

**TABLE 6.01****MOTHERS DELIVERING IN QUEENSLAND, 2001  
ONSET OF LABOUR BY PLURALITY OF PREGNANCY**

Onset of labour	Plurality of pregnancy					
	Singleton		Multiple		Total	
	No.	%	No.	%	No.	%
Spontaneous - not augmented	15,493	32.2	207	27.5	15,700	32.1
Spontaneous - augmented	12,574	26.1	84	11.2	12,658	25.9
Induced	12,596	26.2	156	20.7	12,752	26.1
No labour	7,493	15.6	305	40.6	7,798	15.9
<b>Total</b>	<b>48,156</b>	<b>100.0</b>	<b>752</b>	<b>100.0</b>	<b>48,908</b>	<b>100.0</b>

TABLE 6.02

**MOTHERS DELIVERING IN QUEENSLAND, 2001**  
**ONSET OF LABOUR BY AGE OF MOTHER**

Onset of labour	Age of mother							
	Under 20		20 - 34		35 and over		Total	
	No.	%	No.	%	No.	%	No.	%
Spontaneous - not augmented	1,113	35.2	12,336	32.2	2,251	30.2	15,700	32.1
Spontaneous - augmented	1,162	36.8	10,070	26.3	1,426	19.1	12,658	25.9
Induced	728	23.1	10,190	26.6	1,834	24.6	12,752	26.1
No labour	155	4.9	5,707	14.9	1,936	26.0	7,798	15.9
<b>Total</b>	<b>3,158</b>	<b>100.0</b>	<b>38,303</b>	<b>100.0</b>	<b>7,447</b>	<b>100.0</b>	<b>48,908</b>	<b>100.0</b>

**TABLE 6.03      MOTHERS WITH INDUCED LABOURS, QUEENSLAND, 2001**  
**SELECTED REASON FOR INDUCTION**

Reason for induction	Mothers with induced labour	
	No.	%
Prolonged pregnancy	4,758	37.3
Hypertension complicating pregnancy (incl. pre-eclampsia and eclampsia)	1,680	13.2
Premature rupture of membranes <sup>(a)</sup>	1,678	13.2
Psychosocial circumstances	1,413	11.1
Poor fetal growth	515	4.0
Diabetes complicating pregnancy	452	3.5
Previous poor obstetric history	232	1.8
Excessive fetal growth	227	1.8
Other fetal problems (includes decreased fetal movements)	144	1.1
Intrauterine fetal death	127	1.0
Spurious/false labour	107	0.8
Twin pregnancy	82	0.6
Rhesus and other isoimmunisation	51	0.4
Fetal distress	40	0.3
Infection of amniotic sac and membranes	12	0.1
Other reasons	1,234	9.7
<b>Total</b>	<b>12,752</b>	<b>100.0</b>

(a) Where the membranes rupture prior to the onset of labour regardless of gestation.

**TABLE 6.04 BIRTHS, QUEENSLAND, 2001  
PRESENTATION BY PLURALITY OF PREGNANCY**

Presentation	Plurality of pregnancy					
	Singleton		Multiple		Total	
	No.	%	No.	%	No.	%
Vertex	45,744	95.0	994	64.8	46,738	94.1
Face	39	0.1	2	0.1	41	0.1
Brow	35	0.1	4	0.3	39	0.1
Breech <sup>(a)</sup>	1,989	4.1	475	31.0	2,464	5.0
Other	343	0.7	56	3.7	399	0.8
Not stated	6	0.0	3	0.2	9	0.0
<b>Total</b>	<b>48,156</b>	<b>100.0</b>	<b>1,534</b>	<b>100.0</b>	<b>49,690</b>	<b>100.0</b>

(a) Breech deliveries in which forceps were applied to the after-coming head were included in the 'breech' classification and not classified as 'forceps' deliveries.

