	2002	134	3.60	2.99 – 4.21
	2003	144	3.82	3.19 – 4.44
	2004	110	2.88	2.34 – 3.42
	2005	152	3.94	3.32 – 4.57
	2006	152	3.81	3.20 – 4.41
	2007	137	3.36	2.80 – 3.93
	2008	180	4.44	3.79 – 5.09
	2009	151	3.76	3.16 – 4.36
	2010	141	3.66	3.05 – 4.26
	2011	166	4.40	3.73 – 5.07
	2012	179	4.68	3.99 – 5.37
	2013	158	4.08	3.45 – 4.72
	2014	184	4.61	3.94 – 5.27
	2015	174	4.31	3.67 – 4.95
	2016	198	4.99	4.29 – 5.68
	2017	162	4.24	3.59 – 4.90
	2018	173	4.59	3.91 – 5.28
	2019	172	4.55	3.87 – 5.23
	2020	145	3.94	3.30 – 4.58
	2021	150	4.01	3.37 – 4.66
	2022	193	4.95	4.25 – 5.65
	2023	193	4.97	4.27 – 5.67
Ventricular septal defect	1999	1,426	40.84	38.72 – 42.96
	2000	1,561	42.96	40.83 – 45.10
	2001	1,679	45.99	43.79 – 48.19
	2002	1,827	49.06	46.81 – 51.31
	2003	1,851	49.05	46.81 – 51.28
	2004	1,973	51.72	49.44 – 54.01
	2005	2,205	57.19	54.81 – 59.58
	2006	2,279	57.07	54.73 – 59.42
	2007	2,488	61.06	58.66 – 63.46
	2008	2,627	64.83	62.35 – 67.30
	2009	2,713	67.55	65.01 – 70.10
	2010	2,613	67.74	65.14 – 70.34
	2011	2,554	67.70	65.07 – 70.32
	2012	2,527	66.08	63.50 – 68.65
	2013	2,522	65.15	62.61 – 67.69
	2014	2,636	65.99	63.47 – 68.50
	2015	2,791	69.18	66.61 – 71.75
	2016	2,723	68.59	66.01 – 71.17
	2017	2,677	70.10	67.45 – 72.76

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Ventricular septal defect	2018	2,686	71.34	68.64 – 74.04
	2019	2,650	70.16	67.49 – 72.83
	2020	2,673	72.57	69.82 – 75.32
	2021	2,885	77.20	74.38 – 80.02
	2022	3,170	81.32	78.49 – 84.15
	2023	3,140	80.90	78.07 – 83.73
Atrial septal defect	1999	1,379	39.50	37.41 – 41.58
	2000	1,430	39.36	37.32 – 41.40
	2001	1,523	41.72	39.62 – 43.81
	2002	1,626	43.67	41.54 – 45.79
	2003	1,811	47.99	45.78 – 50.20
	2004	2,139	56.08	53.70 – 58.45
	2005	2,507	65.03	62.48 – 67.57
	2006	2,471	61.88	59.44 – 64.32
	2007	2,469	60.60	58.21 – 62.99
	2008	2,815	69.46	66.90 – 72.03
	2009	2,713	67.55	65.01 – 70.10
	2010	2,971	77.02	74.25 – 79.79
	2011	3,269	86.65	83.68 – 89.62
	2012	3,234	84.56	81.65 – 87.48
	2013	3,267	84.39	81.50 – 87.29
	2014	3,448	86.31	83.43 – 89.19
	2015	3,665	90.84	87.90 – 93.79
	2016	3,731	93.98	90.96 – 97.00
	2017	3,354	87.83	84.86 – 90.80
	2018	3,338	88.66	85.65 – 91.66
	2019	3,419	90.52	87.48 – 93.55
	2020	3,617	98.20	95.00 – 101.40
	2021	3,785	101.28	98.06 – 104.51
	2022	4,199	107.72	104.46 – 110.98
	2023	4,133	106.49	103.24 – 109.74
Atrioventricular septal defect	1999	138	3.95	3.29 – 4.61
	2000	152	4.18	3.52 – 4.85
	2001	159	4.36	3.68 – 5.03
	2002	151	4.06	3.41 – 4.70
	2003	146	3.87	3.24 – 4.50
	2004	153	4.01	3.38 – 4.65
	2005	155	4.02	3.39 – 4.65
	2006	182	4.56	3.90 – 5.22
	2007	158	3.88	3.27 – 4.48
	2008	199	4.91	4.23 – 5.59
	2009	185	4.61	3.94 – 5.27
	2010	169	4.38	3.72 – 5.04
	2011	163	4.32	3.66 – 4.98
	2012	166	4.34	3.68 – 5.00
	2013	193	4.99	4.28 – 5.69
	2014	188	4.71	4.03 – 5.38
	2015	186	4.61	3.95 – 5.27
	2016	182	4.58	3.92 – 5.25
	2017	186	4.87	4.17 – 5.57

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Atrioventricular septal defect	2018	168	4.46	3.79 – 5.14
	2019	155	4.10	3.46 – 4.75
	2020	164	4.45	3.77 – 5.13
	2021	172	4.60	3.91 – 5.29
	2022	214	5.49	4.75 – 6.23
	2023	202	5.20	4.49 – 5.92
Pulmonary valve atresia or stenosis	1999	219	6.27	5.44 – 7.10
	2000	232	6.39	5.56 – 7.21
	2001	271	7.42	6.54 – 8.31
	2002	249	6.69	5.86 – 7.52
	2003	319	8.45	7.53 – 9.38
	2004	346	9.07	8.12 – 10.03
	2005	345	8.95	8.00 – 9.89
	2006	345	8.64	7.73 – 9.55
	2007	402	9.87	8.90 – 10.83
	2008	468	11.55	10.50 – 12.59
	2009	419	10.43	9.43 – 11.43
	2010	430	11.15	10.09 – 12.20
	2011	463	12.27	11.15 – 13.39
	2012	436	11.40	10.33 – 12.47
	2013	409	10.57	9.54 – 11.59
	2014	430	10.76	9.75 – 11.78
	2015	400	9.91	8.94 – 10.89
	2016	425	10.71	9.69 – 11.72
	2017	445	11.65	10.57 – 12.74
	2018	452	12.01	10.90 – 13.11
	2019	413	10.93	9.88 – 11.99
	2020	457	12.41	11.27 – 13.55
	2021	464	12.42	11.29 – 13.55
	2022	524	13.44	12.29 – 14.59
	2023	515	13.27	12.12 – 14.42
Tricuspid valve atresia or stenosis	1999	58	1.66	1.26 – 2.15
	2000	41	1.13	0.81 – 1.53
	2001	57	1.56	1.18 – 2.02
	2002	55	1.48	1.11 – 1.92
	2003	66	1.75	1.35 – 2.23
	2004	68	1.78	1.38 – 2.26
	2005	60	1.56	1.19 – 2.00
	2006	73	1.83	1.43 – 2.30
	2007	73	1.79	1.40 – 2.25
	2008	70	1.73	1.35 – 2.18
	2009	64	1.59	1.23 – 2.04
	2010	79	2.05	1.62 – 2.55
	2011	75	1.99	1.56 – 2.49
	2012	64	1.67	1.29 – 2.14
	2013	78	2.01	1.59 – 2.51
	2014	88	2.20	1.77 – 2.71
	2015	84	2.08	1.66 – 2.58
	2016	72	1.81	1.42 – 2.28
	2017	106	2.78	2.25 – 3.30

