

**TABLE 7.01 BIRTHS, QUEENSLAND, 1998
SEX BY OUTCOME**

Sex	Outcome					
	Livebirth		Stillbirth		Total	
	No.	%	No.	%	No.	%
Male	24,481	51.2	178	52.2	24,659	51.2
Female	23,339	48.8	154	45.2	23,493	48.8
Indeterminate	2	0.0	9	2.6	11	0.0
Total	47,822	100.0	341	100.0	48,163	100.0

TABLE 7.02a

LIVEBIRTHS, QUEENSLAND, 1998
APGAR SCORE AT 1 MINUTE AND 5 MINUTES

Apgar score	Livebirths			
	1 minute		5 minutes	
	No.	%	No.	%
0	21	0.0	24	0.1
1 - 3	1,101	2.3	150	0.3
4 - 7	8,348	17.5	1,223	2.6
8 - 10	38,312	80.1	46,390	97.0
Not stated	40	0.1	35	0.1
Total	47,822	100.0	47,822	100.0

**TABLE 7.02b LIVEBIRTHS, QUEENSLAND, 1998
APGAR SCORE AT 1 MINUTE BY APGAR SCORE AT 5 MINUTES**

Apgar score at 1 minute	Apgar score at 5 minutes							
	0-3		4-7		8-10		Total ^(a)	
	No.	%	No.	%	No.	%	No.	%
0 - 3	140	80.5	494	40.4	488	1.1	1,122	2.3
4 - 7	20	11.5	676	55.3	7,651	16.5	8,348	17.5
8 - 10	14	8.0	53	4.3	38,244	82.4	38,312	80.1
Not stated	-	-	-	-	7	0.0	40	0.1
Total	174	100.0	1,223	100.0	46,390	100.0	47,822	100.0

(a) Includes babies with a not stated apgar score at 5 minutes.

TABLE 7.03 LIVEBIRTHS, QUEENSLAND, 1998
USE OF RESUSCITATION

Resuscitation used	Livebirths	
	No.	%
None	15,226	31.8
Routine suction only	15,399	32.2
At least one method other than routine suction	17,195	36.0
Not stated	2	0.0
Total	47,822	100.0

TABLE 7.04 LIVEBIRTHS, QUEENSLAND, 1998
RESUSCITATION OTHER THAN ROUTINE SUCTION

Resuscitation used ^(a)	Livebirths	
	No.	%
Facial oxygen	12,630	26.4
Bag and mask	3,927	8.2
Aspiration of meconium	3,700	7.7
Suction of meconium via endotracheal tube	434	0.9
Narcotic antagonist injection	870	1.8
Intermittent positive pressure ventilation	619	1.3
Adrenalin/sodium bicarbonate/calcium	29	0.1
External cardiac massage	111	0.2
Other drugs	6	0.0
Other stimulation	304	0.6
Total livebirths	47,822	

(a) Reporting of multiple methods of resuscitation was permitted for each delivery, so numbers cannot be cumulated.

TABLE 7.05

BIRTHS, QUEENSLAND, 1998 - BIRTHWEIGHT BY INDIGENOUS STATUS OF MOTHER

Birthweight (grams)	Indigenous status of mother									
	Aboriginal		Torres Strait Islander		Aboriginal and Torres Strait Islander		Neither Aboriginal nor Torres Strait Islander		Total ^(a)	
	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 500	11	0.5	4	0.8	-	-	139	0.3	154	0.3
500 - 749	14	0.7	4	0.8	1	1.1	116	0.3	135	0.3
750 - 999	9	0.4	3	0.6	2	2.1	135	0.3	149	0.3
1,000 - 1,249	15	0.7	2	0.4	1	1.1	131	0.3	149	0.3
1,250 - 1,499	4	0.2	3	0.6	1	1.1	137	0.3	145	0.3
1,500 - 1,749	22	1.0	5	0.9	2	2.1	236	0.5	265	0.6
1,750 - 1,999	36	1.7	3	0.6	-	-	356	0.8	396	0.8
2,000 - 2,249	55	2.6	13	2.5	1	1.1	581	1.3	650	1.3
2,250 - 2,499	81	3.8	17	3.2	4	4.3	1,147	2.5	1,249	2.6
2,500 - 2,999	454	21.3	80	15.1	13	13.8	6,341	14.0	6,888	14.3
3,000 - 3,499	762	35.7	181	34.2	36	38.3	15,822	34.9	16,802	34.9
3,500 - 3,999	494	23.1	153	28.9	23	24.5	14,478	31.9	15,149	31.5
4,000 - 4,499	148	6.9	51	9.6	9	9.6	4,914	10.8	5,124	10.6
4,500 and over	29	1.4	10	1.9	1	1.1	862	1.9	902	1.9
Not stated	-	-	-	-	-	-	5	0.0	6	0.0
Total	2,134	100.0	529	100.0	94	100.0	45,400	100.0	48,163	100.0

(a) Includes not stated indigenous status of mother.

