

5. AREA HEALTH SERVICES

Information on the health of Aboriginal and Torres Strait Islander mothers, and mothers born in non-English speaking countries is shown in Chapters 6 and 7 respectively.

Confinements

The largest numbers of confinements in 2003 were among mothers resident in the Sydney South West (19,485, 22.9 per cent), followed by Sydney West (15,942, 18.7 per cent) and South Eastern Sydney & Illawarra (13,898, 16.3 per cent) Areas (Table 22).

Maternal age

The proportion of women giving birth at less than 20 years of age varied from 1.6 per cent in the Northern Sydney & Central Coast Area to 8.5 per cent in the Greater Western Area, while the proportion of mothers giving birth at 35 years of age or more ranged from 12.7 per cent in the Greater Western Area to 28.4 per cent in the Northern Sydney & Central Coast Area (Table 22).

Maternal country of birth

Seventy-nine per cent of women who gave birth in NSW in 2003 were born in English speaking countries, 10.9 per cent were born in Asian countries, and 4.6 per cent were born in the Middle East or Africa (Table 23).

The highest proportions of mothers born in non-English speaking countries were in the Sydney South West and Sydney West Areas. In Sydney South West, the majority of mothers born in non-English speaking countries were born in South East Asia and the Middle East, Europe and Africa. In Sydney West, the most common maternal countries of birth were the Middle East, Europe and Africa, and South East Asian countries.

Maternal Aboriginality

In 2003, 2.5 per cent of mothers were reported to be Aboriginal or Torres Strait Islander (Table 24). The proportion of Aboriginal or Torres Strait Islander mothers varied from 0.6 per cent in the Northern Sydney & Central Coast Area to 12.6 per cent in the Greater Western Area.

TABLE 22

CONFINEMENTS BY MATERNAL AGE AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Maternal age (years)																TOTAL	
	12-19		20-24		25-29		30-34		35-39		40-44		45+		Not stated		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Sydney South West	643	3.3	3059	15.7	5761	29.6	6261	32.1	3077	15.8	662	3.4	18	0.1	4	0.0	19485	100.0
Northern Sydney & Central Coast	212	1.6	999	7.6	2820	21.5	5379	40.9	3118	23.7	584	4.4	30	0.2	0	0.0	13142	100.0
Sydney West	640	4.0	2594	16.3	5035	31.6	5074	31.8	2142	13.4	441	2.8	16	0.1	0	0.0	15942	100.0
Hunter & New England	584	6.0	1865	19.2	2947	30.4	2955	30.5	1122	11.6	215	2.2	6	0.1	0	0.0	9694	100.0
South Eastern Sydney & Illawarra	355	2.6	1451	10.4	3690	26.6	5190	37.3	2650	19.1	529	3.8	29	0.2	4	0.0	13898	100.0
North Coast	322	7.0	909	19.8	1365	29.8	1302	28.4	555	12.1	130	2.8	4	0.1	0	0.0	4587	100.0
Greater Western	333	8.5	823	21.1	1169	30.0	1080	27.7	394	10.1	97	2.5	2	0.1	0	0.0	3898	100.0
Greater Southern	263	6.9	731	19.1	1178	30.7	1130	29.5	439	11.5	85	2.2	8	0.2	0	0.0	3834	100.0
Other/Not stated	34	6.2	98	17.8	173	31.3	151	27.4	85	15.4	9	1.6	0	0.0	2	0.4	552	100.0
TOTAL	3386	4.0	12529	14.7	24138	28.4	28522	33.5	13582	16.0	2752	3.2	113	0.1	10	0.0	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

TABLE 23
CONFINEMENTS BY MATERNAL COUNTRY OF BIRTH AND HEALTH AREA OF RESIDENCE, NSW 2003[#]