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Tricuspid valve atresia or stenosis	2018	96	2.55	2.07 – 3.11
	2019	74	1.96	1.54 – 2.46
	2020	97	2.63	2.14 – 3.21
	2021	96	2.57	2.08 – 3.14
	2022	100	2.57	2.09 – 3.12
	2023	100	2.58	2.10 – 3.13
Ebstein anomaly	1999	24	0.69	0.44 – 1.02
	2000	27	0.74	0.49 – 1.08
	2001	19	0.52	0.31 – 0.81
	2002	23	0.62	0.39 – 0.93
	2003	31	0.82	0.56 – 1.17
	2004	41	1.07	0.77 – 1.46
	2005	23	0.60	0.38 – 0.90
	2006	25	0.63	0.41 – 0.92
	2007	24	0.59	0.38 – 0.88
	2008	29	0.72	0.48 – 1.03
	2009	23	0.57	0.36 – 0.86
	2010	30	0.78	0.52 – 1.11
	2011	31	0.82	0.56 – 1.17
	2012	29	0.76	0.51 – 1.09
	2013	33	0.85	0.59 – 1.20
	2014	34	0.85	0.59 – 1.19
	2015	28	0.69	0.46 – 1.00
	2016	22	0.55	0.35 – 0.84
	2017	39	1.02	0.73 – 1.40
	2018	40	1.06	0.76 – 1.45
	2019	39	1.03	0.73 – 1.41
	2020	26	0.71	0.46 – 1.03
	2021	37	0.99	0.70 – 1.36
	2022	32	0.82	0.56 – 1.16
	2023	25	0.64	0.42 – 0.95
Aortic valve stenosis	1999	85	2.43	1.94 – 3.01
	2000	77	2.12	1.67 – 2.65
	2001	84	2.30	1.84 – 2.85
	2002	90	2.42	1.94 – 2.97
	2003	95	2.52	2.04 – 3.08
	2004	99	2.60	2.11 – 3.16
	2005	76	1.97	1.55 – 2.47
	2006	92	2.30	1.86 – 2.83
	2007	89	2.18	1.75 – 2.69
	2008	110	2.71	2.21 – 3.22
	2009	98	2.44	1.98 – 2.97
	2010	104	2.70	2.18 – 3.21
	2011	110	2.92	2.37 – 3.46
	2012	112	2.93	2.39 – 3.47
	2013	85	2.20	1.75 – 2.72
	2014	101	2.53	2.04 – 3.02
	2015	97	2.40	1.95 – 2.93
	2016	83	2.09	1.67 – 2.59
	2017	71	1.86	1.45 – 2.35

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Aortic valve stenosis	2018	103	2.74	2.21 – 3.26
	2019	92	2.44	1.96 – 2.99
	2020	81	2.20	1.75 – 2.73
	2021	100	2.68	2.18 – 3.25
	2022	111	2.85	2.32 – 3.38
	2023	100	2.58	2.10 – 3.13
Hypoplastic left heart syndrome	1999	66	1.89	1.46 – 2.40
	2000	81	2.23	1.77 – 2.77
	2001	67	1.84	1.42 – 2.33
	2002	90	2.42	1.94 – 2.97
	2003	74	1.96	1.54 – 2.46
	2004	83	2.18	1.73 – 2.70
	2005	77	2.00	1.58 – 2.50
	2006	87	2.18	1.75 – 2.69
	2007	80	1.96	1.56 – 2.44
	2008	89	2.20	1.76 – 2.70
	2009	86	2.14	1.71 – 2.64
	2010	93	2.41	1.95 – 2.95
	2011	86	2.28	1.82 – 2.82
	2012	104	2.72	2.20 – 3.24
	2013	99	2.56	2.08 – 3.11
	2014	89	2.23	1.79 – 2.74
	2015	108	2.68	2.17 – 3.18
	2016	94	2.37	1.91 – 2.90
	2017	84	2.20	1.75 – 2.72
	2018	91	2.42	1.95 – 2.97
	2019	97	2.57	2.08 – 3.13
	2020	76	2.06	1.63 – 2.58
	2021	66	1.77	1.37 – 2.25
	2022	99	2.54	2.06 – 3.09
	2023	65	1.67	1.29 – 2.13
Patent ductus arteriosus	1999	1,510	43.25	41.07 – 45.43
	2000	1,504	41.40	39.30 – 43.49
	2001	1,604	43.93	41.78 – 46.08
	2002	1,646	44.20	42.07 – 46.34
	2003	1,800	47.70	45.49 – 49.90
	2004	2,053	53.82	51.49 – 56.15
	2005	2,013	52.21	49.93 – 54.49
	2006	2,186	54.74	52.45 – 57.04
	2007	2,148	52.72	50.49 – 54.95
	2008	2,518	62.14	59.71 – 64.56
	2009	2,668	66.43	63.91 – 68.96
	2010	2,698	69.94	67.30 – 72.58
	2011	2,690	71.30	68.61 – 74.00
	2012	2,720	71.12	68.45 – 73.80
	2013	2,878	74.35	71.63 – 77.06
	2014	2,898	72.54	69.90 – 75.19
	2015	2,964	73.47	70.82 – 76.11
	2016	2,867	72.22	69.57 – 74.86
	2017	2,524	66.09	63.52 – 68.67

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Patent ductus arteriosus	2018	2,386	63.37	60.83 – 65.92
	2019	2,033	53.82	51.48 – 56.16
	2020	1,127	30.60	28.81 – 32.39
	2021	1,055	28.23	26.53 – 29.93
	2022	1,170	30.01	28.30 – 31.73
	2023	1,133	29.19	27.49 – 30.89
Coarctation of the aorta	1999	152	4.35	3.66 – 5.05
	2000	148	4.07	3.42 – 4.73
	2001	155	4.25	3.58 – 4.91
	2002	195	5.24	4.50 – 5.97
	2003	196	5.19	4.47 – 5.92
	2004	179	4.69	4.01 – 5.38
	2005	201	5.21	4.49 – 5.93
	2006	223	5.58	4.85 – 6.32
	2007	193	4.74	4.07 – 5.41
	2008	211	5.21	4.50 – 5.91
	2009	205	5.10	4.41 – 5.80
	2010	211	5.47	4.73 – 6.21
	2011	210	5.57	4.81 – 6.32
	2012	219	5.73	4.97 – 6.48
	2013	234	6.04	5.27 – 6.82
	2014	239	5.98	5.22 – 6.74
	2015	194	4.81	4.13 – 5.49
	2016	219	5.52	4.79 – 6.25
	2017	227	5.94	5.17 – 6.72
	2018	251	6.67	5.84 – 7.49
	2019	213	5.64	4.88 – 6.40
	2020	210	5.70	4.93 – 6.47
	2021	228	6.10	5.31 – 6.89
	2022	208	5.34	4.61 – 6.06
	2023	193	4.97	4.27 – 5.67
<i>Respiratory</i>				
Choanal atresia or stenosis	1999	43	1.23	0.89 – 1.66
	2000	48	1.32	0.97 – 1.75
	2001	43	1.18	0.85 – 1.59
	2002	45	1.21	0.88 – 1.62
	2003	38	1.01	0.71 – 1.38
	2004	32	0.84	0.57 – 1.18
	2005	43	1.12	0.81 – 1.50
	2006	59	1.48	1.12 – 1.91
	2007	44	1.08	0.78 – 1.45
	2008	55	1.36	1.02 – 1.77
	2009	56	1.39	1.05 – 1.81
	2010	50	1.30	0.96 – 1.71
	2011	52	1.38	1.03 – 1.81
	2012	51	1.33	0.99 – 1.75
	2013	55	1.42	1.07 – 1.85
	2014	63	1.58	1.21 – 2.02
	2015	58	1.44	1.09 – 1.86
	2016	33	0.83	0.57 – 1.17

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Choanal atresia or stenosis	2017	60	1.57	1.20 – 2.02
	2018	43	1.14	0.83 – 1.54
	2019	58	1.54	1.17 – 1.99
	2020	49	1.33	0.98 – 1.76
	2021	65	1.74	1.34 – 2.22
	2022	51	1.31	0.97 – 1.72
	2023	54	1.39	1.05 – 1.82
Agenesis, aplasia, or hypoplasia of the lung	1999	186	5.33	4.56 – 6.09
	2000	155	4.27	3.59 – 4.94
	2001	157	4.30	3.63 – 4.97
	2002	135	3.63	3.01 – 4.24
	2003	122	3.23	2.66 – 3.81
	2004	99	2.60	2.11 – 3.16
	2005	110	2.85	2.32 – 3.39
	2006	110	2.75	2.24 – 3.27
	2007	104	2.55	2.06 – 3.04
	2008	94	2.32	1.87 – 2.84
	2009	116	2.89	2.36 – 3.41
	2010	114	2.96	2.41 – 3.50
	2011	106	2.81	2.27 – 3.34
	2012	90	2.35	1.89 – 2.89
	2013	117	3.02	2.47 – 3.57
	2014	103	2.58	2.08 – 3.08
	2015	116	2.88	2.35 – 3.40
	2016	113	2.85	2.32 – 3.37
	2017	112	2.93	2.39 – 3.48
	2018	103	2.74	2.21 – 3.26
	2019	76	2.01	1.59 – 2.52
	2020	80	2.17	1.72 – 2.70
	2021	74	1.98	1.55 – 2.49
	2022	76	1.95	1.54 – 2.44
	2023	98	2.53	2.05 – 3.08
<i>Orofacial</i>				
Cleft palate alone (without cleft lip)	1999	213	6.10	5.28 – 6.92
	2000	228	6.28	5.46 – 7.09
	2001	216	5.92	5.13 – 6.71
	2002	197	5.29	4.55 – 6.03
	2003	202	5.35	4.61 – 6.09
	2004	211	5.53	4.79 – 6.28
	2005	254	6.59	5.78 – 7.40
	2006	221	5.53	4.80 – 6.26
	2007	238	5.84	5.10 – 6.58
	2008	263	6.49	5.71 – 7.27
	2009	256	6.37	5.59 – 7.16
	2010	271	7.03	6.19 – 7.86
	2011	210	5.57	4.81 – 6.32
	2012	199	5.20	4.48 – 5.93
	2013	238	6.15	5.37 – 6.93
	2014	223	5.58	4.85 – 6.31
	2015	243	6.02	5.27 – 6.78