TABLE 7.06 BIRTHS, QUEENSLAND, 1998 - GESTATION BY INDIGENOUS STATUS OF MOTHER

Gestation (weeks)	Indigenous status of mother									
	Aboriginal		Torres Strait Islander		Aboriginal and Torres Strait Islander		Neither Aboriginal nor Torres Strait Islander		Total ^(a)	
	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 22	7	0.3	4	0.8	-	-	67	0.1	78	0.2
22 - 24	16	0.7	4	0.8	1	1.1	145	0.3	166	0.3
25 - 27	11	0.5	5	0.9	2	2.1	148	0.3	166	0.3
28 - 31	28	1.3	6	1.1	2	2.1	377	0.8	413	0.9
32 - 36	203	9.5	38	7.2	5	5.3	2,728	6.0	2,975	6.2
37 - 41	1,829	85.7	450	85.1	83	88.3	40,991	90.3	43,358	90.0
42 and over	39	1.8	22	4.2	1	1.1	941	2.1	1,003	2.1
Not stated	1	0.0	-	-	-	-	3	0.0	4	0.0
	2,134	100.0	529	100.0	94	100.0	45,400	100.0	48,163	100.0

(a) Includes not stated indigenous status of mother.

TABLE 7.07

SINGLETON BIRTHS, QUEENSLAND, 1998 - BIRTHWEIGHT BY GESTATION

Birthweight (grams)	Gestation (weeks)														Total ^(a)	
	Less than 22		22-24		25-27		28-31		32-36		37-41		42 and over		No.	%
Less than 500	No. 66	% 93.0	No. 54	% 37.5	No. 4	% 3.3	No. 5	% 1.6	No. -	% -	No. -	% -	No. -	% -	130	0.3
500 - 749	3	4.2	74	51.4	27	22.5	9	3.0	2	0.1	-	-	-	-	115	0.2
750 - 999	1	1.4	14	9.7	61	50.8	26	8.5	-	-	-	-	-	-	102	0.2
1,000 - 1,249	-	-	2	1.4	25	20.8	61	20.0	16	0.7	1	0.0	-	-	105	0.2
1,250 - 1,499	-	-	-	-	2	1.7	70	23.0	23	0.9	2	0.0	-	-	97	0.2
1,500 - 1,749	-	-	-	-	-	-	78	25.6	108	4.4	11	0.0	-	-	197	0.4
1,750 - 1,999	-	-	-	-	1	0.8	41	13.4	206	8.5	38	0.1	1	0.1	287	0.6
2,000 - 2,249	-	-	-	-	-	-	11	3.6	330	13.6	164	0.4	1	0.1	506	1.1
2,250 - 2,499	-	-	-	-	-	-	2	0.7	490	20.1	533	1.2	1	0.1	1,026	2.2
2,500 - 2,999	-	-	-	-	-	-	2	0.7	875	36.0	5,523	12.9	44	4.4	6,445	13.8
3,000 - 3,499	-	-	-	-	-	-	-	-	305	12.5	16,064	37.6	231	23.0	16,600	35.5
3,500 - 3,999	-	-	-	-	-	-	-	-	66	2.7	14,638	34.3	417	41.6	15,122	32.3
4,000 - 4,499	-	-	-	-	-	-	-	-	8	0.3	4,873	11.4	241	24.0	5,123	11.0
4,500 and over	-	-	-	-	-	-	-	-	3	0.1	832	1.9	67	6.7	902	1.9
Not stated	1	1.4	-	-	-	-	-	-	1	0.0	4	0.0	-	-	6	0.0
Total	71	100.0	144	100.0	120	100.0	305	100.0	2,433	100.0	42,683	100.0	1,003	100.0	46,763	100.0

(a) Includes babies with a not stated gestation.

