

# Congenital malformations, 1981-1997

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This report contains national data on congenital malformations among births that occurred in the period 1981 to 1997. Data for the years up to 1996 were published previously in *Birth Defects Series Number 3* (Hurst, Shafir, Day & Lancaster 1999). This report is only available electronically from the NPSU website (see [www.aihw.gov.au/npsu/cm97.pdf](http://www.aihw.gov.au/npsu/cm97.pdf)). Data for the years up to 1998 will be published as *Birth Defects Series Number 4* later in 2001.

The data in this report were obtained from numerous sources. We gratefully acknowledge the collaboration of the following groups: State and Territory health departments in New South Wales, Victoria, Queensland, Western Australia, South Australia, the Australian Capital Territory and Northern Territory; in Tasmania, the State Committee of the Royal Australian College of Obstetricians and Gynaecologists, and the Department of Health and Family Services; and the staff of birth defects registries in New South Wales, Victoria, South Australia and Western Australia.

We are also grateful to the many clinicians, midwives, medical record administrators, pathologists and cytogeneticists, who complete notification forms and provide additional information when requested.

Dept of Health & Ageing  
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## Criteria for inclusion

Congenital malformations are anatomical defects or chromosomal abnormalities that are present at birth. Major congenital malformations are either lethal or significantly affect the individual's function or appearance. Minor malformations do not have functional or cosmetic importance but may sometimes signify an underlying genetic disorder. Although infants with only minor malformations may be included in State birth defects registers, these infants are not notified to the AIHW National Perinatal Statistics Unit unless major malformations are also present.

Major congenital malformations diagnosed in liveborn infants in the first 28 days, or in stillbirths of at least 20 weeks' gestation or 400g birthweight, are included in this report. If terminations of pregnancy occurred at gestational ages of 20 weeks or more, these fetuses are included in the figures for stillbirths.

## Data processing

Data on congenital malformations are coded in each State and Territory by the groups responsible for perinatal data collection and birth defects registers. Major congenital malformations and chromosomal abnormalities listed in the chapter on congenital anomalies in the Ninth Revision of the International Classification of Diseases (ICD) are notified to the NPSU. In due course, ICD-10 will replace ICD-9 for classifying congenital malformations. The NPSU and the States and Territories use the British Paediatric Association (BPA) Classification of Diseases, which is a 5-digit system compatible with ICD at the 4-digit level, to code congenital malformations. The BPA classification enables more specific coding of malformations and, with some modification of codes for malformation syndromes, limb reduction defects and other selected malformations, has been used by the NPSU since 1981. If notification forms contain information on which side of the body is affected by a malformation, this information is coded by the NPSU.

Whenever possible, coding by State and Territory groups and the NPSU is based on written descriptions of congenital malformations. Further information is requested if diagnoses are doubtful or if key data items such as maternal age are missing. While this report gives widely accepted definitions of selected major congenital malformations, it is not always possible to ensure that notified diagnoses of malformations conform to these definitions.

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## Contents of report

Data in all tables are based on the year of birth, or the year of induced abortion, and on the State or Territory in which the birth or termination of pregnancy occurred. Denominators for calculating rates are based on the State or Territory of registration, obtained from the Australian Bureau of Statistics for the years 1981 to 1990, and are obtained from State and Territory perinatal data collections for the years 1991 to 1997 (ABS 1996; ABS 1997; Day et al. 1997; Day et al. 1999). Malformation rates are expressed per 10,000 total births, including those malformations that are specific to one sex. As the criteria used by the States and Territories for their published reports may differ from those used here, their numbers and rates may differ from those in this report. Also, the criteria and sources of notifications vary among the States and Territories, so differences in malformation rates should be interpreted cautiously. Small numbers of specific types of malformations may also influence variations in rates.

Tables 1-7 are similar in content to annual tables published previously. Tables 1-4 give national data, and data for each State and Territory, on the total number of infants and fetuses with major congenital malformations in the years 1981 to 1997. In Tables 5-7, State/Territory and national data are given on major malformations affecting all anatomical systems. National data are presented separately for 1981-1995, 1996, 1997 and the whole period; data on selected malformations in each State and Territory are given for the same years.

Table 8 gives the annual number of live births, stillbirths and total births, by State and Territory, for the years 1981 to 1997.

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**Table 1: Single and multiple congenital malformations, Australia, 1981-1997**

Type of malformation	1981-95	1996	1997	1981-97	1981-95	1996	1997	1981-97
	Number				Rate per 10,000 births			
All types	57,818	4,522	4,489	66,829	159.4	175.9	175.2	161.4
Single system	44,194	3,476	3,482	51,152	121.8	135.2	135.9	123.5
Multiple systems	4,221	320	308	4,849	11.6	12.4	12.0	11.7
- 2 systems	2,871	252	224	3,347	7.9	9.8	8.7	8.1
- 3+ systems	1,290	67	79	1,436	3.6	2.6	3.1	3.5
- unknown	60	1	5	66	0.2	0.0	0.2	0.2
Syndrome	9,403	726	699	10,828	25.9	28.2	27.3	26.2

*Note: Data for 1981 exclude Vic, WA, ACT, NT and certain hospitals in NSW; data for 1982-1985 exclude NT.*

**Table 2: Single and multiple congenital malformations by State or Territory of birth, 1991-1997**

Type of malformation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
	Number								
All types	8,778	10,319	6,440	1,941	2,572	448	740	352	31,590
Single system	6,154	8,274	5,280	1,325	2,021	324	627	263	24,268
Multiple systems	680	654	285	187	186	26	23	39	2,080
- 2 systems	468	476	221	132	139	17	21	27	1,501
- 3+ systems	209	166	61	53	47	8	2	12	558
- unknown	3	12	3	2	-	1	-	-	21
Syndrome	1,944	1,391	875	429	365	98	90	50	5,242
	Rate per 10,000 births								
All types	143.0	229.2	194.3	109.4	187.6	96.0	222.3	141.5	174.1
Single system	100.3	183.8	159.3	74.7	147.4	69.4	188.4	105.7	133.7
Multiple systems	11.1	14.5	8.6	10.5	13.6	5.6	6.9	15.7	11.5
- 2 systems	7.6	10.6	6.7	7.4	10.1	3.6	6.3	10.9	8.3
- 3+ systems	3.4	3.7	1.8	3.0	3.4	1.7	0.6	4.8	3.1
- unknown	0.0	0.3	0.1	0.1	-	0.2	-	-	0.1
Syndrome	31.7	30.9	26.4	24.2	26.6	21.0	27.0	20.1	28.9