Health Area	Country of birth group																				TOTAL	
	English speaking		Central & South America		Melanesia, Southern Europe & Polynesia				Western Europe Northern Europe		Eastern & Russia, Central Asian & Baltic States		Middle East Europe, & Africa		South East Asia		North East Asia		Southern Asia			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		No.
Sydney South West	11921	61.3	295	1.5	693	3.6	451	2.3	118	0.6	121	0.6	1939	10.0	2540	13.1	858	4.4	497	2.6	19433	100.0
Northern Sydney & Central Coast	11097	84.5	97	0.7	120	0.9	98	0.7	204	1.6	75	0.6	220	1.7	386	2.9	625	4.8	211	1.6	13133	100.0
Sydney West	11430	71.8	114	0.7	489	3.1	178	1.1	79	0.5	104	0.7	1189	7.5	915	5.7	641	4.0	775	4.9	15914	100.0
Hunter & New England	9354	96.5	11	0.1	40	0.4	26	0.3	45	0.5	9	0.1	34	0.4	108	1.1	40	0.4	23	0.2	9690	100.0
South Eastern Sydney & Illawarra	11091	80.2	150	1.1	148	1.1	264	1.9	148	1.1	157	1.1	466	3.4	603	4.4	603	4.4	195	1.4	13825	100.0
North Coast	4415	96.3	11	0.2	12	0.3	9	0.2	30	0.7	4	0.1	15	0.3	58	1.3	15	0.3	15	0.3	4584	100.0
Greater Western	3811	97.8	5	0.1	5	0.1	7	0.2	12	0.3	11	0.3	3	0.1	19	0.5	16	0.4	7	0.2	3896	100.0
Greater Southern	3682	96.0	7	0.2	32	0.8	7	0.2	18	0.5	2	0.1	11	0.3	35	0.9	18	0.5	22	0.6	3834	100.0
Other/Not stated	519	94.2	2	0.4	6	1.1	0	0.0	6	1.1	3	0.5	2	0.4	9	1.6	3	0.5	1	0.2	551	100.0
TOTAL	67320	79.3	692	0.8	1545	1.8	1040	1.2	660	0.8	486	0.6	3879	4.6	4673	5.5	2819	3.3	1746	2.1	84860	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Excludes 172 mothers for which country of birth was not stated. Maternal countries of birth and country of birth groups are shown in Appendix 3.

TABLE 24
CONFINEMENTS BY MATERNAL ABORIGINALITY AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Aboriginal Torres Strait Islander		Aboriginality Non-Aboriginal Torres Strait Islander		Not stated		TOTAL	
	No.	%	No.	%	No.	%	No.	%
	Sydney South West	160	0.8	19318	99.1	7	0.0	19485
Northern Sydney & Central Coast	82	0.6	13056	99.3	4	0.0	13142	100.0
Sydney West	237	1.5	15705	98.5	0	0.0	15942	100.0
Hunter & New England	514	5.3	9178	94.7	2	0.0	9694	100.0
South Eastern Sydney & Illawarra	178	1.3	13698	98.6	22	0.2	13898	100.0
North Coast	304	6.6	4281	93.3	2	0.0	4587	100.0
Greater Western	493	12.6	3404	87.3	1	0.0	3898	100.0
Greater Southern	170	4.4	3663	95.5	1	0.0	3834	100.0
Other/Not stated	23	4.2	528	95.7	1	0.2	552	100.0
TOTAL	2161	2.5	82831	97.4	40	0.0	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Duration of pregnancy at first antenatal visit

In 2003, 86.6 per cent of mothers commenced antenatal care prior to 20 weeks gestation. This percentage varied from 79.8 per cent in the Sydney South West Area to 94.6 per cent in the Northern Sydney and Central Coast Area (Table 25).