TABLE 7.08 MULTIPLE BIRTHS, QUEENSLAND, 1998 - BIRTHWEIGHT BY GESTATION

Birthweight (grams)	Gestation (weeks)															
	Less than 22		22-24		25-27		28-31		32-36		37-41		42 and over		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 500	7	100.0	11	50.0	2	4.3	3	2.8	-	-	1	0.1	-	-	24	1.7
500 - 749	-	-	9	40.9	6	13.0	5	4.6	-	-	-	-	-	-	20	1.4
750 - 999	-	-	2	9.1	28	60.9	15	13.9	2	0.4	-	-	-	-	47	3.4
1,000 - 1,249	-	-	-	-	8	17.4	34	31.5	2	0.4	-	-	-	-	44	3.1
1,250 - 1,499	-	-	-	-	2	4.3	31	28.7	13	2.4	2	0.3	-	-	48	3.4
1,500 - 1,749	-	-	-	-	-	-	19	17.6	47	8.7	2	0.3	-	-	68	4.9
1,750 - 1,999	-	-	-	-	-	-	1	0.9	97	17.9	11	1.6	-	-	109	7.8
2,000 - 2,249	-	-	-	-	-	-	-	-	109	20.1	35	5.2	-	-	144	10.3
2,250 - 2,499	-	-	-	-	-	-	-	-	139	25.6	84	12.4	-	-	223	15.9
2,500 - 2,999	-	-	-	-	-	-	-	-	113	20.8	330	48.9	-	-	443	31.6
3,000 - 3,499	-	-	-	-	-	-	-	-	20	3.7	182	27.0	-	-	202	14.4
3,500 - 3,999	-	-	-	-	-	-	-	-	-	-	27	4.0	-	-	27	1.9
4,000 - 4,499	-	-	-	-	-	-	-	-	-	-	1	0.1	-	-	1	0.1
Total	7	100.0	22	100.0	46	100.0	108	100.0	542	100.0	675	100.0	-	-	1,400	100.0

TABLE 7.09r

LIVEBIRTHS, QUEENSLAND, 1998 - NEONATAL TREATMENT BY GESTATION

Neonatal treatment ^(a)	Gestation (weeks)									
	Less than 28		28 - 36		37 - 41		42 or more		Total ^(b)	
	No.	%	No.	%	No.	%	No.	%	No.	%
No neonatal treatment	54	23.6	989	30.0	38,588	89.1	895	89.5	40,529	84.7
Neonatal treatment	175	76.4	2,312	70.0	4,698	10.9	105	10.5	7,291	15.2
<i>Oxygen > 4 hours</i>	162	92.6	1,252	54.2	1,308	27.8	31	29.5	2,754	37.8
<i>Phototherapy</i>	119	68.0	1,092	47.2	1,387	29.5	14	13.3	2,612	35.8
<i>Intramuscular/Intravenous antibiotics</i>	152	86.9	958	41.4	1,219	25.9	56	53.3	2,385	32.7
<i>Intravenous fluid</i>	168	96.0	1,289	55.8	1,006	21.4	30	28.6	2,493	34.2
<i>Mechanical ventilation</i>	163	93.1	444	19.2	157	3.3	1	1.0	765	10.5
<i>Other</i>	67	38.3	722	31.2	1,644	35.0	28	26.7	2,461	33.8
Not stated	-	-	-	-	2	0.0	-	-	2	0.0
Total	229	100.0	3,301	100.0	43,288	100.0	1,000	100.0	47,822	100.0

(a) Reporting of multiple methods of neonatal treatment was permitted for each delivery, so numbers cannot be cumulated.

(b) Includes babies of unknown gestation.