**Table 3: Source of notification of congenital malformations, Australia, 1991-1997**

Source	1991-95	1996	1997	1991-97	1991-95	1996	1997	1991-97
	Number				Per cent			
All sources	22,579	4,522	4,489	31,590	100.0	100.0	100.0	100.0
Birth notification	20,683	2,667	2,437	25,787	91.6	59.0	54.3	81.6
Referral hospital	2,827	374	374	3,575	12.5	8.3	8.3	11.3
Death certificate	1,147	194	161	1,502	5.1	4.3	3.6	4.8
Pathology report	834	66	82	982	3.7	1.5	1.8	3.1
Cytogenetics report	2,040	317	292	2,649	9.0	7.0	6.5	8.4
Other reports	1,578	426	601	2,605	7.0	9.4	13.4	8.2
Not stated	34	1,525	1,592	3,151	0.2	33.7	35.5	10.0

**Table 4: Congenital malformations by major anatomical system, Australia, 1981-1997**

Codes	Malformations	1981-95	1996	1997	1981-97	1981-95	1996	1997	1981-97
		Number				Rate per 10,000 births			
	All malformations	57,818	4,522	4,489	66,829	159.4	175.9	175.2	161.4
740-2	Nervous system	6,476	338	367	7,181	17.9	13.1	14.3	17.3
743	Eye	1,092	86	86	1,264	3.0	3.3	3.4	3.1
744	Ear, face & neck	469	57	46	572	1.3	2.2	1.8	1.4
745-6	Heart	10,782	924	909	12,615	29.7	35.9	35.5	30.5
747	Circulatory system	4,021	348	327	4,696	11.1	13.5	12.8	11.3
748	Respiratory system	1,038	88	72	1,198	2.9	3.4	2.8	2.9
749	Cleft palate/lip	5,422	388	370	6,180	14.9	15.1	14.4	14.9
750-1	Digestive system	4,133	277	268	4,678	11.4	10.8	10.5	11.3
752	Genital organs	8,875	688	621	10,184	24.5	26.8	24.2	24.6
753	Urinary system	5,192	577	566	6,335	14.3	22.4	22.1	15.3
755	Limbs	5,185	400	412	5,997	14.3	15.6	16.1	14.5
754, 6	Other musculoskeletal	12,665	838	863	14,366	34.9	32.6	33.7	34.7
757	Integument	522	87	83	692	1.4	3.4	3.2	1.7
758	Chromosomal	7,359	588	576	8,523	20.3	22.9	22.5	20.6
759	Other & unspecified	1,472	116	108	1,696	4.1	4.5	4.2	4.1
760	Maternal conditions	59	2	2	63	0.2	0.1	0.1	0.2

Note: Data for 1981 exclude Vic, WA, ACT, NT and certain hospitals in NSW; data for 1982-1985 exclude NT.

**Table 5: Selected congenital malformations, Australia, 1981-1997**

Codes	Malformations	1981-95	1996	1997	1981-97	1981-95	1996	1997	1981-97
		Number				Rate per 10,000 births			
740	Anencephalus & similar anomalies	1,265	42	37	1,344	3.5	1.6	1.4	3.2
740.0	Anencephalus	1,087	35	31	1,153	3.0	1.4	1.2	2.8
740.1	Craniorachischisis	159	7	5	171	0.4	0.3	0.2	0.4
740.2	Iniencephaly	20	-	1	21	0.1	-	0.0	0.1
741	Spina bifida	2,129	79	86	2,294	5.9	3.1	3.4	5.5
742	Other nervous system	3,181	219	255	3,655	8.8	8.5	10.0	8.8
742.0	Encephalocele	426	19	29	474	1.2	0.7	1.1	1.1
742.1	Microcephalus	643	39	39	721	1.8	1.5	1.5	1.7
742.2	Brain reduction	734	56	66	856	2.0	2.2	2.6	2.1
742.3	Hydrocephalus	1,425	84	100	1,609	3.9	3.3	3.9	3.9
742.4-9	Other	332	52	51	435	0.9	2.0	2.0	1.1
743	Eye	1,092	86	86	1,264	3.0	3.3	3.4	3.1
743.0	Anophthalmos	106	3	7	116	0.3	0.1	0.3	0.3
743.1	Microphthalmos	327	10	19	356	0.9	0.4	0.7	0.9
743.2	Buphthalmos	81	6	2	89	0.2	0.2	0.1	0.2
743.3	Cataract & lens	325	28	17	370	0.9	1.1	0.7	0.9
743.32	Cataract	317	26	17	360	0.9	1.0	0.7	0.9
743.4-9	Other	401	46	53	500	1.1	1.8	2.1	1.2
744	Ear, face & neck	469	57	46	572	1.3	2.2	1.8	1.4
744.0	Ear-affecting hearing	322	27	23	372	0.9	1.1	0.9	0.9
744.00	Auditory canal a/s	266	22	18	306	0.7	0.9	0.7	0.7
744.01	Absent auricle	54	5	5	64	0.1	0.2	0.2	0.2
744.1-3	Other ear	84	24	22	130	0.2	0.9	0.9	0.3
744.4-9	Face & neck	75	9	4	88	0.2	0.4	0.2	0.2
745	Bulbus cordis & cardiac septal closure	8,607	743	754	10,104	23.7	28.9	29.4	24.4
745.0	Common truncus	245	16	10	271	0.7	0.6	0.4	0.7
745.1	Transpstrn. grt. vessels	1,299	96	79	1,474	3.6	3.7	3.1	3.6
745.2	Tetralogy of Fallot	611	59	54	724	1.7	2.3	2.1	1.7
745.3	Common ventricle	222	15	14	251	0.6	0.6	0.5	0.6
745.4	Vent. septal defect	5,734	485	484	6,703	15.8	18.9	18.9	16.2
745.5	Ostium secundum ASD	1,676	174	218	2,068	4.6	6.8	8.5	5.0
745.6	Endocardial cushion	687	85	53	825	1.9	3.3	2.1	2.0
745.7-9	Other	49	6	7	62	0.1	0.2	0.3	0.1
746	Other heart	3,759	330	294	4,383	10.4	12.8	11.5	10.6
746.0	Pulmonary valve	1,394	107	102	1,603	3.8	4.2	4.0	3.9
746.00	atresia	459	31	29	519	1.3	1.2	1.1	1.3
746.01	stenosis	778	70	68	916	2.1	2.7	2.7	2.2
746.1	Tricuspid a/s	496	39	32	567	1.4	1.5	1.2	1.4
746.2	Ebstein anomaly	123	7	7	137	0.3	0.3	0.3	0.3
746.3-4	Aortic valve stenosis, insufficiency	454	53	50	557	1.3	2.1	2.0	1.3
746.5-6	Mitral st/insuffic.	285	34	19	338	0.8	1.3	0.7	0.8
746.7	Hypoplastic L heart	810	59	54	923	2.2	2.3	2.1	2.2
746.8	Other specified	612	71	45	728	1.7	2.8	1.8	1.8
746.9	Unspecified	283	24	14	321	0.8	0.9	0.5	0.8