TABLE 25

CONFINEMENTS BY DURATION OF PREGNANCY AT FIRST ANTENATAL CHECK AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Duration of pregnancy at first antenatal visit						TOTAL	
	No.	0-19 %	No.	20-plus %	No.	Not stated %	No.	%
Sydney South West	15551	79.8	3848	19.7	86	0.4	19485	100.0
Northern Sydney & Central Coast	12435	94.6	682	5.2	25	0.2	13142	100.0
Sydney West	13039	81.8	2816	17.7	87	0.5	15942	100.0
Hunter & New England	8463	87.3	1137	11.7	94	1.0	9694	100.0
South Eastern Sydney & Illawarra	12498	89.9	1317	9.5	83	0.6	13898	100.0
North Coast	4102	89.4	445	9.7	40	0.9	4587	100.0
Greater Western	3536	90.7	318	8.2	44	1.1	3898	100.0
Greater Southern	3504	91.4	312	8.1	18	0.5	3834	100.0
Other/Not stated	487	88.2	54	9.8	11	2.0	552	100.0
TOTAL	73615	86.6	10929	12.9	488	0.6	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Smoking in pregnancy

In 2003, 14.6 per cent of mothers reported smoking in the second half of pregnancy (Table 26). The lowest reported rate was among mothers resident in the Northern Sydney & Central Coast Area (8.8 per cent) and the highest rate among residents of the Greater Western Area (29.3 per cent).

TABLE 26

CONFINEMENTS BY NUMBER OF CIGARETTES SMOKED IN THE SECOND HALF OF PREGNANCY, NSW 2003

Health Area	Cigarettes smoked in the second half of pregnancy										TOTAL	
	None		1-10 per day		More than ten per day		Smoked/amount not stated		Not stated		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Sydney South West	17455	89.6	1059	5.4	905	4.6	64	0.3	2	0.0	19485	100.0
Northern Sydney & Central Coast	11986	91.2	660	5.0	461	3.5	33	0.3	2	0.0	13142	100.0
Sydney West	13631	85.5	1190	7.5	1062	6.7	59	0.4	0	0.0	15942	100.0
Hunter & New England	7518	77.6	1002	10.3	1120	11.6	53	0.5	1	0.0	9694	100.0
South Eastern Sydney & Illawarra	12455	89.6	877	6.3	511	3.7	43	0.3	12	0.1	13898	100.0
North Coast	3450	75.2	582	12.7	515	11.2	40	0.9	0	0.0	4587	100.0
Greater Western	2757	70.7	541	13.9	586	15.0	14	0.4	0	0.0	3898	100.0
Greater Southern	2905	75.8	468	12.2	451	11.8	10	0.3	0	0.0	3834	100.0
Other/Not stated	410	74.3	72	13.0	69	12.5	1	0.2	0	0.0	552	100.0
TOTAL	72567	85.3	6451	7.6	5680	6.7	317	0.4	17	0.0	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Place of birth

Ninety-six per cent of mothers chose to deliver in a hospital delivery suite in 2003, compared to 3.7 per cent who planned a birth centre birth and 0.2 per cent who planned a home birth (Table 27). Planned birth centre births were most commonly reported in the Sydney South West and South Eastern Sydney & Illawarra Areas.

Labour

In 2003, the onset of labour was spontaneous in 60.4 per cent of confinements (Table 28). Labour was induced in 24.5 per cent of confinements and no labour (elective caesarean section) was reported in 15.1 per cent. The rate of spontaneous onset of labour was highest among residents of the North Coast Area (62.8 per cent). The highest rate of induction of labour was among residents of the Hunter & New England Area (25.9 per cent).