**TABLE 6.05****BIRTHS, QUEENSLAND, 2001****METHOD OF DELIVERY BY PLURALITY OF PREGNANCY**

Method of delivery	Plurality of pregnancy					
	Singleton		Multiple		Total	
	No.	%	No.	%	No.	%
Spontaneous vertex	31,075	64.5	362	23.6	31,437	63.3
Forceps	1,475	3.1	54	3.5	1,529	3.1
Vacuum extraction	2,466	5.1	49	3.2	2,515	5.1
LSCS	12,819	26.6	949	61.9	13,768	27.7
Classical CS	97	0.2	14	0.9	111	0.2
Breech	170	0.4	99	6.5	269	0.5
Other	54	0.1	7	0.5	61	0.1
<b>Total</b>	<b>48,156</b>	<b>100.0</b>	<b>1,534</b>	<b>100.0</b>	<b>49,690</b>	<b>100.0</b>

**TABLE 6.06 BIRTHS, QUEENSLAND, 2001  
METHOD OF DELIVERY BY AGE OF MOTHER**

Method of delivery	Age of mother (years)							
	Under 20		20 - 34		35 and over		Total	
	No.	%	No.	%	No.	%	No.	%
Spontaneous vertex	2,471	77.8	24,973	64.2	3,993	52.3	31,437	63.3
Forceps	96	3.0	1,182	3.0	251	3.3	1,529	3.1
Vacuum extraction	132	4.2	2,028	5.2	355	4.6	2,515	5.1
LSCS	439	13.8	10,364	26.7	2,965	38.8	13,768	27.7
Classical CS	8	0.3	80	0.2	23	0.3	111	0.2
Breech	23	0.7	201	0.5	45	0.6	269	0.5
Other	7	0.2	47	0.1	7	0.1	61	0.1
<b>Total</b>	<b>3,176</b>	<b>100.0</b>	<b>38,875</b>	<b>100.0</b>	<b>7,639</b>	<b>100.0</b>	<b>49,690</b>	<b>100.0</b>

**TABLE 6.07 BIRTHS, QUEENSLAND, 2001 - METHOD OF DELIVERY BY PRESENTATION**

Method of delivery	Presentation											
	Vertex		Face		Brow		Breech		Other		Total <sup>(a)</sup>	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Singleton</b>												
Spontaneous vertex	31,032	67.8	-	-	1	2.9	-	-	40	11.7	31,075	64.5
Forceps	1,453	3.2	-	-	2	5.7	1	0.1	19	5.5	1,475	3.1
Vacuum extraction	2,436	5.3	-	-	4	11.4	-	-	26	7.6	2,466	5.1
LSCS	10,758	23.5	26	66.7	26	74.3	1,787	89.8	219	63.8	12,819	26.6
Classical CS	52	0.1	-	-	-	-	29	1.5	15	4.4	97	0.2
Breech	-	-	-	-	-	-	170	8.5	-	-	170	0.4
Other	13	0.0	13	33.3	2	5.7	2	0.1	24	7.0	54	0.1
<b>Total</b>	<b>45,744</b>	<b>100.0</b>	<b>39</b>	<b>100.0</b>	<b>35</b>	<b>100.0</b>	<b>1,989</b>	<b>100.0</b>	<b>343</b>	<b>100.0</b>	<b>48,156</b>	<b>100.0</b>
<b>Multiple</b>												
Spontaneous vertex	356	35.8	-	-	2	50.0	-	-	1	1.8	362	23.6
Forceps	53	5.3	-	-	-	-	-	-	1	1.8	54	3.5
Vacuum extraction	48	4.8	-	-	-	-	-	-	1	1.8	49	3.2
LSCS	529	53.2	-	-	2	50.0	373	78.5	45	80.4	949	61.9
Classical CS	7	0.7	-	-	-	-	3	0.6	4	7.1	14	0.9
Breech	-	-	-	-	-	-	99	20.8	-	-	99	6.5
Other	1	0.1	2	100.0	-	-	-	-	4	7.1	7	0.5
<b>Total</b>	<b>994</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>475</b>	<b>100.0</b>	<b>56</b>	<b>100.0</b>	<b>1,534</b>	<b>100.0</b>
<b>Total births</b>	<b>46,738</b>		<b>41</b>		<b>39</b>		<b>2,464</b>		<b>399</b>		<b>49,690</b>	

(a) Includes births with a not stated presentation.