**Table 5: Selected congenital malformations, Australia, 1981-1997 (cont.)**

Codes	Malformations	1981-95	1996	1997	1981-97	1981-95	1996	1997	1981-97
		Number				Rate per 10,000 births			
747	Circulatory	4,021	348	327	4,696	11.1	13.5	12.8	11.3
747.0	Pat. ductus arteriosus	2,486	216	207	2,909	6.9	8.4	8.1	7.0
747.1	Coarctation of aorta	1,045	59	63	1,167	2.9	2.3	2.5	2.8
747.2	Other aorta	422	36	33	491	1.2	1.4	1.3	1.2
747.3	Pulmonary artery	346	56	34	436	1.0	2.2	1.3	1.1
747.4	Great veins	397	17	21	435	1.1	0.7	0.8	1.1
747.42	Total anomalous pulm. venous return	235	13	12	260	0.6	0.5	0.5	0.6
747.6	Peripheral vascular	134	6	4	144	0.4	0.2	0.2	0.3
747.8	Other specified	46	7	3	56	0.1	0.3	0.1	0.1
747.9	Unspecified	9	2	2	13	0.0	0.1	0.1	0.0
748	Respiratory	1,038	88	72	1,198	2.9	3.4	2.8	2.9
748.0	Choanal atresia	378	22	20	420	1.0	0.9	0.8	1.0
748.1	Other nose	107	11	6	124	0.3	0.4	0.2	0.3
748.2-3	Larynx/ trach./ bronch.	201	19	16	236	0.6	0.7	0.6	0.6
748.4-6	Lung	373	39	30	442	1.0	1.5	1.2	1.1
748.8-9	Other respiratory	23	-	-	23	0.1	-	-	0.1
749	Cleft palate/ lip	5,422	388	370	6,180	14.9	15.1	14.4	14.9
749.0	Cleft palate	2,113	181	152	2,446	5.8	7.0	5.9	5.9
749.1	Cleft lip	1,153	79	77	1,309	3.2	3.1	3.0	3.2
749.2	Cleft palate + lip	2,154	128	141	2,423	5.9	5.0	5.5	5.9
750	Upper alimentary tract	1,182	74	74	1,330	3.3	2.9	2.9	3.2
750.3	TOF, oesophageal a/s	1,112	66	65	1,243	3.1	2.6	2.5	3.0
750.*	Other	81	8	9	98	0.2	0.3	0.4	0.2
751	Other digestive	3,156	212	207	3,575	8.7	8.2	8.1	8.6
751.1	Small intestine a/s	763	46	60	869	2.1	1.8	2.3	2.1
751.10	Duodenum a/s	467	29	30	526	1.3	1.1	1.2	1.3
751.11	Jejunum a/s	143	5	12	160	0.4	0.2	0.5	0.4
751.12	Ileum a/s	111	6	4	121	0.3	0.2	0.2	0.3
751.19	Unspecified a/s	61	6	16	83	0.2	0.2	0.6	0.2
751.2	Large intestine, rectum, anal canal a/s	1,206	83	73	1,362	3.3	3.2	2.8	3.3
751.20	Large intestine a/s	90	5	3	98	0.2	0.2	0.1	0.2
751.21-2	Rectum a/s	118	4	2	124	0.3	0.2	0.1	0.3
751.23-4	Anus a/s	1,054	74	66	1,194	2.9	2.9	2.6	2.9
751.3	Hirschsprung dis., etc	433	29	26	488	1.2	1.1	1.0	1.2
751.4	Intestinal fixation	422	20	31	473	1.2	0.8	1.2	1.1
751.5-9	Other digestive	561	58	37	656	1.5	2.3	1.4	1.6

**Table 5: Selected congenital malformations, Australia, 1981-1997 (cont.)**

Codes	Malformations	1981-95	1996	1997	1981-97	1981-95	1996	1997	1981-97
		Number				Rate per 10,000 births			
752	Genital organs	8,875	688	621	10,184	24.5	26.8	24.2	24.6
752.0-1	Ovaries/fallopian, etc	105	3	5	113	0.3	0.1	0.2	0.3
752.2-3	Uterus	198	7	8	213	0.5	0.3	0.3	0.5
752.4	Cerv., vagina, external	188	4	8	200	0.5	0.2	0.3	0.5
752.6	Hypospadias etc	7,651	620	555	8,826	21.1	24.1	21.7	21.3
752.60,3-5	Hypospadias	7,212	607	531	8,350	19.9	23.6	20.7	20.2
752.61	Epispadias	91	12	11	114	0.3	0.5	0.4	0.3
752.62	Chordee	982	1	-	983	2.7	0.0	-	2.4
752.7	Indeterminate sex, etc	564	42	34	640	1.6	1.6	1.3	1.5
752.74	Ambiguous genitalia	253	19	10	282	0.7	0.7	0.4	0.7
752.79	Indeterminate sex NOS	258	20	15	293	0.7	0.8	0.6	0.7
752.8	Other specified	460	27	23	510	1.3	1.1	0.9	1.2
752.9	Unspecified	23	2	1	26	0.1	0.1	0.0	0.1
753	Urinary	5,192	577	566	6,335	14.3	22.4	22.1	15.3
753.0	Renal agenesis/dysgen.	1,275	108	90	1,473	3.5	4.2	3.5	3.6
753.00	Bilateral	716	48	37	801	2.0	1.9	1.4	1.9
753.01	Unilateral	509	58	53	620	1.4	2.3	2.1	1.5
753.1	Cystic kidney disease	969	94	92	1,155	2.7	3.7	3.6	2.8
753.11-3	Polycystic	389	23	25	437	1.1	0.9	1.0	1.1
753.16	Multicystic	504	62	63	629	1.4	2.4	2.5	1.5
753.2	Obstructive defects								
	renal pelvis/ureter	2,146	319	302	2,767	5.9	12.4	11.8	6.7
753.20	Hydronephrosis	1,364	239	212	1,815	3.8	9.3	8.3	4.4
753.21-9	Other	921	126	101	1,148	2.5	4.9	3.9	2.8
753.3	Other spec. kidney	617	69	57	743	1.7	2.7	2.2	1.8
753.32	Horseshoe kidney, etc	295	15	22	332	0.8	0.6	0.9	0.8
753.4	Other spec. ureter	262	24	23	309	0.7	0.9	0.9	0.7
753.5	Exstrophy of urinary bladder	124	7	8	139	0.3	0.3	0.3	0.3
753.6	Atresia/ stenosis of urethra, bladder neck	312	32	39	383	0.9	1.2	1.5	0.9
753.7	Urachus	34	1	1	36	0.1	0.0	0.0	0.1
753.8	Other bladder/ urethra	173	18	11	202	0.5	0.7	0.4	0.5
753.9	Unspecified	52	5	3	60	0.1	0.2	0.1	0.1
754	Certain musculoskeletal	7,871	500	501	8,872	21.7	19.4	19.6	21.4
754.30	Dislocation of hip	7,692	472	449	8,613	21.2	18.4	17.5	20.8
754.*	Other	189	28	53	270	0.5	1.1	2.1	0.7
755	Limb	5,185	400	412	5,997	14.3	15.6	16.1	14.5
755.0	Polydactyly	2,350	182	202	2,734	6.5	7.1	7.9	6.6
755.1	Syndactyly	925	66	56	1,047	2.6	2.6	2.2	2.5
755.2	Reduction, upper limb	1,236	90	88	1,414	3.4	3.5	3.4	3.4
755.3	Reduction, lower limb	574	35	33	642	1.6	1.4	1.3	1.6
755.4	Reduction, unspec limb	25	-	2	27	0.1	-	0.1	0.1
755.5	Other upper limb	401	39	41	481	1.1	1.5	1.6	1.2
755.6	Other lower limb	285	35	43	363	0.8	1.4	1.7	0.9
755.8	Other specified	265	23	14	302	0.7	0.9	0.5	0.7
755.80	Arthrogryposis multiplex congenita	211	21	14	246	0.6	0.8	0.5	0.6
755.9	Unspecified	12	1	2	15	0.0	0.0	0.1	0.0