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Cleft palate alone (without cleft lip)	2016	228	5.74	5.00 – 6.49
	2017	228	5.97	5.20 – 6.75
	2018	252	6.69	5.87 – 7.52
	2019	215	5.69	4.93 – 6.45
	2020	220	5.97	5.18 – 6.76
	2021	237	6.34	5.53 – 7.15
	2022	223	5.72	4.97 – 6.47
	2023	221	5.69	4.94 – 6.44
Cleft lip alone (without cleft palate)	1999	115	3.29	2.69 – 3.90
	2000	136	3.74	3.11 – 4.37
	2001	129	3.53	2.92 – 4.14
	2002	110	2.95	2.40 – 3.51
	2003	117	3.10	2.54 – 3.66
	2004	162	4.25	3.59 – 4.90
	2005	133	3.45	2.86 – 4.04
	2006	133	3.33	2.76 – 3.90
	2007	115	2.82	2.31 – 3.34
	2008	139	3.43	2.86 – 4.00
	2009	114	2.84	2.32 – 3.36
	2010	130	3.37	2.79 – 3.95
	2011	135	3.58	2.97 – 4.18
	2012	108	2.82	2.29 – 3.36
	2013	120	3.10	2.55 – 3.65
	2014	142	3.55	2.97 – 4.14
	2015	148	3.67	3.08 – 4.26
	2016	139	3.50	2.92 – 4.08
	2017	119	3.12	2.56 – 3.68
	2018	138	3.67	3.05 – 4.28
	2019	132	3.49	2.90 – 4.09
	2020	135	3.67	3.05 – 4.28
	2021	139	3.72	3.10 – 4.34
	2022	113	2.90	2.36 – 3.43
	2023	124	3.19	2.63 – 3.76
Cleft lip with cleft palate	1999	258	7.39	6.49 – 8.29
	2000	266	7.32	6.44 – 8.20
	2001	274	7.50	6.62 – 8.39
	2002	279	7.49	6.61 – 8.37
	2003	274	7.26	6.40 – 8.12
	2004	291	7.63	6.75 – 8.51
	2005	297	7.70	6.83 – 8.58
	2006	315	7.89	7.02 – 8.76
	2007	320	7.85	6.99 – 8.71
	2008	304	7.50	6.66 – 8.34
	2009	267	6.65	5.85 – 7.45
	2010	264	6.84	6.02 – 7.67
	2011	320	8.48	7.55 – 9.41
	2012	303	7.92	7.03 – 8.81
	2013	272	7.03	6.19 – 7.86
	2014	297	7.43	6.59 – 8.28
	2015	299	7.41	6.57 – 8.25

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Cleft lip with cleft palate	2016	275	6.93	6.11 – 7.75
	2017	259	6.78	5.96 – 7.61
	2018	317	8.42	7.49 – 9.35
	2019	258	6.83	6.00 – 7.66
	2020	248	6.73	5.90 – 7.57
	2021	259	6.93	6.09 – 7.77
	2022	296	7.59	6.73 – 8.46
	2023	282	7.27	6.42 – 8.11
<i>Gastrointestinal</i>				
Esophageal atresia/ tracheoesophageal fistula	1999	78	2.23	1.77 – 2.79
	2000	72	1.98	1.55 – 2.50
	2001	72	1.97	1.54 – 2.48
	2002	86	2.31	1.85 – 2.85
	2003	78	2.07	1.63 – 2.58
	2004	66	1.73	1.34 – 2.20
	2005	79	2.05	1.62 – 2.55
	2006	82	2.05	1.63 – 2.55
	2007	88	2.16	1.73 – 2.66
	2008	78	1.92	1.52 – 2.40
	2009	89	2.22	1.78 – 2.73
	2010	76	1.97	1.55 – 2.47
	2011	89	2.36	1.89 – 2.90
	2012	93	2.43	1.96 – 2.98
	2013	100	2.58	2.10 – 3.14
	2014	90	2.25	1.81 – 2.77
	2015	89	2.21	1.77 – 2.71
	2016	98	2.47	2.00 – 3.01
	2017	90	2.36	1.90 – 2.90
	2018	79	2.10	1.66 – 2.62
	2019	86	2.28	1.82 – 2.81
	2020	95	2.58	2.09 – 3.15
	2021	99	2.65	2.15 – 3.23
	2022	75	1.92	1.51 – 2.41
	2023	102	2.63	2.12 – 3.14
Pyloric stenosis	1999	645	18.47	17.05 – 19.90
	2000	752	20.70	19.22 – 22.18
	2001	720	19.72	18.28 – 21.16
	2002	645	17.32	15.98 – 18.66
	2003	587	15.55	14.30 – 16.81
	2004	778	20.40	18.96 – 21.83
	2005	693	17.97	16.64 – 19.31
	2006	981	24.57	23.03 – 26.10
	2007	919	22.55	21.10 – 24.01
	2008	715	17.64	16.35 – 18.94
	2009	631	15.71	14.49 – 16.94
	2010	576	14.93	13.71 – 16.15
	2011	543	14.39	13.18 – 15.60
	2012	449	11.74	10.65 – 12.83
	2013	461	11.91	10.82 – 13.00
	2014	541	13.54	12.40 – 14.68

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2015	499	12.37	11.28 – 13.45
	2016	545	13.73	12.58 – 14.88
	2017	423	11.08	10.02 – 12.13
	2018	553	14.69	13.46 – 15.91
	2019	502	13.29	12.13 – 14.45
	2020	450	12.22	11.09 – 13.35
	2021	417	11.16	10.09 – 12.23
	2022	514	13.19	12.05 – 14.33
	2023	591	15.23	14.00 – 16.46
Stenosis or atresia of the small intestine	1999	92	2.63	2.12 – 3.23
	2000	114	3.14	2.56 – 3.71
	2001	130	3.56	2.95 – 4.17
	2002	111	2.98	2.43 – 3.54
	2003	97	2.57	2.08 – 3.14
	2004	126	3.30	2.73 – 3.88
	2005	114	2.96	2.41 – 3.50
	2006	132	3.31	2.74 – 3.87
	2007	152	3.73	3.14 – 4.32
	2008	147	3.63	3.04 – 4.21
	2009	139	3.46	2.89 – 4.04
	2010	146	3.78	3.17 – 4.40
	2011	129	3.42	2.83 – 4.01
	2012	126	3.29	2.72 – 3.87
	2013	138	3.56	2.97 – 4.16
	2014	146	3.65	3.06 – 4.25
	2015	151	3.74	3.15 – 4.34
	2016	129	3.25	2.69 – 3.81
	2017	151	3.95	3.32 – 4.58
	2018	153	4.06	3.42 – 4.71
	2019	144	3.81	3.19 – 4.44
	2020	120	3.26	2.68 – 3.84
	2021	157	4.20	3.54 – 4.86
	2022	157	4.03	3.40 – 4.66
	2023	174	4.48	3.82 – 5.15
Stenosis or atresia of large intestine, rectum, or anal canal	1999	192	5.50	4.72 – 6.28
	2000	164	4.51	3.82 – 5.20
	2001	191	5.23	4.49 – 5.97
	2002	201	5.40	4.65 – 6.14
	2003	212	5.62	4.86 – 6.37
	2004	192	5.03	4.32 – 5.75
	2005	213	5.52	4.78 – 6.27
	2006	210	5.26	4.55 – 5.97
	2007	213	5.23	4.53 – 5.93
	2008	222	5.48	4.76 – 6.20
	2009	224	5.58	4.85 – 6.31
	2010	202	5.24	4.51 – 5.96
	2011	209	5.54	4.79 – 6.29
	2012	201	5.26	4.53 – 5.98
	2013	211	5.45	4.72 – 6.19
	2014	218	5.46	4.73 – 6.18