**TABLE 6.08 MOTHERS DELIVERING BY PRIMARY CAESAREAN SECTION, QUEENSLAND, 2001  
LABOUR STATUS BY REASON OF CAESAREAN**

Reason for Caesarean Section	Labour status					
	No labour		Labour		Total	
	No.	%	No.	%	No.	%
Uterine inertia (inc failure to progress)	-	-	1,621	34.9	1,621	19.6
Fetal distress and/or meconium liquor	145	4.0	1,296	27.9	1,441	17.5
Breech	1,013	28.0	363	7.8	1,376	16.7
Unspecified psychosocial circumstances	558	15.4	87	1.9	645	7.8
Hypertension complicating pregnancy, includes pre-eclampsia & eclampsia	346	9.6	44	0.9	390	4.7
Cephalopelvic disproportion	136	3.8	236	5.1	372	4.5
Placenta praevia with or without haemorrhage, abruptio placentae and other antepartum haemorrhage	275	7.6	85	1.8	360	4.4
Failed medical and/or surgical induction of labour	58	1.6	117	2.5	175	2.1
Multiple pregnancy	122	3.4	43	0.9	165	2.0
Previous poor obstetric history	129	3.6	18	0.4	147	1.8
Poor fetal growth	80	2.2	6	0.1	86	1.0
Other	755	20.9	724	15.6	1,479	17.9
<b>Total</b>	<b>3,617</b>	<b>100.0</b>	<b>4,640</b>	<b>100.0</b>	<b>8,257</b>	<b>100.0</b>

TABLE 6.09

**BIRTHS, QUEENSLAND, 2001**  
**ONSET OF LABOUR BY METHOD OF DELIVERY**

Onset of labour	Method of delivery									
	Spontaneous Vertex		Forceps/ Vacuum		Caesarean Section		Other		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
Spontaneous - not augmented	12,821	40.8	866	21.4	2,048	14.8	155	47.0	15,890	32.0
Spontaneous - augmented	9,573	30.5	1,647	40.7	1,484	10.7	66	20.0	12,770	25.7
Induced	9,043	28.8	1,531	37.9	2,226	16.0	108	32.7	12,908	26.0
No labour	-	-	-	-	8,121	58.5	1	0.3	8,122	16.3
<b>Total</b>	<b>31,437</b>	<b>100.0</b>	<b>4,044</b>	<b>100.0</b>	<b>13,879</b>	<b>100.0</b>	<b>330</b>	<b>100.0</b>	<b>49,690</b>	<b>100.0</b>

**TABLE 6.10 TERM <sup>(a)</sup>, SINGLETON BIRTHS WITH A VERTEX PRESENTATION TO PRIMIPAROUS MOTHERS  
AGED BETWEEN 20 AND 34 IN PUBLIC ACCOMMODATION, QUEENSLAND, 2001,  
ONSET OF LABOUR BY METHOD OF DELIVERY**

Onset of labour	Method of delivery									
	Spontaneous Vertex		Forceps/ Vacuum		Caesarean Section		Other		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
Spontaneous - not augmented	2,031	38.3	247	21.1	205	13.2	-	-	2,483	30.9
Spontaneous - augmented	1,866	35.1	537	45.8	517	33.3	1	100.0	2,921	36.4
Induced	1,412	26.6	388	33.1	631	40.7	-	-	2,431	30.3
No labour	-	-	-	-	199	12.8	-	-	199	2.5
<b>Total</b>	<b>5,309</b>	<b>100.0</b>	<b>1,172</b>	<b>100.0</b>	<b>1,552</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>8,034</b>	<b>100.0</b>

(a) Includes babies born between 37 and 41 completed gestational weeks.

