

Alabama Birth Defects Surveillance and Prevention Program

	1998	1998	1999	1999	2000	2000	2001	2001	2002	2002
Total Live Births	8063		8027		8168		18004		19233	
Defect	Count	Rate	Count	Rate	Count	Rate	Count 1	Rate 1	Count 2	Rate 2
Anencephaly	4	4.96	1	1.25	0	0	4	2.22	7	3.64
Spina bifida without anencephalus	8	9.92	5	6.23	4	4.9	3	1.67	4	2.08
Hydrocephalus without spina bifida	12	29.77	6	7.47	10	12.24	10	5.55	9	4.68
Encephalocele	2	2.48	0	0	1	1.22	2	1.11	4	2.08
Microcephalus	8	9.92	7	8.72	10	12.24	8	4.44	7	3.64
Anophthalmia/microphthalmia	6	7.44	1	1.25	3	3.67	5	2.78	4	2.08
Congenital cataract	2	2.48	0	0	2	2.45	2	1.11	2	1.04
Aniridia	2	2.48	0	0	1	1.22	0	0	1	0.52
Anotia/microtia	3	3.72	0	0	1	1.22	0	0	2	1.04
Common truncus	1	1.24	1	1.25	1	1.22	1	0.56	1	0.52
Transposition of great arteries	8	9.92	2	2.49	5	6.12	2	1.11	2	1.04
Tetralogy of Fallot	4	4.96	9	11.21	2	2.45	6	3.33	5	2.6
Endocardial cushion defect	8	9.92	3	3.74	3	3.67	6	3.33	7	3.64
Pulmonary valve atresia and stenosis	5	6.2	6	7.47	2	2.45	4	2.22	6	3.12
Tricuspid valve atresia and stenosis	4	4.96	0	0	1	1.22	0	0	2	1.04
Ebstein's anomaly	0	0	2	2.49	1	1.22	2	1.11	0	0
Aortic valve stenosis	0	0	3	3.74	1	1.22	5	2.78	2	1.04
Hypoplastic left heart syndrome	0	0	4	4.98	1	1.22	3	1.67	2	1.04
Coarctation of the aorta	2	2.48	7	8.72	5	6.12	6	3.33	3	1.56
Cleft palate without cleft lip	8	9.92	6	7.47	5	6.12	21	11.66	11	5.72
Cleft lip with and without cleft palate	8	9.92	7	8.72	8	9.79	21	11.66	20	10.4
Choanal atresia	1	1.24	0	0	0	0	0	0	0	0
Esophageal atresia/tracheoesophageal fistula	2	2.48	2	2.49	2	2.45	1	0.56	3	1.56
Rectal and large intestinal atresia and stenosis	3	3.72	6	7.47	7	8.57	6	3.33	5	2.6
Pyloric stenosis	12	29.77	12	14.95	20	24.49	26	14.44	13	6.76
Hirschsprung's Disease (congenital megacolon)	1	1.24	0	0	3	3.67	5	2.78	0	0
Biliary atresia	0	0	1	1.25	1	1.22	2	1.11	0	0
Renal agenesis/hypoplasia	8	9.92	7	8.72	15	18.36	14	7.78	18	9.36
Bladder exstrophy	1	1.24	0	0	1	1.22	1	0.56	0	0
Obstructive genitourinary defect	25	31.01	23	28.65	28	34.28	37	20.55	22	11.44
Hypospadias/epispadias	8	9.92	11	13.7	11	13.47	33	18.33	21	10.92

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Defect	Count	Rate	Count	Rate	Count	Rate	Count 1	Rate 1	Count 2	Rate 2
Reduction deformity, upper limbs	3	3.72	2	2.49	6	7.35	6	3.33	6	3.12
Reduction deformity, lower limbs	1	1.24	3	3.74	1	1.22	0	0	4	2.08
Gastroschisis	6	7.44 ⁴	3	3.74	4	4.9	2	1.11	3	1.56
Omphalocele	1	1.24	3	3.74	3	3.67	5	2.78	4	2.08
Diaphragmatic hernia	5	6.2	2	2.49	3	3.67	5	2.78	1	0.52
Trisomy 13	4	4.96	2	2.49	1	1.22	4	2.22	6	3.12
Down syndrome	7	8.68	10	12.46	11	13.47	25	13.89	16	8.32
Trisomy 18	2	2.48	3	3.74	2	2.45	7	3.89	4	2.08
Fetus or newborn affected by maternal alcohol use	0	0	2	2.49	2	2.45	2	1.11	0	0
amniotic bands	0	0	0	0	1	1.22	3	1.67	5	2.6

1, 2 - preliminary data

3 - later ascertainment

4 - increase noted nationally