**Table 5: Selected congenital malformations, Australia, 1981-1997 (cont.)**

Codes	Malformations	1981-95	1996	1997	1981-97	1981-95	1996	1997	1981-97
		Number				Rate per 10,000 births			
756	Other musculoskeletal	4,950	356	375	5,681	13.6	13.8	14.6	13.7
756.0	Skull, face & bones	1,092	74	83	1,249	3.0	2.9	3.2	3.0
756.00	Craniostynosis	514	28	44	586	1.4	1.1	1.7	1.4
756.03	Pierre Robin synd.	349	29	22	400	1.0	1.1	0.9	1.0
756.1	Spine	666	56	59	781	1.8	2.2	2.3	1.9
756.3	Ribs & sternum	277	10	18	305	0.8	0.4	0.7	0.7
756.4	Chondrodystrophy	364	30	29	423	1.0	1.2	1.1	1.0
756.43	Achondroplasia	172	14	13	199	0.5	0.5	0.5	0.5
756.44	Other dwarfing synd.	121	8	10	139	0.3	0.3	0.4	0.3
756.5	Osteodystrophies	225	15	22	262	0.6	0.6	0.9	0.6
756.50	Osteogenesis imperfecta	161	10	15	186	0.4	0.4	0.6	0.4
756.6	Diaphragm	1,159	84	63	1,306	3.2	3.3	2.5	3.2
756.61	Diaphragmatic hernia	1,024	76	58	1,158	2.8	3.0	2.3	2.8
756.7	Abdominal wall	1,384	106	119	1,609	3.8	4.1	4.6	3.9
756.70	Exomphalos	756	42	41	839	2.1	1.6	1.6	2.0
756.71	Gastroschisis	469	56	68	593	1.3	2.2	2.7	1.4
756.8	Other specified	115	10	10	135	0.3	0.4	0.4	0.3
756.9	Unspecified	19	3	1	23	0.1	0.1	0.0	0.1
757	Integument	522	87	83	692	1.4	3.4	3.2	1.7
757.80	Cystic hygroma	286	24	19	329	0.8	0.9	0.7	0.8
758	Chromosomal	7,359	588	576	8,523	20.3	22.9	22.5	20.6
758.0	Trisomy 21 (Down)	4,477	314	332	5,123	12.3	12.2	13.0	12.4
758.1	Trisomy 13 (Patau)	337	25	24	386	0.9	1.0	0.9	0.9
758.2	Trisomy 18 (Edwards)	785	57	59	901	2.2	2.2	2.3	2.2
758.3	Autosomal deletion	311	44	37	392	0.9	1.7	1.4	0.9
758.5	Other autosomal	690	76	50	816	1.9	3.0	2.0	2.0
758.6	Turner syndrome	354	28	26	408	1.0	1.1	1.0	1.0
758.7	Klinefelter syndrome	126	17	20	163	0.3	0.7	0.8	0.4
758.8	Other sex chromosomes	271	25	30	326	0.7	1.0	1.2	0.8
758.9	Unspecified	32	2	1	35	0.1	0.1	0.0	0.1
759	Other & unspecified	1,472	116	108	1,696	4.1	4.5	4.2	4.1
759.0	Spleen	119	10	9	138	0.3	0.4	0.4	0.3
759.1	Adrenal gland	61	1	2	64	0.2	0.0	0.1	0.2
759.2	Other endocrine glands	145	16	11	172	0.4	0.6	0.4	0.4
759.3	Situs inversus	122	16	8	146	0.3	0.6	0.3	0.4
759.4	Conjoined twins	31	1	1	33	0.1	0.0	0.0	0.1
759.6	Hamartoses NEC	20	2	1	23	0.1	0.1	0.0	0.1
759.7	Multiple, so described	92	5	9	106	0.3	0.2	0.4	0.3
759.8	Other specified	948	69	67	1,084	2.6	2.7	2.6	2.6
759.9	Unspecified	17	1	2	20	0.0	0.0	0.1	0.0
760.2	Congenital rubella	24	2	1	27	0.1	0.1	0.0	0.1
760.70	Fetal hydantoin synd.	11	-	-	11	0.0	-	-	0.0
760.76	Fetal alcohol synd.	24	-	1	25	0.1	-	0.0	0.1

Note: Data for 1981 exclude Vic, WA, ACT, NT and certain hospitals in NSW; data for 1982-1985 exclude NT.



**Table 6: Selected congenital malformations, by State or Territory of birth, 1991-1997**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
		Number								
	Total									
	1996	1,184	1,500	1,000	272	352	34	139	41	4,522
	1997	1,122	1,573	927	210	339	40	182	96	4,489
	1991-97	8,778	10,319	6,440	1,941	2,572	448	740	352	31,590
740	Anencephalus									
	1996	12	14	8	5	1	-	-	2	42
	1997	9	14	10	3	-	-	1	-	37
	1991-97	81	90	75	47	7	2	6	11	319
741	Spina bifida									
	1996	20	27	19	2	4	2	3	2	79
	1997	27	28	19	6	3	1	1	1	86
	1991-97	228	201	148	85	33	14	10	12	731
742.0	Encephalocele									
	1996	6	6	2	2	1	-	1	1	19
	1997	8	9	4	2	1	-	4	1	29
	1991-97	50	58	19	22	12	1	7	3	172
742.1	Microcephalus									
	1996	15	6	11	4	1	-	2	-	39
	1997	15	10	4	6	3	-	-	1	39
	1991-97	100	79	47	28	15	1	3	6	279
742.3	Hydrocephalus									
	1996	22	33	18	5	-	3	2	1	84
	1997	21	42	14	5	6	1	3	8	100
	1991-97	181	241	116	49	31	17	19	16	670
745.1	Transposition of great vessels									
	1996	23	28	23	10	8	1	3	-	96
	1997	23	29	9	5	7	1	2	3	79
	1991-97	176	220	115	53	60	11	7	8	650
745.2	Tetralogy of Fallot									
	1996	20	17	7	2	5	3	2	3	59
	1997	13	24	8	4	2	1	1	1	54
	1991-97	131	149	53	27	27	4	11	11	413
745.4	Ventricular septal defect									
	1996	98	145	136	39	46	3	16	2	485
	1997	107	172	119	21	35	-	12	18	484
	1991-97	813	1,121	711	226	308	28	54	50	3,311
745.5	Ostium secundum atrial septal defect									
	1996	35	72	37	12	15	-	1	2	174
	1997	57	94	40	8	8	-	2	9	218
	1991-97	310	431	156	93	90	2	9	18	1,109