**TABLE 6.11 MOTHERS WITH A PREVIOUS CAESAREAN SECTION OR OTHER UTERINE SURGERY, QUEENSLAND, 2001**  
**METHOD OF DELIVERY BY ONSET OF LABOUR<sup>(a)</sup>**

Onset of labour	Method of delivery									
	Spontaneous Vertex		Forceps/ Vacuum		Caesarean Section		Other		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
Spontaneous - not augmented	546	41.4	60	34.3	648	12.7	7	50.0	1,261	19.0
Spontaneous - augmented	481	36.4	77	44.0	162	3.2	4	28.6	724	10.9
Induced	293	22.2	38	21.7	129	2.5	3	21.4	463	7.0
No labour	-	-	-	-	4,180	81.7	-	-	4,180	63.1
<b>Total</b>	<b>1,320</b>	<b>100.0</b>	<b>175</b>	<b>100.0</b>	<b>5,119</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>6,628</b>	<b>100.0</b>

(a) In the case of multiple births data from the first birth are used.

**TABLE 6.12 MOTHERS DELIVERING IN QUEENSLAND, 2001  
SELECTED LABOUR AND DELIVERY COMPLICATIONS**

Complication <sup>(a)</sup>	Mothers	
	No.	%
Labour < 4 hours / precipitate delivery	11,911	24.4
Fetal distress and/or meconium liquor	9,954	20.4
Uterine inertia (inc failure to progress)	3,788	7.7
Prolonged second stage	2,508	5.1
Cord entanglement with compression	1,783	3.6
Primary post-partum haemorrhage	1,657	3.4
Previous uterine scar	1,470	3.0
Obstructed labour	1,007	2.1
Breech presentation	880	1.8
Retained placenta or membranes	493	1.0
Maternal distress	79	0.2
Other	21,900	44.8
<b>Total mothers</b>	<b>48,908</b>	

(a) Reporting of multiple complications was permitted, so numbers cannot be cumulated.

**TABLE 6.13 BABIES BORN AFTER A PERIOD OF LABOUR, QUEENSLAND, 2001  
METHOD OF DELIVERY BY SELECTED LABOUR AND DELIVERY COMPLICATIONS**

Selected complication <sup>(a)</sup>	Method of delivery									
	Spontaneous		Forceps/ Vacuum		Caesarean		Other		Total	
	Vertex				Section					
	No.	%	No.	%	No.	%	No.	%	No.	%
Perineal and other genital tract trauma	14,019	44.6	1,946	48.1	15	0.3	69	21.0	16,049	38.6
Fetal distress and/or meconium liquor	5,391	17.1	1,826	45.2	2,393	41.6	46	14.0	9,656	23.2
Uterine inertia (inc failure to progress)	158	0.5	1,056	26.1	2,600	45.2	2	0.6	3,816	9.2
Long labour	850	2.7	1,902	47.0	489	8.5	11	3.3	3,252	7.8
Primary post-partum haemorrhage	1,176	3.7	208	5.1	137	2.4	20	6.1	1,541	3.7
Obstructed labour	397	1.3	261	6.5	357	6.2	3	0.9	1,018	2.4
<b>Total babies born after a period of labour</b>	<b>31,437</b>		<b>4,044</b>		<b>5,758</b>		<b>329</b>		<b>41,568</b>	

(a) Reporting of multiple conditions permitted, so numbers cannot be cumulated.

**TABLE 6.14      MOTHERS DELIVERING IN QUEENSLAND, 2001  
SELECTED PROCEDURES AND OPERATIONS PERFORMED  
DURING PREGNANCY, LABOUR AND THE PUERPERIUM**

Procedures and Operations <sup>(a)</sup>	Mothers	
	No.	%
Obstetric ultrasound	48,291	98.7
Monitoring of fetal heart during labour	22,896	46.8
Amniocentesis	1,854	3.8
Removal of retained placenta	806	1.6
Administration of blood and gamma globulin	236	0.5
Chorionic villus sampling <sup>(b)</sup>	181	0.4
Manipulation of fetal position and presentation	125	0.3
Encirclement suture of cervix	106	0.2
Postpartum evacuation of uterus by dilation and curettage	68	0.1
Female sterilisation	58	0.1
Pelvimetry	6	0.0
Other	1,295	2.6
<b>Total mothers</b>	<b>48,908</b>	

(a) Reporting of multiple procedures was permitted so numbers cannot be cumulated.