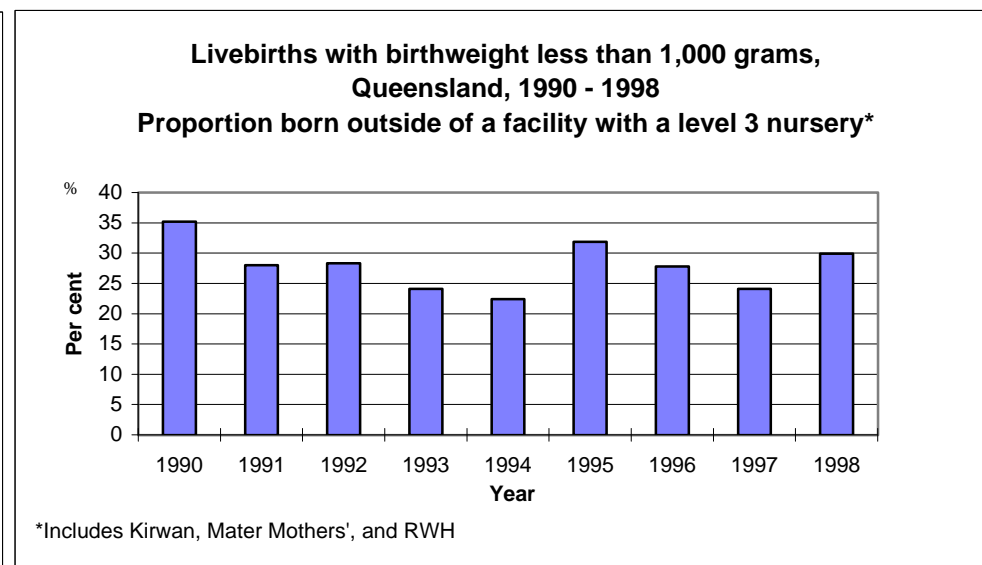
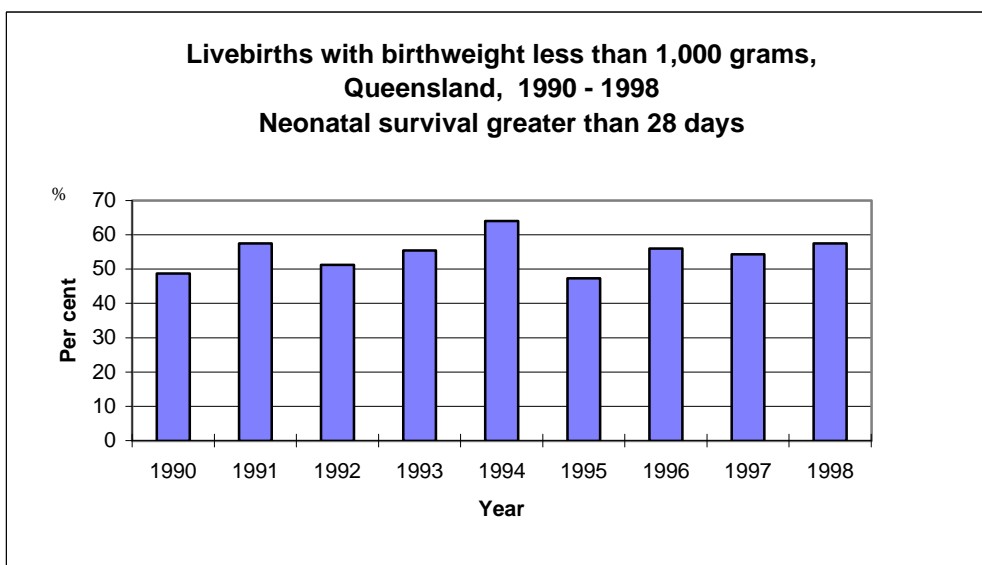
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Of the 47,822 livebirths in 1998, 7,291 (15.2 per cent) were reported to have at least one neonatal treatment. There were 54 infants of less than 28 weeks gestation with no neonatal treatment reported. Of these infants 96.3 per cent were early neonatal deaths. The reporting of neonatal treatments administered after discharge or transfer is outside the scope of the collection and is not included.

**TABLE 7.10 LIVEBIRTHS, QUEENSLAND, 1998
NEONATAL SURVIVAL BY BIRTHWEIGHT**

Age (days)	Birthweight (grams)											
	Less than 1,000		1,000-1,499		1,500-2,499		2,500-4,499		4,500 and over		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
0	70	28.6	5	1.9	15	0.6	15	0.0	1	0.1	107	0.2
1	6	2.4	-	-	3	0.1	13	0.0	-	-	22	0.0
2	2	0.8	-	-	1	0.0	-	-	-	-	3	0.0
3	3	1.2	1	0.4	1	0.0	2	0.0	-	-	7	0.0
4	2	0.8	-	-	1	0.0	3	0.0	-	-	6	0.0
5	-	-	-	-	1	0.0	4	0.0	-	-	5	0.0
6	3	1.2	1	0.4	1	0.0	3	0.0	-	-	8	0.0
7	-	-	-	-	1	0.0	3	0.0	-	-	4	0.0
8 - 14	7	2.9	4	1.5	4	0.2	8	0.0	-	-	23	0.0
15 - 21	5	2.0	1	0.4	3	0.1	2	0.0	-	-	11	0.0
22 - 28	6	2.4	1	0.4	2	0.1	3	0.0	-	-	12	0.0
Over 28	141	57.6	255	95.1	2,482	98.7	43,833	99.9	899	99.9	47,614	99.6
Total	245	100.0	268	100.0	2,515	100.0	43,889	100.0	900	100.0	47,822	100.0

(a) Includes babies with a not stated gestation.