**Table 6: Selected congenital malformations, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
		Number								
746.00	Pulmonary valve atresia									
	1996	9	8	6	4	4	-	-	-	31
	1997	8	8	6	3	2	1	1	-	29
	1991-97	61	56	42	27	27	5	2	-	220
746.01	Pulmonary valve stenosis									
	1996	18	32	9	8	2	1	-	-	70
	1997	16	32	12	1	5	-	-	2	68
	1991-97	110	217	74	27	35	8	3	6	480
746.7	Hypoplastic left heart									
	1996	15	15	12	9	5	1	1	1	59
	1997	13	17	10	2	7	3	2	-	54
	1991-97	93	108	68	42	42	9	7	10	379
747.0	Patent ductus arteriosus									
	1996	65	94	19	19	8	1	9	1	216
	1997	65	93	19	12	6	-	3	9	207
	1991-97	511	541	121	113	65	7	21	13	1,392
747.1	Coarctation of aorta									
	1996	12	20	13	7	6	-	1	-	59
	1997	15	14	18	4	9	1	-	2	63
	1991-97	119	178	80	40	42	4	3	4	470
748.0	Choanal atresia									
	1996	9	8	2	2	1	-	-	-	22
	1997	7	4	5	2	1	-	-	1	20
	1991-97	53	83	24	15	12	3	2	2	194
749.0	Cleft palate									
	1996	56	47	34	24	15	-	4	1	181
	1997	50	38	28	9	16	3	4	4	152
	1991-97	411	305	194	93	91	23	20	17	1,154
749.1	Cleft lip									
	1996	38	13	12	6	6	2	2	-	79
	1997	24	20	14	5	12	-	2	-	77
	1991-97	197	165	107	38	57	10	12	1	587
749.2	Cleft palate + lip									
	1996	38	30	31	10	13	2	1	3	128
	1997	49	36	33	10	8	-	3	2	141
	1991-97	339	245	198	85	76	25	11	15	994
750.3	TOF, oesophageal atresia/stenosis									
	1996	18	24	8	4	9	2	1	-	66
	1997	15	31	8	4	5	1	-	1	65
	1991-97	146	170	94	38	64	14	3	3	532

**Table 6: Selected congenital malformations, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
		Number								
751.1	Small intestine atresia/stenosis									
	1996	12	20	6	4	2	1	1	-	46
	1997	17	21	10	5	5	-	-	2	60
	1991-97	109	108	79	33	40	5	3	3	380
751.2	Large intestine, rectum, anal canal atresia/stenosis									
	1996	24	27	8	8	12	-	2	2	83
	1997	20	32	11	2	4	-	4	-	73
	1991-97	168	196	90	50	53	3	6	7	573
751.3	Hirschsprung disease, etc									
	1996	7	9	9	2	1	-	1	-	29
	1997	7	12	3	1	-	1	2	-	26
	1991-97	51	101	33	20	12	2	6	1	226
752.60, 752.63-5	Hypospadias									
	1996	148	215	133	41	53	2	10	5	607
	1997	123	187	133	25	42	3	10	8	531
	1991-97	1,154	1,336	767	284	338	48	82	22	4,031
752.7	Indeterminate sex, etc									
	1996	14	10	6	7	4	1	-	-	42
	1997	10	13	4	3	2	-	1	1	34
	1991-97	74	107	45	34	15	4	1	5	285
753.0	Renal agenesis/dysgenesis									
	1996	26	42	20	6	10	1	1	2	108
	1997	29	24	16	5	8	2	-	6	90
	1991-97	153	206	137	39	64	9	7	14	629
753.1	Cystic kidney disease									
	1996	21	36	21	5	5	2	3	1	94
	1997	22	34	17	7	7	2	1	2	92
	1991-97	146	191	114	49	56	12	7	16	591
753.2	Obstructive defects renal pelvis/ureter									
	1996	74	137	55	9	31	-	11	2	319
	1997	54	162	44	6	19	1	10	6	302
	1991-97	416	790	274	60	158	9	55	23	1,785
754.30	Dislocation of hip									
	1996	75	169	144	19	42	-	20	3	472
	1997	67	148	145	21	44	-	18	6	449
	1991-97	595	1,144	1,259	134	383	20	61	42	3,638

**Table 6: Selected congenital malformations, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
		Number								
755.0	Polydactyly									
	1996	66	53	31	8	15	1	7	1	182
	1997	76	67	25	10	20	-	4	-	202
	1991-97	516	401	207	65	112	10	26	5	1,342
755.1	Syndactyly									
	1996	8	34	12	3	7	-	1	1	66
	1997	14	16	12	3	7	1	3	-	56
	1991-97	133	151	98	22	61	6	8	1	480
755.2-4	Limb reduction									
	1996	31	36	15	15	11	-	2	1	111
	1997	41	28	23	10	8	1	1	1	113
	1991-97	289	209	164	62	79	13	9	11	836
756.00	Craniosynostosis									
	1996	6	16	3	1	1	-	-	1	28
	1997	12	22	6	1	3	-	-	-	44
	1991-97	105	114	24	6	19	-	-	1	269
756.4	Chondrodystrophy									
	1996	12	8	6	1	1	2	-	-	30
	1997	10	7	5	2	3	-	2	-	29
	1991-97	63	41	32	16	13	3	6	2	176
756.5	Osteodystrophies									
	1996	4	9	-	1	-	-	1	-	15
	1997	7	10	1	2	-	1	1	-	22
	1991-97	30	59	14	8	6	4	4	-	125
756.61	Diaphragmatic hernia									
	1996	22	23	14	11	5	1	-	-	76
	1997	20	15	13	4	5	-	1	-	58
	1991-97	142	154	108	47	33	14	6	-	504
756.70	Exomphalos									
	1996	18	10	10	1	1	-	1	1	42
	1997	9	17	7	5	2	-	1	-	41
	1991-97	97	86	55	32	25	5	5	2	307
756.71	Gastroschisis									
	1996	12	16	12	9	6	1	-	-	56
	1997	20	23	16	5	2	2	-	-	68
	1991-97	99	86	85	43	24	8	6	1	352