TABLE 27

CONFINEMENTS BY PLACE OF BIRTH AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Hospital		Birth centre		Planned birth centre–hospital admission		Place of birth Planned home birth		Planned home birth–hospital admission		Born before arrival		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	Sydney South West	18530	95.1	624	3.2	229	1.2	16	0.1	5	0.0	81	0.4	19485
Northern Sydney & Central Coast	12913	98.3	105	0.8	54	0.4	19	0.1	5	0.0	46	0.4	13142	100.0
Sydney West	15161	95.1	337	2.1	352	2.2	15	0.1	1	0.0	76	0.5	15942	100.0
Hunter & New England	9054	93.4	544	5.6	50	0.5	1	0.0	2	0.0	43	0.4	9694	100.0
South Eastern Sydney & Illawarra	13076	94.1	454	3.3	299	2.2	30	0.2	3	0.0	36	0.3	13898	100.0
North Coast	4504	98.2	4	0.1	18	0.4	18	0.4	5	0.1	38	0.8	4587	100.0
Greater Western	3853	98.8	4	0.1	19	0.5	2	0.1	0	0.0	20	0.5	3898	100.0
Greater Southern	3805	99.2	3	0.1	6	0.2	5	0.1	1	0.0	14	0.4	3834	100.0
Other/Not stated	545	98.7	0	0.0	2	0.4	3	0.5	1	0.2	1	0.2	552	100.0
TOTAL	81441	95.8	2075	2.4	1029	1.2	109	0.1	23	0.0	355	0.4	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

TABLE 28

CONFINEMENTS BY onset and augmentation of labour and HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Spontaneous		Spontaneous augmented with ARM		Spontaneous augmented with oxytocics prostaglandins		No labour		Onset of labour Induced-oxytocics prostaglandins		Induced ARM only		Induced-ARM+ oxytocics prostaglandins		Induced-other#		Not stated		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	Sydney South West	9327	47.9	944	4.8	1904	9.8	2646	13.6	2075	10.6	254	1.3	2252	11.6	82	0.4	1	0.0	19485
Northern Sydney & Central Coast	5174	39.4	842	6.4	1302	9.9	2519	19.2	920	7.0	187	1.4	2164	16.5	34	0.3	0	0.0	13142	100.0
Sydney West	7526	47.2	988	6.2	1293	8.1	2151	13.5	976	6.1	168	1.1	2786	17.5	54	0.3	0	0.0	15942	100.0
Hunter & New England	4485	46.3	737	7.6	584	6.0	1381	14.2	836	8.6	219	2.3	1407	14.5	45	0.5	0	0.0	9694	100.0
South Eastern Sydney & Illawarra	5895	42.4	1032	7.4	1312	9.4	2256	16.2	1151	8.3	214	1.5	1980	14.2	57	0.4	1	0.0	13898	100.0
North Coast	1975	43.1	583	12.7	324	7.1	649	14.1	412	9.0	99	2.2	539	11.8	6	0.1	0	0.0	4587	100.0
Greater Western	1753	45.0	423	10.9	261	6.7	580	14.9	337	8.6	78	2.0	461	11.8	5	0.1	0	0.0	3898	100.0
Greater Southern	1728	45.1	384	10.0	235	6.1	555	14.5	513	13.4	99	2.6	314	8.2	6	0.2	0	0.0	3834	100.0
Other/Not stated	247	44.7	59	10.7	43	7.8	83	15.0	45	8.2	13	2.4	62	11.2	0	0.0	0	0.0	552	100.0
TOTAL	38110	44.8	5992	7.0	7258	8.5	12820	15.1	7265	8.5	1331	1.6	11965	14.1	289	0.3	2	0.0	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

May include artificial rupture of membranes.

This category includes other forms of induction such as Foley's catheter.

Delivery

Sixty-three per cent of confinements were by normal vaginal birth, 10.2 per cent were instrumental and 26.5 per cent were by caesarean section (Table 29). The highest rate of normal vaginal birth was among residents of the Greater Western Area (67.6 per cent), while the highest

rates of instrumental delivery were among residents of Northern Sydney and Central Coast Area (12.1 per cent). The caesarean section rate varied from 23.9 per cent among mothers resident in the Sydney South West Area to 32.0 per cent in the Northern Sydney & Central Coast Area.