The proportion of all livebirths less than 1,000 grams and born outside of a tertiary nursery increased in 1998, whilst the proportion surviving to 28 days increased. The congenital malformation rate for these babies was higher in 1998 than in 1997. The proportion of livebirths weighing less than 750g was lower in 1998.

**TABLE 7.11 LIVEBIRTHS, QUEENSLAND, 1998
SELECTED CONDITION CAUSING NEONATAL MORBIDITY**

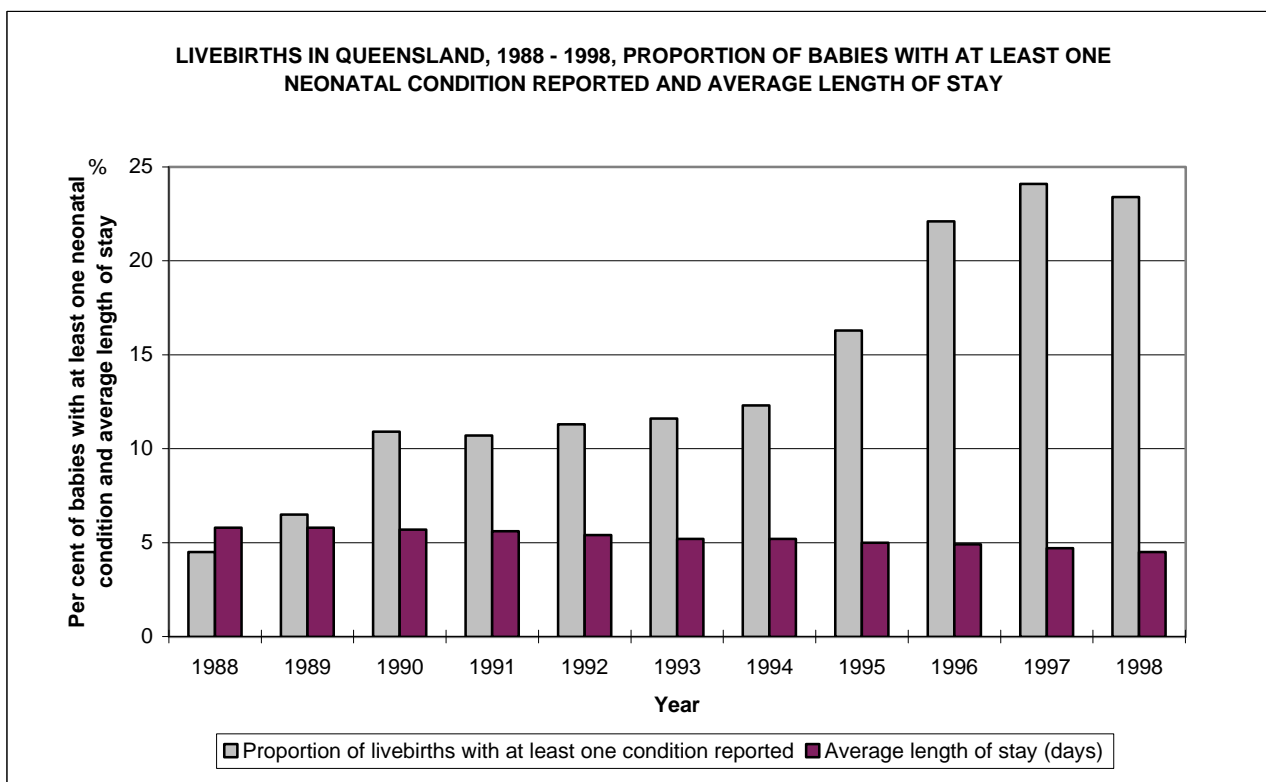
Condition ^(a)	Livebirths	
	No.	%
Disorders relating to short gestation and low birthweight	6,346	13.3
Other respiratory conditions (excluding respiratory distress syndrome)	2,541	5.3
Perinatal jaundice requiring phototherapy (excluding jaundice due to isoimmunization)	2,251	4.7
Respiratory distress syndrome	576	1.2
Neonatal hypoglycaemia	519	1.1
Slow fetal growth and fetal malnutrition	430	0.9
Intrauterine hypoxia and birth asphyxia	103	0.2
Haemolytic disease due to isoimmunization	271	0.6
Birth trauma	140	0.3
Disorders of conjunctiva	162	0.3
Total livebirths	47,822	

(a) Reporting of multiple conditions was permitted for each baby, so numbers cannot be cumulated.