**Table 6: Selected congenital malformations, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
		Number								
758.0	Trisomy 21 (Down)									
	1996	135	54	75	22	16	2	9	1	314
	1997	140	72	62	17	27	4	6	4	332
	1991-97	910	564	441	177	148	48	50	20	2,358
758.1	Trisomy 13 (Patau)									
	1996	9	9	1	1	3	1	1	-	25
	1997	9	7	4	1	2	-	1	-	24
	1991-97	59	46	27	16	14	8	7	1	178
758.2	Trisomy 18 (Edwards)									
	1996	20	20	6	8	2	-	1	-	57
	1997	23	13	9	9	3	-	1	1	59
	1991-97	187	115	68	38	24	6	7	8	453
758.6	Tumer syndrome									
	1996	14	4	6	1	3	-	-	-	28
	1997	10	7	3	1	3	1	-	1	26
	1991-97	95	55	32	15	14	3	1	2	217
758.3-5, 758.7-9	Other chromosomal									
	1996	57	60	26	12	6	1	1	1	164
	1997	48	49	18	9	9	1	1	1	136
	1991-97	378	324	131	70	69	21	14	4	1,011

**Table 7: Selected congenital malformation rates, by State or Territory of birth, 1991-1997**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
		Rate per 10,000 births								
	Total									
	1996	137.0	238.3	208.4	106.3	184.2	50.1	290.3	118.5	175.9
	1997	127.3	252.5	193.0	83.2	181.5	73.4	380.4	269.6	175.2
	1991-97	143.0	229.2	194.3	109.4	187.6	96.0	222.3	141.5	174.1
740	Anencephalus									
	1996	1.4	2.2	1.7	2.0	0.5	-	-	5.8	1.6
	1997	1.0	2.2	2.1	1.2	-	-	2.1	-	1.4
	1991-97	1.3	2.0	2.3	2.6	0.5	0.4	1.8	4.4	1.8
741	Spina bifida									
	1996	2.3	4.3	4.0	0.8	2.1	2.9	6.3	5.8	3.1
	1997	3.1	4.5	4.0	2.4	1.6	1.8	2.1	2.8	3.4
	1991-97	3.7	4.5	4.5	4.8	2.4	3.0	3.0	4.8	4.0
742.0	Encephalocele									
	1996	0.7	1.0	0.4	0.8	0.5	-	2.1	2.9	0.7
	1997	0.9	1.4	0.8	0.8	0.5	-	8.4	2.8	1.1
	1991-97	0.8	1.3	0.6	1.2	0.9	0.2	2.1	1.2	0.9
742.1	Microcephalus									
	1996	1.7	1.0	2.3	1.6	0.5	-	4.2	-	1.5
	1997	1.7	1.6	0.8	2.4	1.6	-	-	2.8	1.5
	1991-97	1.6	1.8	1.4	1.6	1.1	0.2	0.9	2.4	1.5
742.3	Hydrocephalus									
	1996	2.5	5.2	3.8	2.0	-	4.4	4.2	2.9	3.3
	1997	2.4	6.7	2.9	2.0	3.2	1.8	6.3	22.5	3.9
	1991-97	2.9	5.4	3.5	2.8	2.3	3.6	5.7	6.4	3.7
745.1	Transposition of great vessels									
	1996	2.7	4.4	4.8	3.9	4.2	1.5	6.3	-	3.7
	1997	2.6	4.7	1.9	2.0	3.7	1.8	4.2	8.4	3.1
	1991-97	2.9	4.9	3.5	3.0	4.4	2.4	2.1	3.2	3.6
745.2	Tetralogy of Fallot									
	1996	2.3	2.7	1.5	0.8	2.6	4.4	4.2	8.7	2.3
	1997	1.5	3.9	1.7	1.6	1.1	1.8	2.1	2.8	2.1
	1991-97	2.1	3.3	1.6	1.5	2.0	0.9	3.3	4.4	2.3
745.4	Ventricular septal defect									
	1996	11.3	23.0	28.3	15.2	24.1	4.4	33.4	5.8	18.9
	1997	12.1	27.6	24.8	8.3	18.7	-	25.1	50.5	18.9
	1991-97	13.2	24.9	21.5	12.7	22.5	6.0	16.2	20.1	18.2
745.5	Ostium secundum atrial septal defect									
	1996	4.0	11.4	7.7	4.7	7.8	-	2.1	5.8	6.8
	1997	6.5	15.1	8.3	3.2	4.3	-	4.2	25.3	8.5
	1991-97	5.1	9.6	4.7	5.2	6.6	0.4	2.7	7.2	6.1

**Table 7: Selected congenital malformation rates, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Rate per 10,000 births										
746.00	Pulmonary valve atresia									
	1996	1.0	1.3	1.3	1.6	2.1	-	-	-	1.2
	1997	0.9	1.3	1.2	1.2	1.1	1.8	2.1	-	1.1
	1991-97	1.0	1.2	1.3	1.5	2.0	1.1	0.6	-	1.2
746.01	Pulmonary valve stenosis									
	1996	2.1	5.1	1.9	3.1	1.0	1.5	-	-	2.7
	1997	1.8	5.1	2.5	0.4	2.7	-	-	5.6	2.7
	1991-97	1.8	4.8	2.2	1.5	2.6	1.7	0.9	2.4	2.6
746.7	Hypoplastic left heart									
	1996	1.7	2.4	2.5	3.5	2.6	1.5	2.1	2.9	2.3
	1997	1.5	2.7	2.1	0.8	3.7	5.5	4.2	-	2.1
	1991-97	1.5	2.4	2.1	2.4	3.1	1.9	2.1	4.0	2.1
747.0	Patent ductus arteriosus									
	1996	7.5	14.9	4.0	7.4	4.2	1.5	18.8	2.9	8.4
	1997	7.4	14.9	4.0	4.8	3.2	-	6.3	25.3	8.1
	1991-97	8.3	12.0	3.7	6.4	4.7	1.5	6.3	5.2	7.7
747.1	Coarctation of aorta									
	1996	1.4	3.2	2.7	2.7	3.1	-	2.1	-	2.3
	1997	1.7	2.2	3.7	1.6	4.8	1.8	-	5.6	2.5
	1991-97	1.9	4.0	2.4	2.3	3.1	0.9	0.9	1.6	2.6
748.0	Choanal atresia									
	1996	1.0	1.3	0.4	0.8	0.5	-	-	-	0.9
	1997	0.8	0.6	1.0	0.8	0.5	-	-	2.8	0.8
	1991-97	0.9	1.8	0.7	0.8	0.9	0.6	0.6	0.8	1.1
749.0	Cleft palate									
	1996	6.5	7.5	7.1	9.4	7.8	-	8.4	2.9	7.0
	1997	5.7	6.1	5.8	3.6	8.6	5.5	8.4	11.2	5.9
	1991-97	6.7	6.8	5.9	5.2	6.6	4.9	6.0	6.8	6.4
749.1	Cleft lip									
	1996	4.4	2.1	2.5	2.3	3.1	2.9	4.2	-	3.1
	1997	2.7	3.2	2.9	2.0	6.4	-	4.2	-	3.0
	1991-97	3.2	3.7	3.2	2.1	4.2	2.1	3.6	0.4	3.2
749.2	Cleft palate + lip									
	1996	4.4	4.8	6.5	3.9	6.8	2.9	2.1	8.7	5.0
	1997	5.6	5.8	6.9	4.0	4.3	-	6.3	5.6	5.5
	1991-97	5.5	5.4	6.0	4.8	5.5	5.4	3.3	6.0	5.5
750.3	TOF, oesophageal atresia/stenosis									
	1996	2.1	3.8	1.7	1.6	4.7	2.9	2.1	-	2.6
	1997	1.7	5.0	1.7	1.6	2.7	1.8	-	2.8	2.5
	1991-97	2.4	3.8	2.8	2.1	4.7	3.0	0.9	1.2	2.9