TABLE 29

CONFINEMENTS BY type of delivery AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Normal vaginal		Forceps		Type of delivery				Elective caesarean section		Emergency caesarean section*		Not stated		TOTAL	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Sydney South West	12794	65.7	461	2.4	1482	7.6	97	0.5	2646	13.6	2002	10.3	3	0.0	19485	100.0
Northern Sydney & Central Coast	7306	55.6	454	3.5	1129	8.6	45	0.3	2519	19.2	1689	12.9	0	0.0	13142	100.0
Sydney West	10225	64.1	763	4.8	840	5.3	83	0.5	2151	13.5	1880	11.8	0	0.0	15942	100.0
Hunter & New England	6467	66.7	184	1.9	651	6.7	56	0.6	1381	14.2	955	9.9	0	0.0	9694	100.0
South Eastern Sydney & Illawarra	8147	58.6	559	4.0	1110	8.0	35	0.3	2256	16.2	1784	12.8	7	0.1	13898	100.0
North Coast	3055	66.6	135	2.9	165	3.6	21	0.5	649	14.1	562	12.3	0	0.0	4587	100.0
Greater Western	2634	67.6	107	2.7	141	3.6	17	0.4	580	14.9	419	10.7	0	0.0	3898	100.0
Greater Southern	2417	63.0	205	5.3	233	6.1	14	0.4	555	14.5	410	10.7	0	0.0	3834	100.0
Other/Not stated	379	68.7	7	1.3	37	6.7	3	0.5	83	15.0	43	7.8	0	0.0	552	100.0
TOTAL	53424	62.8	2875	3.4	5788	6.8	371	0.4	12820	15.1	9744	11.5	10	0.0	85032	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Emergency caesarean section includes caesarean sections where the onset of labour was not stated.

Birthweight

In 2003, 6.2 per cent of births were low birthweight (less than 2,500 grams). These comprised 0.7 per cent of birthweight less than 1,000 grams, 0.6 per cent in the 1,000 to 1,499 gram range, and 4.9 per cent in the 1,500 to 2,499 gram range (Table 30). Rates of low birthweight ranged from 5.3 per cent in Greater Southern Area to 7.5 per cent in the Greater Western Area.

TABLE 30

BIRTHS BY BIRTHWEIGHT AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Birthweight (grams)																				TOTAL			
	Less than 500		500-999		1000-1499		1500-1999		2000-2499		2500-2999		3000-3499		3500-3999		4000-4499		4500+			Not stated		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
Sydney South West	53	0.3	96	0.5	132	0.7	231	1.2	731	3.7	3193	16.1	7340	37.1	5849	29.6	1812	9.2	325	1.6	13	0.1	19775	100.0
Northern Sydney & Central Coast	27	0.2	43	0.3	91	0.7	151	1.1	429	3.2	1796	13.4	4711	35.2	4386	32.8	1504	11.2	234	1.7	4	0.0	13376	100.0
Sydney West	45	0.3	77	0.5	94	0.6	195	1.2	641	4.0	2428	15.0	5832	36.0	5009	30.9	1570	9.7	299	1.8	8	0.0	16198	100.0
Hunter & New England	27	0.3	64	0.6	52	0.5	151	1.5	385	3.9	1468	14.9	3284	33.3	3142	31.9	1075	10.9	210	2.1	5	0.1	9863	100.0
South Eastern Sydney & Illawarra	37	0.3	59	0.4	69	0.5	163	1.2	500	3.5	2057	14.5	5180	36.6	4461	31.5	1400	9.9	204	1.4	14	0.1	14144	100.0
North Coast	11	0.2	21	0.5	19	0.4	63	1.4	189	4.1	665	14.3	1577	33.9	1496	32.2	517	11.1	87	1.9	4	0.1	4649	100.0
Greater Western	10	0.3	19	0.5	28	0.7	52	1.3	187	4.7	590	14.9	1376	34.7	1209	30.5	427	10.8	60	1.5	2	0.1	3960	100.0
Greater Southern	10	0.3	9	0.2	11	0.3	34	0.9	141	3.6	570	14.7	1325	34.1	1255	32.3	451	11.6	80	2.1	2	0.1	3888	100.0
Other/Not stated	3	0.5	5	0.9	1	0.2	9	1.6	18	3.2	110	19.6	178	31.7	175	31.2	54	9.6	8	1.4	0	0.0	561	100.0
TOTAL	223	0.3	393	0.5	497	0.6	1049	1.2	3221	3.7	12877	14.9	30803	35.6	26982	31.2	8810	10.2	1507	1.7	52	0.1	86414	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Gestational age

