

New Zealand Birth Defects Registry

Prevalence of Selected Defects Reported to the International Clearinghouse for Birth Defects Surveillance and Research 2010

Livebirths	63,897
Stillbirths	418
Total births	64,315

Selected Birth Defects	Livebirths*	Rate per 1,000 livebirths
Anencephaly	2	0.03
Iniencephaly and holoprosencephaly	0	0.00
Spina bifida	10	0.16
Encephalocele	5	0.08
Microcephaly	20	0.31
Hydrocephaly	24	0.38
Anophthalmos	0	0.00
Microphthalmos	3	0.05
Unspecified Anophthalmos/Microphthalmos	0	0.00
Transposition of great vessels	41	0.64
Tetralogy of Fallot	25	0.39
Hypoplastic left heart syndrome	10	0.16
Coarctation of aorta	17	0.27
Choanal atresia	5	0.08
Cleft palate without cleft lip	63	0.99
Cleft lip with or without cleft palate	24	0.38
Oesophageal atresia/stenosis with or without fistula	10	0.16
Small intestine atresia/stenosis	7	0.11
Anorectal atresia/stenosis	10	0.16
Undescended testis	416	6.51
Hypospadias and epispadias	176	2.75
Indeterminate sex	5	0.08
Renal agenesis	19	0.30
Cystic kidney	35	0.55
Bladder exstrophy	3	0.05
Polydactyly	71	1.11
Total Limb reduction defects (include unspecified)	10	0.16
Diaphragmatic hernia	16	0.25
Anomalies of the abdominal wall (incl gastroschisis, omphalocele)	32	0.50
Trisomy 13	2	0.03
Trisomy 18	5	0.08
Down syndrome, all ages	54	0.85

Major categories of birth defects		
Neural tube defects	12	0.19
Congenital heart defects	780	12.21
Chromosomal anomalies	98	1.53
All defects	4622	72.34

Notes

0 = no case reported; NR = data not reported or not available

*the NZBDR has a continous method of ascertainment, therefore some of these defect numbers will change with later diagnosis these are defects registered, not individuals; some individuals may have more than one birth defects