**Table 7: Selected congenital malformation rates, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Rate per 10,000 births										
751.1	Small intestine atresia/stenosis									
	1996	1.4	3.2	1.3	1.6	1.0	1.5	2.1	-	1.8
	1997	1.9	3.4	2.1	2.0	2.7	-	-	5.6	2.3
	1991-97	1.8	2.4	2.4	1.9	2.9	1.1	0.9	1.2	2.1
751.2	Large intestine, rectum, anal canal atresia/stenosis									
	1996	2.8	4.3	1.7	3.1	6.3	-	4.2	5.8	3.2
	1997	2.3	5.1	2.3	0.8	2.1	-	8.4	-	2.8
	1991-97	2.7	4.4	2.7	2.8	3.9	0.6	1.8	2.8	3.2
751.3	Hirschsprung disease, etc									
	1996	0.8	1.4	1.9	0.8	0.5	-	2.1	-	1.1
	1997	0.8	1.9	0.6	0.4	-	1.8	4.2	-	1.0
	1991-97	0.8	2.2	1.0	1.1	0.9	0.4	1.8	0.4	1.2
752.60, 752.63-5	Hypospadias									
	1996	17.1	34.2	27.7	16.0	27.7	2.9	20.9	14.4	23.6
	1997	14.0	30.0	27.7	9.9	22.5	5.5	20.9	22.5	20.7
	1991-97	18.8	29.7	23.1	16.0	24.7	10.3	24.6	8.8	22.2
752.7	Indeterminate sex, etc									
	1996	1.6	1.6	1.3	2.7	2.1	1.5	-	-	1.6
	1997	1.1	2.1	0.8	1.2	1.1	-	2.1	2.8	1.3
	1991-97	1.2	2.4	1.4	1.9	1.1	0.9	0.3	2.0	1.6
753.0	Renal agenesis/dysgenesis									
	1996	3.0	6.7	4.2	2.3	5.2	1.5	2.1	5.8	4.2
	1997	3.3	3.9	3.3	2.0	4.3	3.7	-	16.8	3.5
	1991-97	2.5	4.6	4.1	2.2	4.7	1.9	2.1	5.6	3.5
753.1	Cystic kidney disease									
	1996	2.4	5.7	4.4	2.0	2.6	2.9	6.3	2.9	3.7
	1997	2.5	5.5	3.5	2.8	3.7	3.7	2.1	5.6	3.6
	1991-97	2.4	4.2	3.4	2.8	4.1	2.6	2.1	6.4	3.3
753.2	Obstructive defects renal pelvis/ureter									
	1996	8.6	21.8	11.5	3.5	16.2	-	23.0	5.8	12.4
	1997	6.1	26.0	9.2	2.4	10.2	1.8	20.9	16.8	11.8
	1991-97	6.8	17.6	8.3	3.4	11.5	1.9	16.5	9.2	9.8
754.30	Dislocation of hip									
	1996	8.7	26.8	30.0	7.4	22.0	-	41.8	8.7	18.4
	1997	7.6	23.8	30.2	8.3	23.6	-	37.6	16.8	17.5
	1991-97	9.7	25.4	38.0	7.6	27.9	4.3	18.3	16.9	20.0



**Table 7: Selected congenital malformation rates, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Rate per 10,000 births										
755.0	Polydactyly									
	1996	7.6	8.4	6.5	3.1	7.8	1.5	14.6	2.9	7.1
	1997	8.6	10.8	5.2	4.0	10.7	-	8.4	-	7.9
	1991-97	8.4	8.9	6.2	3.7	8.2	2.1	7.8	2.0	7.4
755.1	Syndactyly									
	1996	0.9	5.4	2.5	1.2	3.7	-	2.1	2.9	2.6
	1997	1.6	2.6	2.5	1.2	3.7	1.8	6.3	-	2.2
	1991-97	2.2	3.4	3.0	1.2	4.5	1.3	2.4	0.4	2.6
755.2-4	Limb reduction									
	1996	3.6	5.7	3.1	5.9	5.8	-	4.2	2.9	4.3
	1997	4.7	4.5	4.8	4.0	4.3	1.8	2.1	2.8	4.4
	1991-97	4.7	4.6	4.9	3.5	5.8	2.8	2.7	4.4	4.6
756.00	Craniosynostosis									
	1996	0.7	2.5	0.6	0.4	0.5	-	-	2.9	1.1
	1997	1.4	3.5	1.2	0.4	1.6	-	-	-	1.7
	1991-97	1.7	2.5	0.7	0.3	1.4	-	-	0.4	1.5
756.4	Chondrodystrophy									
	1996	1.4	1.3	1.3	0.4	0.5	2.9	-	-	1.2
	1997	1.1	1.1	1.0	0.8	1.6	-	4.2	-	1.1
	1991-97	1.0	0.9	1.0	0.9	0.9	0.6	1.8	0.8	1.0
756.5	Osteodystrophies									
	1996	0.5	1.4	-	0.4	-	-	2.1	-	0.6
	1997	0.8	1.6	0.2	0.8	-	1.8	2.1	-	0.9
	1991-97	0.5	1.3	0.4	0.5	0.4	0.9	1.2	-	0.7
756.61	Diaphragmatic hernia									
	1996	2.5	3.7	2.9	4.3	2.6	1.5	-	-	3.0
	1997	2.3	2.4	2.7	1.6	2.7	-	2.1	-	2.3
	1991-97	2.3	3.4	3.3	2.6	2.4	3.0	1.8	-	2.8
756.70	Exomphalos									
	1996	2.1	1.6	2.1	0.4	0.5	-	2.1	2.9	1.6
	1997	1.0	2.7	1.5	2.0	1.1	-	2.1	-	1.6
	1991-97	1.6	1.9	1.7	1.8	1.8	1.1	1.5	0.8	1.7
756.71	Gastroschisis									
	1996	1.4	2.5	2.5	3.5	3.1	1.5	-	-	2.2
	1997	2.3	3.7	3.3	2.0	1.1	3.7	-	-	2.7
	1991-97	1.6	1.9	2.6	2.4	1.8	1.7	1.8	0.4	1.9