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Stenosis or atresia of large intestine, rectum, or anal canal	2015	199	4.93	4.25 – 5.62
	2016	212	5.34	4.62 – 6.06
	2017	208	5.45	4.71 – 6.19
	2018	212	5.63	4.87 – 6.39
	2019	203	5.37	4.64 – 6.11
	2020	198	5.38	4.63 – 6.12
	2021	206	5.51	4.76 – 6.27
	2022	231	5.93	5.16 – 6.69
	2023	190	4.90	4.20 – 5.59
Hirschsprung disease	1999	39	1.12	0.79 – 1.53
	2000	47	1.29	0.95 – 1.72
	2001	42	1.15	0.83 – 1.55
	2002	44	1.18	0.86 – 1.59
	2003	44	1.17	0.85 – 1.57
	2004	52	1.36	1.02 – 1.79
	2005	57	1.48	1.12 – 1.92
	2006	48	1.20	0.89 – 1.59
	2007	67	1.64	1.27 – 2.09
	2008	63	1.55	1.19 – 1.99
	2009	50	1.25	0.92 – 1.64
	2010	57	1.48	1.12 – 1.91
	2011	62	1.64	1.26 – 2.11
	2012	55	1.44	1.08 – 1.87
	2013	59	1.52	1.16 – 1.97
	2014	57	1.43	1.08 – 1.85
	2015	74	1.83	1.44 – 2.30
	2016	71	1.79	1.40 – 2.26
	2017	51	1.34	0.99 – 1.76
	2018	63	1.67	1.29 – 2.14
	2019	58	1.54	1.17 – 1.99
	2020	57	1.55	1.17 – 2.01
	2021	55	1.47	1.11 – 1.92
	2022	59	1.51	1.15 – 1.95
	2023	66	1.70	1.32 – 2.16
Biliary atresia	1999	27	0.77	0.51 – 1.13
	2000	29	0.80	0.53 – 1.15
	2001	24	0.66	0.42 – 0.98
	2002	24	0.64	0.41 – 0.96
	2003	31	0.82	0.56 – 1.17
	2004	28	0.73	0.49 – 1.06
	2005	26	0.67	0.44 – 0.99
	2006	33	0.83	0.57 – 1.16
	2007	30	0.74	0.50 – 1.05
	2008	26	0.64	0.42 – 0.94
	2009	33	0.82	0.57 – 1.15
	2010	27	0.70	0.46 – 1.02
	2011	30	0.80	0.54 – 1.14
	2012	25	0.65	0.42 – 0.96
	2013	24	0.62	0.40 – 0.92
	2014	21	0.53	0.33 – 0.80

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2015	33	0.82	0.56 – 1.15
	2016	29	0.73	0.49 – 1.05
	2017	31	0.81	0.55 – 1.15
	2018	23	0.61	0.39 – 0.92
	2019	24	0.64	0.41 – 0.95
	2020	29	0.79	0.53 – 1.13
	2021	19	0.51	0.31 – 0.79
	2022	25	0.64	0.42 – 0.95
	2023	24	0.62	0.40 – 0.92
<i>Genitourinary</i>				
Hypospadias (among males)	1999	1,025	57.44	53.92 – 60.96
	2000	1,034	55.71	52.32 – 59.11
	2001	979	52.42	49.13 – 55.70
	2002	988	51.96	48.72 – 55.20
	2003	1,011	52.50	49.26 – 55.73
	2004	1,045	53.58	50.33 – 56.83
	2005	1,132	57.32	53.98 – 60.66
	2006	1,102	54.01	50.82 – 57.20
	2007	1,152	55.33	52.13 – 58.52
	2008	1,214	58.50	55.21 – 61.79
	2009	1,275	62.23	58.82 – 65.65
	2010	1,260	63.99	60.46 – 67.52
	2011	1,230	63.81	60.24 – 67.37
	2012	1,240	63.42	59.89 – 66.95
	2013	1,363	68.80	65.15 – 72.45
	2014	1,489	72.81	69.11 – 76.51
	2015	1,409	68.41	64.84 – 71.98
	2016	1,520	74.95	71.18 – 78.71
	2017	1,425	73.12	69.33 – 76.92
	2018	1,465	76.21	72.30 – 80.11
	2019	1,270	65.79	62.17 – 69.41
	2020	1,241	65.82	62.16 – 69.48
	2021	1,330	69.61	65.87 – 73.35
	2022	1,366	68.59	64.95 – 72.22
	2023	1,329	67.12	63.51 – 70.72
Renal agenesis or dysgenesis	1999	199	5.70	4.91 – 6.49
	2000	176	4.84	4.13 – 5.56
	2001	193	5.29	4.54 – 6.03
	2002	181	4.86	4.15 – 5.57
	2003	222	5.88	5.11 – 6.66
	2004	213	5.58	4.83 – 6.33
	2005	189	4.90	4.20 – 5.60
	2006	240	6.01	5.25 – 6.77
	2007	247	6.06	5.31 – 6.82
	2008	242	5.97	5.22 – 6.72
	2009	260	6.47	5.69 – 7.26
	2010	262	6.79	5.97 – 7.61
	2011	262	6.94	6.10 – 7.79
	2012	241	6.30	5.51 – 7.10
	2013	287	7.41	6.56 – 8.27

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2014	264	6.61	5.81 – 7.41
	2015	257	6.37	5.59 – 7.15
	2016	284	7.15	6.32 – 7.99
	2017	292	7.65	6.77 – 8.52
	2018	314	8.34	7.42 – 9.26
	2019	348	9.21	8.25 – 10.18
	2020	301	8.17	7.25 – 9.10
	2021	314	8.40	7.47 – 9.33
	2022	358	9.18	8.23 – 10.14
	2023	304	7.83	6.95 – 8.71
Renal agenesis or dysgenesis				
Bladder exstrophy	1999	--	0.11	0.03 – 0.29
	2000	11	0.30	0.15 – 0.54
	2001	5	0.14	0.04 – 0.32
	2002	12	0.32	0.17 – 0.56
	2003	11	0.29	0.15 – 0.52
	2004	10	0.26	0.13 – 0.48
	2005	--	0.08	0.02 – 0.23
	2006	6	0.15	0.06 – 0.33
	2007	7	0.17	0.07 – 0.35
	2008	8	0.20	0.09 – 0.39
	2009	5	0.12	0.04 – 0.29
	2010	9	0.23	0.11 – 0.44
	2011	6	0.16	0.06 – 0.35
	2012	7	0.18	0.07 – 0.38
	2013	11	0.28	0.14 – 0.51
	2014	5	0.13	0.04 – 0.29
	2015	7	0.17	0.07 – 0.36
	2016	--	0.05	0.01 – 0.18
	2017	--	0.08	0.02 – 0.23
	2018	--	0.08	0.02 – 0.23
	2019	9	0.24	0.11 – 0.45
	2020	--	0.11	0.03 – 0.28
	2021	7	0.19	0.08 – 0.39
	2022	12	0.31	0.16 – 0.54
	2023	8	0.21	0.09 – 0.41
<i>Musculoskeletal</i>				
Congenital hip dislocation (without hip dysplasia)	1999	171	4.90	4.16 – 5.63
	2000	149	4.10	3.44 – 4.76
	2001	128	3.51	2.90 – 4.11
	2002	112	3.01	2.45 – 3.56
	2003	125	3.31	2.73 – 3.89
	2004	113	2.96	2.42 – 3.51
	2005	107	2.78	2.25 – 3.30
	2006	108	2.70	2.19 – 3.21
	2007	116	2.85	2.33 – 3.37
	2008	96	2.37	1.92 – 2.89
	2009	108	2.69	2.18 – 3.20
	2010	111	2.88	2.34 – 3.41
	2011	77	2.04	1.61 – 2.55
	2012	71	1.86	1.45 – 2.34

