

New Zealand Birth Defects Registry

Prevalence of Selected Defects Reported to the International Clearinghouse for Birth Defects Surveillance and Research 2011

Livebirths	61,403
Stillbirths	420
Total births	61,823

Selected Birth Defects	Livebirths *	Rate per 1,000 livebirths
Anencephaly	4	0.07
Iniencephaly and holoprosencephaly	0	0.00
Spina bifida	21	0.34
Encephalocele	3	0.05
Microcephaly	20	0.33
Hydrocephaly	15	0.24
Anophthalmos	0	0.00
Microphthalmos	5	0.08
Transposition of great vessels	32	0.52
Tetralogy of Fallot	23	0.37
Hypoplastic left heart syndrome	10	0.16
Coarctation of aorta	19	0.31
Choanal atresia	4	0.07
Cleft palate without cleft lip	49	0.80
Cleft lip with or without cleft palate	35	0.57
Oesophageal atresia/stenosis with or without fistula	8	0.13
Small intestine atresia/stenosis	15	0.24
Anorectal atresia/stenosis	12	0.20
Undescended testis	374	6.09
Hypospadias and epispadias	161	2.62
Indeterminate sex	2	0.03
Renal agenesis	18	0.29
Cystic kidney	20	0.33
Bladder exstrophy	1	0.02
Polydactyly	59	0.96
Total Limb reduction defects (include unspecified)	11	0.18
Diaphragmatic hernia	15	0.24
Anomalies of the abdominal wall (incl gastroschisis, omphalocele)	38	0.62
Trisomy 13	2	0.03
Trisomy 18	9	0.15
Down syndrome, all ages	41	0.67

Major categories of birth defects		
Neural tube defects	25	0.41
Congenital heart defects	702	11.43
Chromosomal anomalies	116	1.89
All defects	4250	69.21

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

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