(b) May also include other diagnostic procedures on fetus.

**TABLE 6.15 MOTHERS DELIVERING IN QUEENSLAND, 2001  
SELECTED PUERPERIUM COMPLICATIONS**

Complication <sup>(a)</sup>	Mothers	
	No.	%
Disorders of the breast and/or lactation (excluding infection)	1,097	2.2
Anaemia	603	1.2
Complications of obstetrical surgical wounds	278	0.6
Puerperial pyrexia	270	0.6
Hypertension complicating the puerperium	232	0.5
Post-partum haemorrhage	184	0.4
Venous complications	158	0.3
Infection of genitourinary tract	142	0.3
Spinal and epidural anaesthesia induced headache during the puerpeium	62	0.1
Infection of breast	56	0.1
Other	774	1.6
<b>Total mothers</b>	<b>48,908</b>	

(a) Reporting of multiple complications was permitted so numbers cannot be cumulated.

**TABLE 6.16 MOTHERS DELIVERING VAGINALLY, QUEENSLAND, 2001  
GENITAL TRACT<sup>(a)</sup> TRAUMA BY SURGICAL REPAIR**

Genital tract trauma <sup>(c) (d)</sup>	Surgical repair <sup>(b)</sup>					
	Yes		No		Total	
	No.	%	No.	%	No.	%
Nil	7	0.0	12,989	71.5	12,996	36.6
Vaginal tear with intact perineum	411	2.4	130	0.7	541	1.5
Graze only <sup>(f)</sup>	123	0.7	1,982	10.9	2,105	5.9
1st degree laceration only	4,400	25.4	2,898	16.0	7,298	20.6
2nd degree laceration only	6,627	38.2	150	0.8	6,777	19.1
3rd degree laceration only	296	1.7	1	0.0	297	0.8
4th degree laceration only	45	0.3	-	-	45	0.1
Episiotomy only	3,916	22.6	6	0.0	3,922	11.0
Episiotomy and laceration <sup>(e)</sup>	1,522	8.8	6	0.0	1,528	4.3
<b>Total</b>	<b>17,347</b>	<b>100.0</b>	<b>18,162</b>	<b>100.0</b>	<b>35,509</b>	<b>100.0</b>

(a) Lower than but not including the cervix.

(b) Includes surgical repair to the lower genital tract including the cervix.

(c) In the case of multiple births, details of first birth are used.

(d) In the case of multiple types of perineal trauma, the highest degree of trauma is used.

(e) May include labial and perineal grazes.

**TABLE 6.17 MOTHERS DELIVERING VAGINALLY, QUEENSLAND, 2001  
EPISIOTOMY BY SURGICAL REPAIR**

Episiotomy <sup>(b)</sup>	Surgical repair <sup>(a)</sup>					
	Yes		No		Total	
	No.	%	No.	%	No.	%
Nil	11,909	68.7	18,150	99.9	30,059	84.7
Episiotomy only	3,916	22.6	6	0.0	3,922	11.0
Episiotomy and laceration <sup>(c)</sup>	1,522	8.8	6	0.0	1,528	4.3
<b>Total</b>	<b>17,347</b>	<b>100.0</b>	<b>18,162</b>	<b>100.0</b>	<b>35,509</b>	<b>100.0</b>

(a) Includes surgical repair to the lower genital tract including the cervix.

(b) In the case of multiple births, details of first birth are used.

(c) May include labial and perineal grazes.