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Congenital hip dislocation (without hip dysplasia)	2013	89	2.30	1.85 – 2.83
	2014	75	1.88	1.48 – 2.35
	2015	80	1.98	1.57 – 2.47
	2016	75	1.89	1.49 – 2.37
	2017	76	1.99	1.57 – 2.49
	2018	54	1.43	1.08 – 1.87
	2019	47	1.24	0.91 – 1.65
	2020	45	1.22	0.89 – 1.63
	2021	52	1.39	1.04 – 1.82
	2022	63	1.62	1.24 – 2.07
Talipes equinovarus (clubfoot)	2023	48	1.24	0.91 – 1.64
	1999	499	14.29	13.04 – 15.55
	2000	519	14.28	13.06 – 15.51
	2001	537	14.71	13.46 – 15.95
	2002	572	15.36	14.10 – 16.62
	2003	574	15.21	13.97 – 16.45
	2004	583	15.28	14.04 – 16.52
	2005	554	14.37	13.17 – 15.57
	2006	583	14.60	13.42 – 15.79
	2007	627	15.39	14.18 – 16.59
	2008	621	15.32	14.12 – 16.53
	2009	648	16.14	14.89 – 17.38
	2010	644	16.69	15.41 – 17.98
	2011	644	17.07	15.75 – 18.39
	2012	654	17.10	15.79 – 18.41
	2013	647	16.71	15.43 – 18.00
	2014	738	18.47	17.14 – 19.81
	2015	702	17.40	16.11 – 18.69
	2016	769	19.37	18.00 – 20.74
	2017	754	19.74	18.34 – 21.15
	2018	747	19.84	18.42 – 21.26
	2019	733	19.41	18.00 – 20.81
	2020	699	18.98	17.57 – 20.39
	2021	777	20.79	19.33 – 22.25
	2022	850	21.81	20.34 – 23.27
	2023	826	21.28	19.83 – 22.73
Reduction defects of the upper limbs	1999	141	4.04	3.37 – 4.70
	2000	158	4.35	3.67 – 5.03
	2001	148	4.05	3.40 – 4.71
	2002	148	3.97	3.33 – 4.61
	2003	151	4.00	3.36 – 4.64
	2004	149	3.91	3.28 – 4.53
	2005	156	4.05	3.41 – 4.68
	2006	164	4.11	3.48 – 4.74
	2007	167	4.10	3.48 – 4.72
	2008	170	4.20	3.56 – 4.83
	2009	168	4.18	3.55 – 4.82
	2010	194	5.03	4.32 – 5.74
	2011	183	4.85	4.15 – 5.55
	2012	140	3.66	3.05 – 4.27

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2013	162	4.18	3.54 – 4.83
	2014	154	3.85	3.25 – 4.46
	2015	176	4.36	3.72 – 5.01
	2016	164	4.13	3.50 – 4.76
	2017	147	3.85	3.23 – 4.47
	2018	160	4.25	3.59 – 4.91
	2019	158	4.18	3.53 – 4.84
	2020	149	4.05	3.40 – 4.70
	2021	156	4.17	3.52 – 4.83
	2022	161	4.13	3.49 – 4.77
Reduction defects of the upper limbs	2023	167	4.30	3.65 – 4.96
Reduction defects of the lower limbs	1999	81	2.32	1.84 – 2.88
	2000	55	1.51	1.14 – 1.97
	2001	79	2.16	1.71 – 2.70
	2002	63	1.69	1.30 – 2.16
	2003	75	1.99	1.56 – 2.49
	2004	64	1.68	1.29 – 2.14
	2005	83	2.15	1.71 – 2.67
	2006	72	1.80	1.41 – 2.27
	2007	89	2.18	1.75 – 2.69
	2008	83	2.05	1.63 – 2.54
	2009	76	1.89	1.49 – 2.37
	2010	84	2.18	1.74 – 2.70
	2011	79	2.09	1.66 – 2.61
	2012	84	2.20	1.75 – 2.72
	2013	65	1.68	1.30 – 2.14
	2014	81	2.03	1.61 – 2.52
	2015	82	2.03	1.62 – 2.52
	2016	70	1.76	1.37 – 2.23
	2017	79	2.07	1.64 – 2.58
	2018	56	1.49	1.12 – 1.93
	2019	86	2.28	1.82 – 2.81
	2020	75	2.04	1.60 – 2.55
	2021	88	2.35	1.89 – 2.90
	2022	84	2.15	1.72 – 2.67
	2023	77	1.98	1.57 – 2.48
Craniosynostosis	1999	141	4.04	3.37 – 4.70
	2000	165	4.54	3.85 – 5.23
	2001	139	3.81	3.17 – 4.44
	2002	173	4.65	3.95 – 5.34
	2003	168	4.45	3.78 – 5.13
	2004	172	4.51	3.84 – 5.18
	2005	159	4.12	3.48 – 4.77
	2006	180	4.51	3.85 – 5.17
	2007	217	5.33	4.62 – 6.03
	2008	214	5.28	4.57 – 5.99
	2009	209	5.20	4.50 – 5.91
	2010	258	6.69	5.87 – 7.50
	2011	231	6.12	5.33 – 6.91
	2012	273	7.14	6.29 – 7.99

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Craniosynostosis	2013	227	5.86	5.10 – 6.63
	2014	248	6.21	5.44 – 6.98
	2015	255	6.32	5.54 – 7.10
	2016	237	5.97	5.21 – 6.73
	2017	250	6.55	5.74 – 7.36
	2018	284	7.54	6.67 – 8.42
	2019	271	7.17	6.32 – 8.03
	2020	251	6.81	5.97 – 7.66
	2021	275	7.36	6.49 – 8.23
	2022	291	7.47	6.61 – 8.32
Achondroplasia	2023	242	6.24	5.45 – 7.02
	1999	12	0.34	0.18 – 0.60
	2000	10	0.28	0.13 – 0.51
	2001	13	0.36	0.19 – 0.61
	2002	10	0.27	0.13 – 0.49
	2003	11	0.29	0.15 – 0.52
	2004	9	0.24	0.11 – 0.45
	2005	10	0.26	0.12 – 0.48
	2006	9	0.23	0.10 – 0.43
	2007	19	0.47	0.28 – 0.73
Diaphragmatic hernia	2008	12	0.30	0.15 – 0.52
	2009	16	0.40	0.23 – 0.65
	2010	13	0.34	0.18 – 0.58
	2011	11	0.29	0.15 – 0.52
	2012	15	0.39	0.22 – 0.65
	2013	16	0.41	0.24 – 0.67
	2014	14	0.35	0.19 – 0.59
	2015	17	0.42	0.25 – 0.67
	2016	23	0.58	0.37 – 0.87
	2017	14	0.37	0.20 – 0.62
Diaphragmatic hernia	2018	25	0.66	0.43 – 0.98
	2019	13	0.34	0.18 – 0.59
	2020	17	0.46	0.27 – 0.74
	2021	15	0.40	0.22 – 0.66
	2022	15	0.38	0.22 – 0.63
	2023	19	0.49	0.29 – 0.76
	1999	112	3.21	2.61 – 3.80
	2000	99	2.72	2.21 – 3.32
	2001	83	2.27	1.81 – 2.82
	2002	95	2.55	2.06 – 3.12
Diaphragmatic hernia	2003	108	2.86	2.32 – 3.40
	2004	100	2.62	2.13 – 3.19
	2005	97	2.52	2.04 – 3.07
	2006	116	2.91	2.38 – 3.43
	2007	129	3.17	2.62 – 3.71
	2008	115	2.84	2.32 – 3.36
	2009	107	2.66	2.16 – 3.17
	2010	121	3.14	2.58 – 3.70
	2011	100	2.65	2.16 – 3.22
	2012	108	2.82	2.29 – 3.36