**Table 7: Selected congenital malformation rates, by State or Territory of birth, 1991-1997 (cont.)**

Codes	Malformations	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Rate per 10,000 births										
758.0	Trisomy 21 (Down)									
	1996	15.6	8.6	15.6	8.6	8.4	2.9	18.8	2.9	12.2
	1997	15.9	11.6	12.9	6.7	14.5	7.3	12.5	11.2	13.0
	1991-97	14.8	12.5	13.3	10.0	10.8	10.3	15.0	8.0	13.0
758.1	Trisomy 13 (Patau)									
	1996	1.0	1.4	0.2	0.4	1.6	1.5	2.1	-	1.0
	1997	1.0	1.1	0.8	0.4	1.1	-	2.1	-	0.9
	1991-97	1.0	1.0	0.8	0.9	1.0	1.7	2.1	0.4	1.0
758.2	Trisomy 18 (Edwards)									
	1996	2.3	3.2	1.3	3.1	1.0	-	2.1	-	2.2
	1997	2.6	2.1	1.9	3.6	1.6	-	2.1	2.8	2.3
	1991-97	3.0	2.6	2.1	2.1	1.8	1.3	2.1	3.2	2.5
758.6	Turner syndrome									
	1996	1.6	0.6	1.3	0.4	1.6	-	-	-	1.1
	1997	1.1	1.1	0.6	0.4	1.6	1.8	-	2.8	1.0
	1991-97	1.5	1.2	1.0	0.8	1.0	0.6	0.3	0.8	1.2
758.3-5, 758.7-9	Other chromosomal									
	1996	6.6	9.5	5.4	4.7	3.1	1.5	2.1	2.9	6.4
	1997	5.4	7.9	3.7	3.6	4.8	1.8	2.1	2.8	5.3
	1991-97	6.2	7.2	4.0	3.9	5.0	4.5	4.2	1.6	5.6

**Table 8: Live births, stillbirths and total births, States and Territories, 1981-1997**

Year		NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
1981	Live births	47,362	-	38,834	-	19,351	7,188	-	-	112,735
	Stillbirths	353	-	253	-	129	44	-	-	779
	Total births	47,715*	-	39,087	-	19,480	7,232	-	-	113,514
1982	Live births	83,489	59,983	40,540	22,236	19,294	7,002	4,479	-	237,023
	Stillbirths	600	490	225	146	121	48	31	-	1,661
	Total births	84,089	60,473	40,765	22,382	19,415	7,050	4,510	-	238,684
1983	Live births	82,739	60,123	42,000	23,046	19,901	7,028	4,622	-	239,459
	Stillbirths	526	439	262	150	115	49	30	-	1,571
	Total births	83,265	60,562	42,262	23,196	20,016	7,077	4,652	-	241,030
1984	Live births	81,792	59,763	40,356	21,601	20,149	7,098	4,590	-	235,349
	Stillbirths	545	422	245	142	131	45	24	-	1,554
	Total births	82,337	60,185	40,601	21,743	20,280	7,143	4,614	-	236,903
1985	Live births	82,780	61,726	40,275	23,066	19,889	7,213	4,619	-	239,568
	Stillbirths	477	396	251	142	143	52	30	-	1,491
	Total births	83,257	62,122	40,526	23,208	20,032	7,265	4,649	-	241,059
1986	Live births	84,009	60,387	40,166	24,175	19,826	6,911	4,627	3,307	243,408
	Stillbirths	530	403	252	146	125	66	28	35	1,585
	Total births	84,539	60,790	40,418	24,321	19,951	6,977	4,655	3,342	244,993
1987	Live births	85,650	61,642	39,100	23,271	19,345	6,752	4,680	3,519	243,959
	Stillbirths	497	363	231	142	92	29	32	46	1,432
	Total births	86,147	62,005	39,331	23,413	19,437	6,781	4,712	3,565	245,391
1988	Live births	84,268	62,347	40,240	25,123	19,231	6,745	4,817	3,422	246,193
	Stillbirths	523	360	235	120	111	55	36	33	1,473
	Total births	84,791	62,707	40,475	25,243	19,342	6,800	4,853	3,455	247,666
1989	Live births	85,464	64,185	41,714	25,019	19,703	6,788	4,614	3,366	250,853
	Stillbirths	465	411	220	112	132	34	32	45	1,451
	Total births	85,929	64,596	41,934	25,131	19,835	6,822	4,646	3,411	252,304
1990	Live births	90,260	67,158	44,533	25,322	19,981	7,001	4,859	3,534	262,648
	Stillbirths	574	404	245	132	119	45	39	32	1,590
	Total births	90,834	67,562	44,778	25,454	20,100	7,046	4,898	3,566	264,238
1991	Live births	86,220	64,660	44,460	24,815	19,622	6,902	4,490	3,459	254,628
	Stillbirths	692	529	327	192	127	55	41	43	2,006
	Total births	86,912	65,189	44,787	25,007	19,749	6,957	4,531	3,502	256,634
1992	Live births	88,401	65,853	46,307	25,159	20,004	6,975	4,678	3,582	260,959
	Stillbirths	572	447	305	165	148	51	33	46	1,767
	Total births	88,973	66,300	46,612	25,324	20,152	7,026	4,711	3,628	262,726
1993	Live births	87,362	64,323	47,156	25,160	19,844	6,809	4,754	3,505	258,913
	Stillbirths	536	414	292	176	123	47	37	40	1,665
	Total births	87,898	64,737	47,448	25,336	19,967	6,856	4,791	3,545	260,578
1994	Live births	87,488	64,448	47,716	25,237	19,673	6,790	4,747	3,490	259,589
	Stillbirths	496	484	330	188	128	46	36	37	1,745
	Total births	87,984	64,932	48,046	25,425	19,801	6,836	4,783	3,527	261,334
1995	Live births	86,870	63,245	48,172	25,257	19,472	6,734	4,853	3,618	258,221
	Stillbirths	521	470	363	191	148	47	46	37	1,823
	Total births	87,391	63,715	48,535	25,448	19,620	6,781	4,899	3,655	260,044
1996	Live births	85,884	62,484	47,625	25,383	18,979	6,734	4,751	3,434	255,274
	Stillbirths	545	467	362	201	132	47	37	27	1,818
	Total births	86,429	62,951	47,987	25,584	19,111	6,781	4,788	3,461	257,092
1997	Live births	87,546	61,867	47,685	25,085	18,535	5,402	4,743	3,527	254,390
	Stillbirths	587	440	353	168	139	45	42	34	1,808
	Total births	88,133	62,307	48,038	25,253	18,674	5,447	4,785	3,561	256,198
1981-1997	Live births	1,417,584	1,004,194	736,879	388,955	332,799	116,072	74,923	41,763	4,113,169
	Stillbirths	9,039	6,939	4,751	2,513	2,163	805	554	455	27,219
	Total births	1,426,623	1,011,133	741,630	391,468	334,962	116,877	75,477	42,218	4,140,388

\* Data for NSW were incomplete as some hospitals did not report births in 1981

Note: Sources of data: 1981-1990 from ABS; 1991-1997 from AIHW National Perinatal Statistics Unit