The majority of births (90.5 per cent) were at term, and 2.5 per cent were post-term (42-plus weeks). The 7.0 per cent of preterm births comprised 0.7 per cent born at 20–27 weeks, 0.7 per cent at 28–31 weeks, and 5.6 per cent at 32–36 weeks. The highest rate of preterm birth was in the Greater Western Area (8.3 per cent), while the lowest was 5.7 per cent in the Greater Southern Area (Table 31).

TABLE 31

BIRTHS BY GESTATIONAL AGE AND HEALTH AREA OF RESIDENCE, NSW 2003

Health Area	Gestational age (weeks)												TOTAL	
	20–27		28–31		32–36		37–41		42+		Not stated		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Sydney South West	131	0.7	172	0.9	1035	5.2	17875	90.4	559	2.8	3	0.0	19775	100.0
Northern Sydney & Central Coast	67	0.5	107	0.8	729	5.5	12208	91.3	264	2.0	1	0.0	13376	100.0
Sydney West	116	0.7	114	0.7	873	5.4	14667	90.5	428	2.6	0	0.0	16198	100.0
Hunter & New England	88	0.9	83	0.8	632	6.4	8723	88.4	336	3.4	1	0.0	9863	100.0
South Eastern Sydney & Illawarra	95	0.7	89	0.6	758	5.4	12872	91.0	325	2.3	5	0.0	14144	100.0
North Coast	33	0.7	22	0.5	297	6.4	4224	90.9	73	1.6	0	0.0	4649	100.0
Greater Western	30	0.8	32	0.8	267	6.7	3576	90.3	55	1.4	0	0.0	3960	100.0
Greater Southern	18	0.5	20	0.5	182	4.7	3595	92.5	73	1.9	0	0.0	3888	100.0
Other/Not stated	8	1.4	0	0.0	37	6.6	501	89.3	15	2.7	0	0.0	561	100.0
TOTAL	586	0.7	639	0.7	4810	5.6	78241	90.5	2128	2.5	10	0.0	86414	100.0

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

Perinatal outcomes

The perinatal mortality rate in 2003 was 8.6 per 1,000 births. This rate includes all births and deaths of babies of at least 400 grams birthweight or at least 20 weeks gestation (Table 32). The rate varied from 6.4 per 1,000 in the Greater Southern Area to 10.4 per 1,000 in the Hunter & New England Area.

TABLE 32

PERINATAL MORTALITY BY HEALTH AREA OF RESIDENCE, NSW 2003*

Health Area	Liveborn surviving		Stillborn		Perinatal outcome Neonatal death		Not stated		Total births		Perinatal mortality rate/1,000 births
	No.	%	No.	%	No.	%	No.	%	No.	%	
	Sydney South West	19606	99.1	117	0.6	52	0.3	0	0.0	19775	
Northern Sydney & Central Coast	13283	99.3	69	0.5	24	0.2	0	0.0	13376	100.0	7.0
Sydney West	16056	99.1	106	0.7	36	0.2	0	0.0	16198	100.0	8.8
Hunter & New England	9760	99.0	70	0.7	33	0.3	0	0.0	9863	100.0	10.4
South Eastern Sydney & Illawarra	14031	99.2	67	0.5	45	0.3	1	0.0	14144	100.0	7.9
North Coast	4604	99.0	35	0.8	10	0.2	0	0.0	4649	100.0	9.7
Greater Western	3916	98.9	32	0.8	12	0.3	0	0.0	3960	100.0	11.1
Greater Southern	3863	99.4	20	0.5	5	0.1	0	0.0	3888	100.0	6.4
Other/Not stated	550	98.0	7	1.2	4	0.7	0	0.0	561	100.0	19.6
TOTAL	85669	99.1	523	0.6	221	0.3	1	0.0	86414	100.0	8.6

Source: NSW Midwives Data Collection (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

* Perinatal deaths include deaths reported to the MDC only. As the MDC form is completed at discharge or transfer of the baby, deaths occurring after this time may not be reported to the MDC.