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2013	121	3.13	2.57 – 3.68
	2014	111	2.78	2.26 – 3.30
	2015	97	2.40	1.95 – 2.93
	2016	105	2.64	2.14 – 3.15
	2017	121	3.17	2.60 – 3.73
	2018	107	2.84	2.30 – 3.38
	2019	93	2.46	1.99 – 3.02
	2020	120	3.26	2.68 – 3.84
	2021	132	3.53	2.93 – 4.13
	2022	133	3.41	2.83 – 3.99
Diaphragmatic hernia	2023	129	3.32	2.75 – 3.90
Omphalocele	1999	78	2.23	1.77 – 2.79
	2000	83	2.28	1.82 – 2.83
	2001	85	2.33	1.86 – 2.88
	2002	77	2.07	1.63 – 2.58
	2003	73	1.93	1.52 – 2.43
	2004	83	2.18	1.73 – 2.70
	2005	73	1.89	1.48 – 2.38
	2006	86	2.15	1.72 – 2.66
	2007	80	1.96	1.56 – 2.44
	2008	79	1.95	1.54 – 2.43
	2009	90	2.24	1.80 – 2.75
	2010	79	2.05	1.62 – 2.55
	2011	69	1.83	1.42 – 2.31
	2012	87	2.27	1.82 – 2.81
	2013	85	2.20	1.75 – 2.72
	2014	86	2.15	1.72 – 2.66
	2015	96	2.38	1.93 – 2.91
	2016	86	2.17	1.73 – 2.68
	2017	94	2.46	1.99 – 3.01
	2018	85	2.26	1.80 – 2.79
	2019	82	2.17	1.73 – 2.69
	2020	89	2.42	1.94 – 2.97
	2021	91	2.44	1.96 – 2.99
	2022	94	2.41	1.95 – 2.95
	2023	76	1.96	1.54 – 2.45
Gastroschisis	1999	137	3.92	3.27 – 4.58
	2000	143	3.94	3.29 – 4.58
	2001	148	4.05	3.40 – 4.71
	2002	149	4.00	3.36 – 4.64
	2003	173	4.58	3.90 – 5.27
	2004	165	4.33	3.67 – 4.99
	2005	209	5.42	4.69 – 6.16
	2006	205	5.13	4.43 – 5.84
	2007	258	6.33	5.56 – 7.10
	2008	250	6.17	5.40 – 6.93
	2009	242	6.03	5.27 – 6.79
	2010	256	6.64	5.82 – 7.45
	2011	216	5.73	4.96 – 6.49
	2012	226	5.91	5.14 – 6.68

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2013	220	5.68	4.93 – 6.43
	2014	232	5.81	5.06 – 6.55
	2015	232	5.75	5.01 – 6.49
	2016	189	4.76	4.08 – 5.44
	2017	177	4.64	3.95 – 5.32
	2018	182	4.83	4.13 – 5.54
	2019	174	4.61	3.92 – 5.29
	2020	146	3.96	3.32 – 4.61
	2021	168	4.50	3.82 – 5.18
	2022	162	4.16	3.52 – 4.80
Gastroschisis	2023	148	3.81	3.20 – 4.43
<i>Chromosomal</i>				
Down syndrome (trisomy 21)	1999	428	12.26	11.10 – 13.42
	2000	477	13.13	11.95 – 14.31
	2001	494	13.53	12.34 – 14.72
	2002	456	12.25	11.12 – 13.37
	2003	457	12.11	11.00 – 13.22
	2004	513	13.45	12.29 – 14.61
	2005	482	12.50	11.39 – 13.62
	2006	560	14.02	12.86 – 15.19
	2007	552	13.55	12.42 – 14.68
	2008	545	13.45	12.32 – 14.58
	2009	558	13.89	12.74 – 15.05
	2010	580	15.04	13.81 – 16.26
	2011	553	14.66	13.44 – 15.88
	2012	574	15.01	13.78 – 16.24
	2013	555	14.34	13.14 – 15.53
	2014	565	14.14	12.98 – 15.31
	2015	528	13.09	11.97 – 14.20
	2016	574	14.46	13.28 – 15.64
	2017	553	14.48	13.27 – 15.69
	2018	587	15.59	14.33 – 16.85
	2019	576	15.25	14.00 – 16.50
	2020	556	15.10	13.84 – 16.35
	2021	581	15.55	14.28 – 16.81
	2022	535	13.72	12.56 – 14.89
	2023	604	15.56	14.32 – 16.80
Patau syndrome (trisomy 13)	1999	43	1.23	0.89 – 1.66
	2000	51	1.40	1.05 – 1.85
	2001	42	1.15	0.83 – 1.55
	2002	43	1.15	0.84 – 1.56
	2003	43	1.14	0.82 – 1.53
	2004	46	1.21	0.88 – 1.61
	2005	34	0.88	0.61 – 1.23
	2006	42	1.05	0.76 – 1.42
	2007	51	1.25	0.93 – 1.65
	2008	45	1.11	0.81 – 1.49
	2009	53	1.32	0.99 – 1.73
	2010	59	1.53	1.16 – 1.97
	2011	43	1.14	0.82 – 1.54

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Patau syndrome (trisomy 13)	2012	53	1.39	1.04 – 1.81
	2013	44	1.14	0.83 – 1.53
	2014	45	1.13	0.82 – 1.51
	2015	38	0.94	0.67 – 1.29
	2016	51	1.28	0.96 – 1.69
	2017	41	1.07	0.77 – 1.46
	2018	39	1.04	0.74 – 1.42
	2019	29	0.77	0.51 – 1.10
	2020	39	1.06	0.75 – 1.45
	2021	43	1.15	0.83 – 1.55
	2022	38	0.97	0.69 – 1.34
	2023	43	1.11	0.80 – 1.49
Edwards syndrome (trisomy 18)	1999	84	2.41	1.92 – 2.98
	2000	78	2.15	1.70 – 2.68
	2001	83	2.27	1.81 – 2.82
	2002	82	2.20	1.75 – 2.73
	2003	80	2.12	1.68 – 2.64
	2004	97	2.54	2.06 – 3.10
	2005	96	2.49	2.02 – 3.04
	2006	110	2.75	2.24 – 3.27
	2007	101	2.48	2.00 – 2.96
	2008	120	2.96	2.43 – 3.49
	2009	120	2.99	2.45 – 3.52
	2010	99	2.57	2.09 – 3.12
	2011	110	2.92	2.37 – 3.46
	2012	112	2.93	2.39 – 3.47
	2013	95	2.45	1.99 – 3.00
	2014	116	2.90	2.38 – 3.43
	2015	87	2.16	1.73 – 2.66
	2016	107	2.70	2.18 – 3.21
	2017	84	2.20	1.75 – 2.72
	2018	85	2.26	1.80 – 2.79
	2019	94	2.49	2.01 – 3.05
	2020	91	2.47	1.99 – 3.03
	2021	77	2.06	1.63 – 2.58
	2022	85	2.18	1.74 – 2.70
	2023	69	1.78	1.38 – 2.25
<i>Infants & fetuses with regular reportable birth defects</i>	1999	10,806	309.49	303.65 – 315.32
	2000	11,587	318.92	313.11 – 324.72
	2001	11,558	316.58	310.81 – 322.35
	2002	12,353	331.74	325.89 – 337.59
	2003	13,142	348.25	342.29 – 354.20
	2004	14,254	373.69	367.55 – 379.82
	2005	15,074	390.99	384.75 – 397.23
	2006	15,505	388.30	382.18 – 394.41
	2007	16,308	400.24	394.10 – 406.39
	2008	17,266	426.07	419.71 – 432.42
	2009	18,158	452.14	445.57 – 458.72
	2010	18,787	487.03	480.07 – 493.99
	2011	18,823	498.92	491.79 – 506.05

Birth Defect	Year	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
	2012	19,485	509.49	502.34 – 516.65
	2013	20,494	529.41	522.16 – 536.66
	2014	21,564	539.80	532.59 – 547.00
	2015	22,243	551.33	544.09 – 558.58
	2016	24,499	617.10	609.38 – 624.83
	2017	23,124	605.54	597.73 – 613.34
	2018	24,095	639.96	631.88 – 648.04
	2019	23,789	629.82	621.82 – 637.83
	2020	24,582	667.41	659.07 – 675.76
<i>Infants & fetuses with regular reportable birth defects</i>	2021	26,101	698.44	689.96 – 706.91
	2022	27,970	717.54	709.13 – 725.95
	2023	27,559	710.07	701.69 – 718.46

Prevalence (rate) is expressed as the number of cases per 10,000 live births. Counts <5 are suppressed (indicated by --).

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, August 2026.