(b) Excludes jaundice without phototherapy treatment and babies with both hypoglycemia and syndrome of 'infant of a diabetic mother'.

Neonatal morbidity^(b) was reported for 11,257 (23.4 per cent) of all livebirths. Details of neonatal morbidity for babies who were transferred may not be complete as information for these babies is captured at the facility of birth.

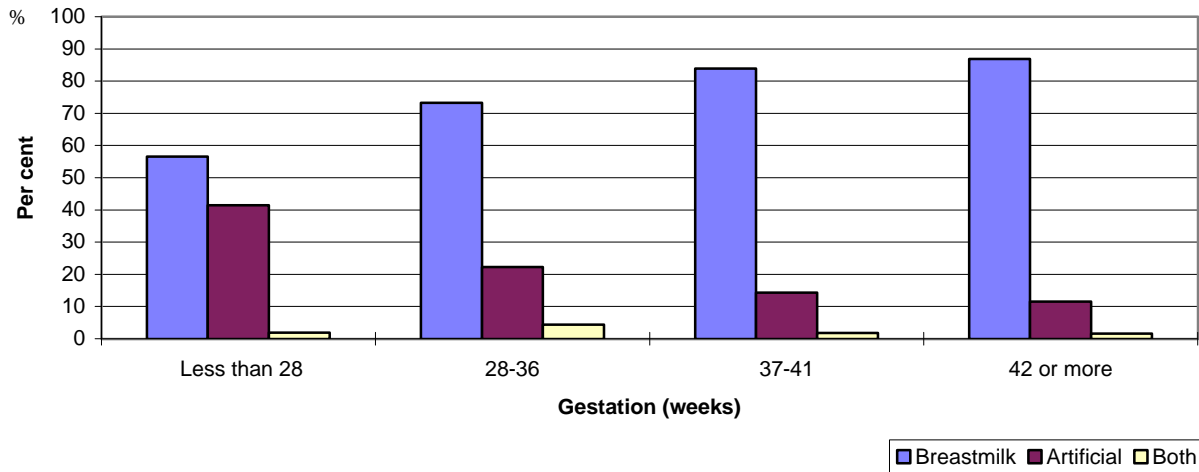
The scope of the Queensland Perinatal Data Collection ceases at the point of formal separation - that is discharge, transfer, or death. The average length of stay has continued to reduce and the proportion of livebirths with at least one neonatal condition has decreased in 1998.



**TABLE 7.12 LIVEBIRTHS DISCHARGED HOME, QUEENSLAND, 1998
METHOD OF INFANT FEEDING BY AGE OF MOTHER**

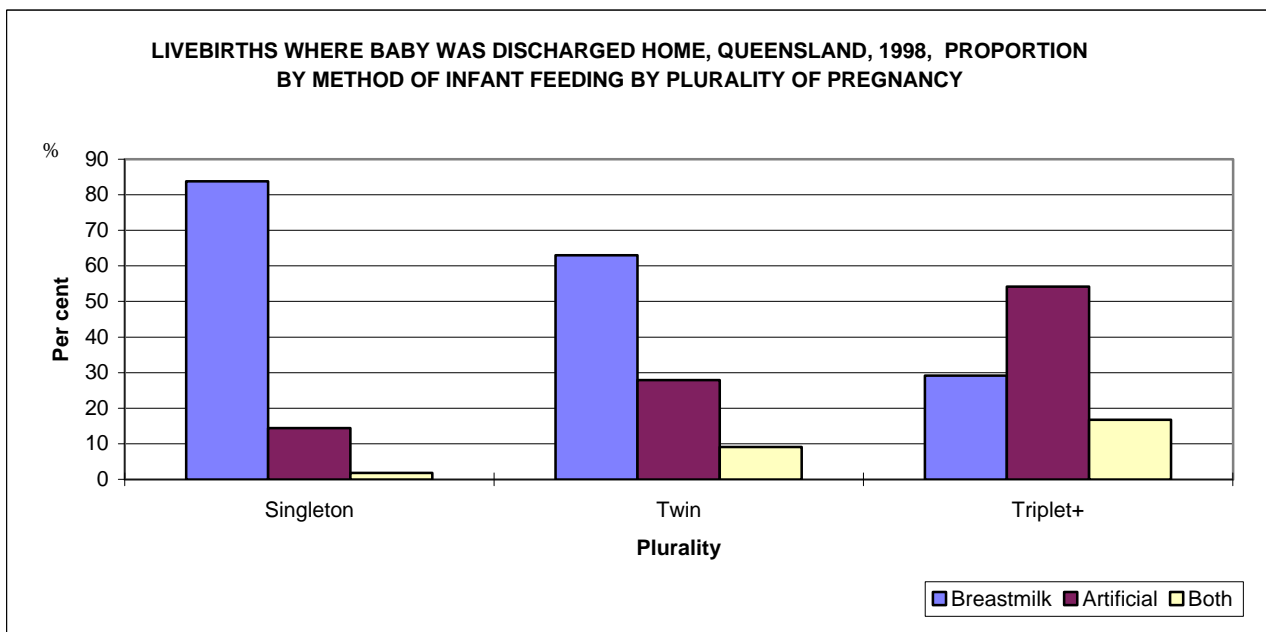
Feeding Method	Age of mother (years)							
	Under 20		20 - 34		35 and over		Total	
	No.	%	No.	%	No.	%	No.	%
Breastmilk	2,208	75.7	30,630	83.5	5,418	85.8	38,256	83.3
Artificial	682	23.4	5,372	14.6	719	11.4	6,773	14.7
Both	28	1.0	699	1.9	176	2.8	903	2.0
Total	2,918	100.0	36,701	100.0	6,313	100.0	45,932	100.0