Livebirths in statistical local areas

TABLE 33

LIVEBIRTHS BY HEALTH AREA AND STATISTICAL LOCAL AREA OF RESIDENCE, NSW 2003

Health Area/ Statistical Local Area	No.	%	Health Area/ Statistical Local Area	No.	%
Sydney South West			Barraba	20	0.2
Ashfield	499	2.5	Bingara	17	0.2
Burwood	328	1.7	Glen Innes	71	0.7
Canterbury	2113	10.7	Gunnedah	170	1.7
Concord	364	1.9	Guyra	59	0.6
Drummoyne	469	2.4	Inverell - Pt A	67	0.7
Leichhardt	994	5.1	Inverell - Pt B	119	1.2
Marrickville	1075	5.5	Manilla	37	0.4
Sth Sydney (CSAHS)	479	2.4	Moree Plains	191	2.0
Strathfield	297	1.5	Narrabri	181	1.8
Sydney (CSAHS)	128	0.7	Nundle	8	0.1
Bankstown	2784	14.2	Parry - Pt A	52	0.5
Camden	818	4.2	Parry - Pt B	122	1.2
Campbelltown	2326	11.8	Quirindi	59	0.6
Fairfield	2811	14.3	Severn	30	0.3
Liverpool	3024	15.4	Tamworth	460	4.7
Wingecarribee	513	2.6	Tenterfield	25	0.3
Wollondilly	636	3.2	Uralla	52	0.5
TOTAL	19658	100.0	Walcha	29	0.3
Northern Sydney & Central Coast			Yallaroi	33	0.3
Hornsby	1726	13.0	TOTAL	9793	100.0
Hunter's Hill	154	1.2	South Eastern Sydney & Illawarra		
Ku-ring-gai	877	6.6	Kiama	198	1.4
Lane Cove	427	3.2	Shellharbour	817	5.8
Manly	566	4.3	Shoalhaven - Pt A	368	2.6
Mosman	369	2.8	Shoalhaven - Pt B	521	3.7
North Sydney	776	5.8	Wollongong	2386	7.0
Pittwater	764	5.7	Botany	498	3.5
Ryde	1233	9.3	Hurstville	956	6.8
Warringah	1878	14.1	Kogarah	681	4.8
Willoughby	815	6.1	Randwick	1540	10.9
Gosford	1925	14.5	Rockdale	1367	9.7
Wyong	1797	13.5	Sth Sydney (SESAHS)	428	3.0
TOTAL	13307	100.0	Sutherland Shire - East	1217	8.6
Sydney West			Sutherland Shire - West	1531	10.9
Auburn	1076	6.7	Sydney - Inner	93	0.7
Baulkham Hills	1918	11.9	Sydney (SESAHS)	66	0.5
Blacktown - North	1541	9.6	Waverley	780	5.5
Blacktown - South-East	14539.0		Woollahra	626	4.4
Blacktown - South-West	168810.5		Other	3	0.0
Holroyd	1366	8.5	TOTAL	14076	100.0
Parramatta	2160	13.4	North Coast		
Blue Mountains	930	5.8	Ballina	336	7.3
Hawkesbury	963	6.0	Byron	301	6.5
Penrith	2769	17.2	Copmanhurst	42	0.9
Greater Lithgow	228	1.4	Grafton	193	4.2
TOTAL	16092	100.0	Kyogle	89	1.9
Hunter & New England			Lismore - Pt A	382	8.3
Cessnock	608	6.2	Lismore - Pt B	151	3.3
Dungog	92	0.9	Maclean	154	3.3
Lake Macquarie	2075	21.2	Pristine Waters - Nymboida	60	1.3
Maitland	808	8.3	Pristine Waters - Ulmarra	61	1.3
Merrima	17	0.2	Richmond River - Casino	139	3.0
Murrurundi	26	0.3	Richmond River - Balance	117	2.5
Muswellbrook	253	2.6	Tweed - Pt A	403	8.7
Newcastle - Inner	49	0.5	Tweed - Pt B	283	6.1
Newcastle - Remainder	176818.1		Bellingen	107	2.3
Port Stephens	712	7.3	Coff's Harbour - Pt A	500	10.8
Scone	134	1.4	Coff's Harbour - Pt B	119	2.6
Singleton	302	3.1	Hastings - Pt A	416	9.0
Gloucester	50	0.5	Hastings - Pt B	264	5.7
Greater Taree	459	4.7	Kempsey	327	7.1
Great Lakes	329	3.4	Nambucca	170	3.7
Armidale Dumaresq - City	231	2.4	TOTAL	4614	100.0
Armidale Dumaresq - Balance	78	0.8			