**TABLE 6.18 MOTHERS AGED BETWEEN 20 AND 34 IN PUBLIC ACCOMMODATION WITH A SPONTANEOUS VERTEX DELIVERY OF A SINGLETON, TERM<sup>(a)</sup> BABY, QUEENSLAND, 2001, GENITAL TRACT<sup>(b)</sup> TRAUMA BY ACCOUCHEUR**

Genital tract trauma <sup>(c) (d)</sup>	Accoucheur												Total <sup>(e)</sup>	
	Other													
	Obstetrician		Medical officer		Midwife		Student midwife		Medical student		Other		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Primiparous mothers</b>														
Nil	10	12.7	44	12.9	872	21.0	114	19.5	19	13.3	3	33.3	1,062	20.0
Vaginal tear with intact perineum	2	2.5	17	5.0	147	3.5	17	2.9	3	2.1	1	11.1	187	3.5
Graze only <sup>(f)</sup>	3	3.8	13	3.8	345	8.3	53	9.1	13	9.1	1	11.1	428	8.1
1st degree laceration only	5	6.3	45	13.2	909	21.9	133	22.8	36	25.2	1	11.1	1,129	21.3
2nd degree laceration only	28	35.4	83	24.3	1,281	30.9	188	32.2	54	37.8	2	22.2	1,636	30.8
3rd degree laceration only	2	2.5	5	1.5	71	1.7	19	3.3	2	1.4	1	11.1	100	1.9
4th degree laceration only	-	-	-	-	14	0.3	2	0.3	1	0.7	-	-	17	0.3
Episiotomy only	23	29.1	103	30.1	381	9.2	41	7.0	12	8.4	-	-	560	10.5
Episiotomy and laceration <sup>(f)</sup>	6	7.6	32	9.4	132	3.2	17	2.9	3	2.1	-	-	190	3.6
<b>Total</b>	<b>79</b>	<b>100.0</b>	<b>342</b>	<b>100.0</b>	<b>4,152</b>	<b>100.0</b>	<b>584</b>	<b>100.0</b>	<b>143</b>	<b>100.0</b>	<b>9</b>	<b>100.0</b>	<b>5,309</b>	<b>100.0</b>
<b>Multiparous mothers</b>														
Nil	62	48.1	262	49.6	4,946	53.4	643	49.5	163	44.5	80	60.6	6,157	52.5
Vaginal tear with intact perineum	-	-	5	0.9	86	0.9	13	1.0	4	1.1	2	1.5	110	0.9
Graze only <sup>(f)</sup>	8	6.2	26	4.9	706	7.6	124	9.5	36	9.8	7	5.3	907	7.7
1st degree laceration only	24	18.6	109	20.6	1,783	19.2	267	20.5	75	20.5	27	20.5	2,285	19.5
2nd degree laceration only	17	13.2	75	14.2	1,386	15.0	209	16.1	70	19.1	16	12.1	1,773	15.1
3rd degree laceration only	2	1.6	3	0.6	40	0.4	10	0.8	3	0.8	-	-	58	0.5
4th degree laceration only	-	-	2	0.4	6	0.1	-	-	-	-	-	-	8	0.1
Episiotomy only	8	6.2	34	6.4	242	2.6	19	1.5	10	2.7	-	-	313	2.7
Episiotomy and laceration <sup>(f)</sup>	8	6.2	12	2.3	68	0.7	15	1.2	5	1.4	-	-	108	0.9
<b>Total</b>	<b>129</b>	<b>100.0</b>	<b>528</b>	<b>100.0</b>	<b>9,263</b>	<b>100.0</b>	<b>1,300</b>	<b>100.0</b>	<b>366</b>	<b>100.0</b>	<b>132</b>	<b>100.0</b>	<b>11,719</b>	<b>100.0</b>

(a) Includes babies born between 37 and 41 completed gestational weeks.

(b) Lower than but not including the cervix.

(c) In the case of multiple births, details of first birth are used.

(d) In the case of multiple types of perineal trauma, the highest degree of trauma is used.

(e) Includes mothers with a not stated accoucheur.

(f) May include labial and perineal graze.