**LIVEBIRTHS WHERE BABY WAS DISCHARGED HOME, QUEENSLAND, 1998, PROPORTION
BY METHOD OF INFANT FEEDING BY GESTATION**



**TABLE 7.13 LIVEBIRTHS DISCHARGED HOME, QUEENSLAND, 1998
METHOD OF INFANT FEEDING BY ACCOMMODATION STATUS OF MOTHER**

Feeding Method	Accommodation status of mother							
	Public		Private shared		Private		Total	
	No.	%	No.	%	No.	%	No.	%
Breastmilk	25,110	80.9	1,267	87.6	11,879	88.4	38,256	83.3
Artificial	5,330	17.2	150	10.4	1,293	9.6	6,773	14.7
Both	606	2.0	30	2.1	267	2.0	903	2.0
Total	31,046	100.0	1,447	100.0	13,439	100.0	45,932	100.0



**TABLE 7.14 LIVEBIRTHS DISCHARGED HOME, QUEENSLAND, 1998
METHOD OF INFANT FEEDING BY NUMBER OF PREVIOUS DELIVERIES OF MOTHER**

Feeding Method	Number of previous deliveries							
	0		1 - 4		5 or more		Total ^(a)	
	No.	%	No.	%	No.	%	No.	%
Breastmilk	15,342	85.6	22,277	82.1	636	74.0	38,256	83.3
Artificial	2,148	12.0	4,426	16.3	198	23.0	6,773	14.7
Both	439	2.4	438	1.6	26	3.0	903	2.0
Total	17,929	100.0	27,141	100.0	860	100.0	45,932	100.0

(a) Includes not stated number of previous deliveries of mother.