Texas Birth Defects Registry (TBDR) Annual Report

Table 2B. Prevalence of Selected Birth Defects by 5-Year Period, Texas, 1999–2023

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
<i>Central Nervous System</i>				
Anencephaly	1999-2003	513	2.81	2.56 – 3.05
	2004-2008	461	2.33	2.12 – 2.54
	2009-2013	526	2.72	2.49 – 2.95
	2014-2018	451	2.30	2.09 – 2.52
	2019-2023	389	2.05	1.85 – 2.25
Spina bifida (without anencephaly)	1999-2003	645	3.53	3.26 – 3.80
	2004-2008	750	3.79	3.52 – 4.06
	2009-2013	782	4.04	3.76 – 4.33
	2014-2018	713	3.64	3.37 – 3.91
	2019-2023	697	3.67	3.40 – 3.95
Encephalocele	1999-2003	167	0.91	0.78 – 1.05
	2004-2008	177	0.89	0.76 – 1.03
	2009-2013	203	1.05	0.91 – 1.19
	2014-2018	188	0.96	0.82 – 1.10
	2019-2023	214	1.13	0.98 – 1.28
Microcephaly (severe, head circumference <3 rd percentile)	1999-2003	528	2.89	2.64 – 3.14
	2004-2008	754	3.81	3.54 – 4.08
	2009-2013	1,010	5.22	4.90 – 5.54
	2014-2018	1,328	6.78	6.42 – 7.15
	2019-2023	1,661	8.75	8.33 – 9.17
Holoprosencephaly	1999-2003	221	1.21	1.05 – 1.37
	2004-2008	216	1.09	0.95 – 1.24
	2009-2013	182	0.94	0.80 – 1.08
	2014-2018	192	0.98	0.84 – 1.12
	2019-2023	173	0.91	0.78 – 1.05
Hydrocephaly (without spina bifida)	1999-2003	1,293	7.08	6.69 – 7.46
	2004-2008	1,373	6.94	6.57 – 7.30
	2009-2013	1,585	8.19	7.79 – 8.60
	2014-2018	1,835	9.37	8.94 – 9.80
	2019-2023	1,938	10.21	9.76 – 10.67
<i>Eye & Ear</i>				
Anophthalmia or Microphthalmia	1999-2003	530	2.90	2.65 – 3.15
	2004-2008	631	3.19	2.94 – 3.44
	2009-2013	589	3.05	2.80 – 3.29
	2014-2018	554	2.83	2.59 – 3.06
	2019-2023	540	2.85	2.61 – 3.09
Cataract	1999-2003	299	1.64	1.45 – 1.82
	2004-2008	398	2.01	1.81 – 2.21
	2009-2013	368	1.90	1.71 – 2.10
	2014-2018	416	2.12	1.92 – 2.33
	2019-2023	436	2.30	2.08 – 2.51

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Anotia or Microtia	1999-2003	517	2.83	2.59 – 3.07
	2004-2008	670	3.39	3.13 – 3.64
	2009-2013	685	3.54	3.28 – 3.81
	2014-2018	798	4.07	3.79 – 4.36
	2019-2023	939	4.95	4.63 – 5.26
<i>Cardiovascular</i>				
Common truncus	1999-2003	128	0.70	0.58 – 0.82
	2004-2008	157	0.79	0.67 – 0.92
	2009-2013	158	0.82	0.69 – 0.94
	2014-2018	150	0.77	0.64 – 0.89
	2019-2023	158	0.83	0.70 – 0.96
Transposition of the great vessels	1999-2003	625	3.42	3.15 – 3.69
	2004-2008	700	3.54	3.28 – 3.80
	2009-2013	699	3.61	3.35 – 3.88
	2014-2018	611	3.12	2.87 – 3.37
	2019-2023	549	2.89	2.65 – 3.14
Double outlet right ventricle	1999-2003	358	1.96	1.76 – 2.16
	2004-2008	415	2.10	1.90 – 2.30
	2009-2013	487	2.52	2.29 – 2.74
	2014-2018	475	2.43	2.21 – 2.64
	2019-2023	580	3.06	2.81 – 3.31
Tetralogy of Fallot	1999-2003	620	3.39	3.13 – 3.66
	2004-2008	731	3.69	3.43 – 3.96
	2009-2013	795	4.11	3.82 – 4.40
	2014-2018	891	4.55	4.25 – 4.85
	2019-2023	853	4.50	4.19 – 4.80
Ventricular septal defect	1999-2003	8,344	45.66	44.68 – 46.64
	2004-2008	11,572	58.47	57.41 – 59.54
	2009-2013	12,929	66.85	65.69 – 68.00
	2014-2018	13,513	69.00	67.84 – 70.17
	2019-2023	14,518	76.51	75.26 – 77.75
Atrial septal defect	1999-2003	7,769	42.52	41.57 – 43.46
	2004-2008	12,401	62.66	61.56 – 63.77
	2009-2013	15,454	79.90	78.64 – 81.16
	2014-2018	17,536	89.55	88.22 – 90.87
	2019-2023	19,153	100.93	99.50 – 102.36
Atrioventricular septal defect	1999-2003	746	4.08	3.79 – 4.38
	2004-2008	847	4.28	3.99 – 4.57
	2009-2013	876	4.53	4.23 – 4.83
	2014-2018	910	4.65	4.34 – 4.95
	2019-2023	907	4.78	4.47 – 5.09
Pulmonary valve atresia or stenosis	1999-2003	1,290	7.06	6.67 – 7.44
	2004-2008	1,906	9.63	9.20 – 10.06
	2009-2013	2,157	11.15	10.68 – 11.62
	2014-2018	2,152	10.99	10.52 – 11.45
	2019-2023	2,373	12.50	12.00 – 13.01

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Tricuspid valve atresia or stenosis	1999-2003	277	1.52	1.34 – 1.69
	2004-2008	344	1.74	1.55 – 1.92
	2009-2013	360	1.86	1.67 – 2.05
	2014-2018	446	2.28	2.07 – 2.49
	2019-2023	467	2.46	2.24 – 2.68
Ebstein anomaly	1999-2003	124	0.68	0.56 – 0.80
	2004-2008	142	0.72	0.60 – 0.84
	2009-2013	146	0.75	0.63 – 0.88
	2014-2018	163	0.83	0.70 – 0.96
	2019-2023	159	0.84	0.71 – 0.97
Aortic valve stenosis	1999-2003	431	2.36	2.14 – 2.58
	2004-2008	466	2.35	2.14 – 2.57
	2009-2013	509	2.63	2.40 – 2.86
	2014-2018	455	2.32	2.11 – 2.54
	2019-2023	484	2.55	2.32 – 2.78
Hypoplastic left heart syndrome	1999-2003	378	2.07	1.86 – 2.28
	2004-2008	416	2.10	1.90 – 2.30
	2009-2013	468	2.42	2.20 – 2.64
	2014-2018	466	2.38	2.16 – 2.60
	2019-2023	403	2.12	1.92 – 2.33
Patent ductus arteriosus	1999-2003	8,064	44.13	43.17 – 45.09
	2004-2008	10,918	55.17	54.13 – 56.20
	2009-2013	13,654	70.59	69.41 – 71.78
	2014-2018	13,639	69.65	68.48 – 70.82
	2019-2023	6,518	34.35	33.51 – 35.18
Coarctation of the aorta	1999-2003	846	4.63	4.32 – 4.94
	2004-2008	1,007	5.09	4.77 – 5.40
	2009-2013	1,079	5.58	5.25 – 5.91
	2014-2018	1,130	5.77	5.43 – 6.11
	2019-2023	1,052	5.54	5.21 – 5.88
<i>Respiratory</i>				
Choanal atresia or stenosis	1999-2003	217	1.19	1.03 – 1.35
	2004-2008	233	1.18	1.03 – 1.33
	2009-2013	264	1.36	1.20 – 1.53
	2014-2018	257	1.31	1.15 – 1.47
	2019-2023	277	1.46	1.29 – 1.63
Agenesis, aplasia, or hypoplasia of the lung	1999-2003	755	4.13	3.84 – 4.43
	2004-2008	517	2.61	2.39 – 2.84
	2009-2013	543	2.81	2.57 – 3.04
	2014-2018	547	2.79	2.56 – 3.03
	2019-2023	404	2.13	1.92 – 2.34