TABLE 33 continued
LIVEBIRTHS BY HEALTH AREA AND STATISTICAL LOCAL AREA OF RESIDENCE, NSW 2003

Health Area/ Statistical Local Area	No.	%	Health Area/ Statistical Local Area	No.	%
Greater Western			Cootamundra	81	2.1
Bogan	55	1.4	Culcairn	23	0.6
Cobar	82	2.1	Deniliquin	86	2.2
Coolah	46	1.2	Griffith	366	9.5
Coonabarabran	68	1.7	Gundagai	60	1.6
Coonamble	83	2.1	Hay	57	1.5
Dubbo - Pt A	576	14.7	Holbrook	11	0.3
Dubbo - Pt B	68	1.7	Jerilderie	9	0.2
Gilgandra	58	1.5	Junee	73	1.9
Mudgee	218	5.5	Leeton	166	4.3
Narromine	122	3.1	Lockhart	40	1.0
Warren	49	1.2	Murray	11	0.3
Wellington	105	2.7	Murrumbidgee	35	0.9
Bathurst	404	10.3	Narrandera	92	2.4
Blayney - Pt A	57	1.5	Temora	70	1.8
Blayney - Pt B	23	0.6	Tumbarumba	28	0.7
Cabonne - Pt A	15	0.4	Tumut	140	3.6
Cabonne - Pt C	89	2.3	Greater Southern		
Cowra	147	3.7	Wagga Wagga - Pt A	732	18.9
Evans - Pt A	6	0.2	Wagga Wagga - Pt B	89	2.3
Evans - Pt B	26	0.7	Wakool	9	0.2
Forbes	121	3.1	Windouran	17	0.4
Lachlan	95	2.4	Bega Valley	274	7.1
Oberon	99	2.5	Bombala	12	0.3
Orange	592	15.1	Boorowa	7	0.2
Parkes	212	5.4	Cooma-Monaro	83	2.1
Rylstone	37	0.9	Crookwell	31	0.8
Weddin	29	0.7	Eurobodalla	316	8.2
Bourke	43	1.1	Goulburn	243	6.3
Brewarrina	35	0.9	Gunning	14	0.4
Broken Hill	236	6.0	Harden	25	0.6
Central Darling	24	0.6	Mulwaree	57	1.5
Walgett	92	2.3	Queanbeyan	170	4.4
Wentworth	5	0.1	Snowy River	48	1.2
Unincorporated Far West	9	0.2	Tallaganda	11	0.3
Other	2	0.1	Yarrowlumla - Part A	35	0.9
TOTAL	3928	100.0	Yass	14	0.4
Greater Southern			Young	112	2.9
Albury	11	0.3	Other	8	0.2
Berrigan	25	0.6	TOTAL	3868	100.0
Bland	80	2.1	Other/Not stated	554	100.0
Carrathool	55	1.4			
Conargo	10	0.3	TOTAL NSW	85890	100.0
Coolamon	32	0.8			

Source: NSW Midwives Data Collection (HOIST). Centre for Epidemiology and Research, NSW Department of Health.