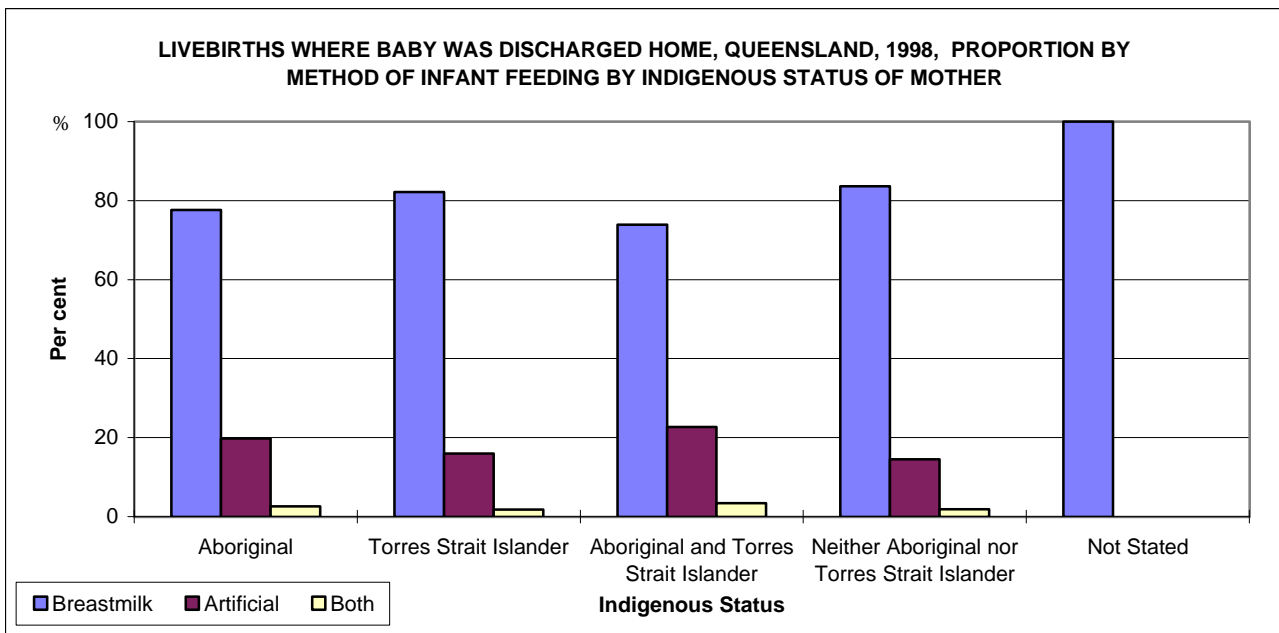


TABLE 7.15 BIRTHS, QUEENSLAND, 1998
SELECTED CONGENITAL ANOMALIES, NUMBERS AND RATES

Selected congenital anomalies ^(a) (ICD code) ^(b)	No.	Rate ^(c)
Anencephalus and similar anomalies (740)	14	0.3
Spina Bifida (741)	18	0.4
Other congenital anomalies of nervous system (742)	28	0.6
Congenital anomalies of eye (743)	22	0.5
Congenital anomalies of ear, face and neck (744)	105	2.2
Bulbus cordis anomalies and anomalies of cardiac septal closure (745)	279	5.8
<i>Ventricular septal defect (7454)</i>	136	2.8
Other congenital anomalies of heart (746)	62	1.3
Other congenital anomalies of circulatory system (747)	316	6.6
Congenital anomalies of respiratory system (748)	57	1.2
Cleft palate and cleft lip (749)	77	1.6
<i>Cleft Palate (7490)</i>	38	0.8
<i>Cleft lip (7491)</i>	19	0.4
<i>Cleft palate with cleft lip (7492)</i>	22	0.5
Other congenital anomalies of upper alimentary tract (750)	35	0.7
Other congenital anomalies of digestive system (751)	56	1.2
Congenital anomalies of genital organs (752)	264	5.5
<i>Undescended testes (7525)</i>	102	2.1
<i>Hypospadias and epispadias (7526)</i>	135	2.8
Congenital anomalies of urinary system (753)	116	2.4
<i>Renal agenesis and dysgenesis (75300-75301)</i>	20	0.4
Obstructive defects of renal pelvis and ureter (7532)	65	1.3
Certain congenital musculoskeletal deformities (754)	576	12.0
<i>Congenital dislocation of hip, unilateral (75430)</i>	168	3.5
<i>Congenital dislocation of hip, bilateral (75431)</i>	84	1.7
<i>Congenital subluxation of hip, unilateral (75432)</i>	73	1.5
Talipes (7545-7547)	244	5.1
Other congenital anomalies of limbs (755)	153	3.2
<i>Polydactyly (7550)</i>	39	0.8
<i>Syndactyly (7551)</i>	48	1.0
Other congenital musculoskeletal anomalies (756)	82	1.7
<i>Anomalies of skull and face bones (7560)</i>	21	0.4
<i>Diaphragmatic hernia (75661)</i>	20	0.4
<i>Gastroschisis (75671)</i>	14	0.3
Congenital anomalies of the integument (757)	112	2.3
Chromosomal anomalies (758)	85	1.8
Down syndrome (7580)	48	1.0
Other and unspecified congenital anomalies (759)	25	0.5
Not stated	1	0.0
Births with at least one anomaly	2,007	41.7
All births	48,163	

(a) Reporting of multiple anomalies was permitted for each birth, so numbers cannot be cumulated.

(b) The ICD-9 Perinatal Supplement (British Paediatric Association Classification of Diseases) was used for coding the congenital anomalies.

(c) Per 1,000 births.