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
<i>Orofacial</i>				
Cleft palate alone (without cleft lip)	1999-2003	1,056	5.78	5.43 – 6.13
	2004-2008	1,187	6.00	5.66 – 6.34
	2009-2013	1,174	6.07	5.72 – 6.42
	2014-2018	1,174	5.99	5.65 – 6.34
	2019-2023	1,116	5.88	5.54 – 6.23
Cleft lip alone (without cleft palate)	1999-2003	607	3.32	3.06 – 3.59
	2004-2008	682	3.45	3.19 – 3.70
	2009-2013	607	3.14	2.89 – 3.39
	2014-2018	686	3.50	3.24 – 3.77
	2019-2023	643	3.39	3.13 – 3.65
Cleft lip with cleft palate	1999-2003	1,351	7.39	7.00 – 7.79
	2004-2008	1,527	7.72	7.33 – 8.10
	2009-2013	1,426	7.37	6.99 – 7.76
	2014-2018	1,447	7.39	7.01 – 7.77
	2019-2023	1,343	7.08	6.70 – 7.46
<i>Gastrointestinal</i>				
Esophageal atresia/ tracheoesophageal fistula	1999-2003	386	2.11	1.90 – 2.32
	2004-2008	393	1.99	1.79 – 2.18
	2009-2013	447	2.31	2.10 – 2.53
	2014-2018	446	2.28	2.07 – 2.49
	2019-2023	457	2.41	2.19 – 2.63
Pyloric stenosis	1999-2003	3,349	18.33	17.71 – 18.95
	2004-2008	4,086	20.65	20.01 – 21.28
	2009-2013	2,660	13.75	13.23 – 14.28
	2014-2018	2,561	13.08	12.57 – 13.58
	2019-2023	2,474	13.04	12.52 – 13.55
Stenosis or atresia of the small intestine	1999-2003	544	2.98	2.73 – 3.23
	2004-2008	671	3.39	3.13 – 3.65
	2009-2013	678	3.51	3.24 – 3.77
	2014-2018	730	3.73	3.46 – 4.00
	2019-2023	752	3.96	3.68 – 4.25
Stenosis or atresia of large intestine, rectum, or anal canal	1999-2003	960	5.25	4.92 – 5.59
	2004-2008	1,050	5.31	4.98 – 5.63
	2009-2013	1,047	5.41	5.09 – 5.74
	2014-2018	1,049	5.36	5.03 – 5.68
	2019-2023	1,028	5.42	5.09 – 5.75
Hirschsprung disease	1999-2003	216	1.18	1.02 – 1.34
	2004-2008	287	1.45	1.28 – 1.62
	2009-2013	283	1.46	1.29 – 1.63
	2014-2018	316	1.61	1.44 – 1.79
	2019-2023	295	1.55	1.38 – 1.73

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Biliary atresia	1999-2003	135	0.74	0.61 – 0.86
	2004-2008	143	0.72	0.60 – 0.84
	2009-2013	139	0.72	0.60 – 0.84
	2014-2018	137	0.70	0.58 – 0.82
	2019-2023	121	0.64	0.52 – 0.75
<i>Genitourinary</i>				
Hypospadias (among males)	1999-2003	5,037	53.95	52.46 – 55.44
	2004-2008	5,645	55.77	54.31 – 57.22
	2009-2013	6,368	64.44	62.86 – 66.02
	2014-2018	7,308	73.05	71.38 – 74.73
	2019-2023	6,536	67.39	65.76 – 69.03
Renal agenesis or dysgenesis	1999-2003	971	5.31	4.98 – 5.65
	2004-2008	1,131	5.72	5.38 – 6.05
	2009-2013	1,312	6.78	6.42 – 7.15
	2014-2018	1,411	7.21	6.83 – 7.58
	2019-2023	1,625	8.56	8.15 – 8.98
Bladder exstrophy	1999-2003	43	0.24	0.17 – 0.32
	2004-2008	34	0.17	0.12 – 0.24
	2009-2013	38	0.20	0.14 – 0.27
	2014-2018	20	0.10	0.06 – 0.16
	2019-2023	40	0.21	0.15 – 0.29
<i>Musculoskeletal</i>				
Congenital hip dislocation (without hip dysplasia)	1999-2003	685	3.75	3.47 – 4.03
	2004-2008	540	2.73	2.50 – 2.96
	2009-2013	456	2.36	2.14 – 2.57
	2014-2018	360	1.84	1.65 – 2.03
	2019-2023	255	1.34	1.18 – 1.51
Talipes equinovarus (clubfoot)	1999-2003	2,701	14.78	14.22 – 15.34
	2004-2008	2,968	15.00	14.46 – 15.54
	2009-2013	3,237	16.74	16.16 – 17.31
	2014-2018	3,710	18.94	18.34 – 19.55
	2019-2023	3,885	20.47	19.83 – 21.12
Reduction defects of the upper limbs	1999-2003	746	4.08	3.79 – 4.38
	2004-2008	806	4.07	3.79 – 4.35
	2009-2013	847	4.38	4.08 – 4.67
	2014-2018	801	4.09	3.81 – 4.37
	2019-2023	791	4.17	3.88 – 4.46
Reduction defects of the lower limbs	1999-2003	353	1.93	1.73 – 2.13
	2004-2008	391	1.98	1.78 – 2.17
	2009-2013	388	2.01	1.81 – 2.21
	2014-2018	368	1.88	1.69 – 2.07
	2019-2023	410	2.16	1.95 – 2.37

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Craniosynostosis	1999-2003	786	4.30	4.00 – 4.60
	2004-2008	942	4.76	4.46 – 5.06
	2009-2013	1,198	6.19	5.84 – 6.54
	2014-2018	1,274	6.51	6.15 – 6.86
	2019-2023	1,330	7.01	6.63 – 7.39
Achondroplasia	1999-2003	56	0.31	0.23 – 0.40
	2004-2008	59	0.30	0.23 – 0.38
	2009-2013	71	0.37	0.29 – 0.46
	2014-2018	93	0.47	0.38 – 0.58
	2019-2023	79	0.42	0.33 – 0.52
Diaphragmatic hernia	1999-2003	497	2.72	2.48 – 2.96
	2004-2008	557	2.81	2.58 – 3.05
	2009-2013	557	2.88	2.64 – 3.12
	2014-2018	541	2.76	2.53 – 3.00
	2019-2023	607	3.20	2.94 – 3.45
Omphalocele	1999-2003	396	2.17	1.95 – 2.38
	2004-2008	401	2.03	1.83 – 2.22
	2009-2013	410	2.12	1.91 – 2.32
	2014-2018	447	2.28	2.07 – 2.49
	2019-2023	432	2.28	2.06 – 2.49
Gastroschisis	1999-2003	750	4.10	3.81 – 4.40
	2004-2008	1,087	5.49	5.17 – 5.82
	2009-2013	1,160	6.00	5.65 – 6.34
	2014-2018	1,012	5.17	4.85 – 5.49
	2019-2023	798	4.21	3.91 – 4.50
<i>Chromosomal</i>				
Down syndrome (trisomy 21)	1999-2003	2,312	12.65	12.14 – 13.17
	2004-2008	2,652	13.40	12.89 – 13.91
	2009-2013	2,820	14.58	14.04 – 15.12
	2014-2018	2,807	14.33	13.80 – 14.86
	2019-2023	2,852	15.03	14.48 – 15.58
Patau syndrome (trisomy 13)	1999-2003	222	1.21	1.06 – 1.37
	2004-2008	218	1.10	0.96 – 1.25
	2009-2013	252	1.30	1.14 – 1.46
	2014-2018	214	1.09	0.95 – 1.24
	2019-2023	192	1.01	0.87 – 1.15

Birth Defect	5-Year Period (Delivery Year)	Cases (count)	Prevalence (rate)	Confidence Interval (95% for Prevalence)
Edwards syndrome (trisomy 18)	1999-2003	407	2.23	2.01 – 2.44
	2004-2008	524	2.65	2.42 – 2.87
	2009-2013	536	2.77	2.54 – 3.01
	2014-2018	479	2.45	2.23 – 2.67
	2019-2023	416	2.19	1.98 – 2.40
<i>Infants & fetuses with regular reportable birth defects</i>	1999-2003	59,446	325.32	322.70 – 327.93
	2004-2008	78,407	396.20	393.43 – 398.97
	2009-2013	95,747	495.03	491.89 – 498.17
	2014-2018	115,525	589.92	586.52 – 593.33
	2019-2023	130,001	685.06	681.34 – 688.79

Prevalence (rate) is expressed as the number of cases per 10,000 live births.

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/DeliveryYear?:embed=y>

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