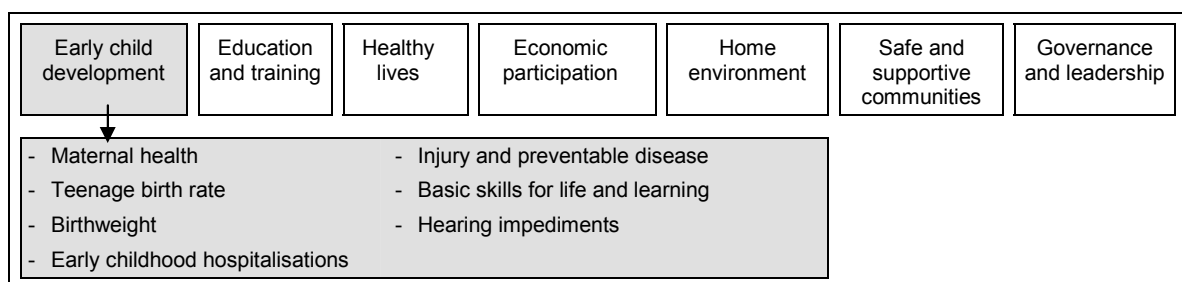


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## 5 Early child development

### Strategic areas for action



Providing children with a good start can have a long lasting effect on the rest of their lives. This early stage can open up opportunities for the future, but can also create barriers that prevent children achieving their full potential. Growing up in households with multiple disadvantage can affect children's development, health, social and cultural participation, educational attainment and employment prospects.

Many COAG targets and headline indicators reflect the importance of early child development:

- young child mortality (section 4.2)
- early childhood education (section 4.3)
- substantiated child abuse and neglect (section 4.10).

Other headline indicators are important influences on early childhood outcomes:

- household and individual income (section 4.9)
- family and community violence (section 4.11).

Outcomes in the early child development strategic area can be affected by outcomes in several other strategic areas for action:

- healthy lives (access to primary health, obesity and nutrition) (chapter 7)
- economic participation (income support) (chapter 8)
- home environment (overcrowding, access to functioning water, sewerage and electricity services) (chapter 9)

- 
- safe and supportive communities (alcohol and drug misuse and harm) (chapter 10).

The indicators in the early child development strategic area for action focus on the drivers of long term advantage or disadvantage — improvements in these indicators can contribute over time to improvements in indicators across the framework:

- maternal health — the health of women during pregnancy, childbirth and the period following birth is important for the wellbeing of both women and children. This section reports on measures including access to antenatal services, and alcohol and tobacco consumption during pregnancy (section 5.1)
- teenage birth rate — pregnancy at a young age is generally associated with higher rates of complications during pregnancy and delivery. Teenage births are also associated with lower incomes and poorer educational attainment and employment prospects for the mother (section 5.2)
- birthweight — low birthweight can indicate lack of nutrients or oxygen during particular stages of pregnancy, and is also a key factor affecting infant mortality. Low birth weight is also correlated with poorer health outcomes later in life, including coronary heart disease and type 2 diabetes. This section reports birthweight for babies born to Indigenous mothers (section 5.3)
- early childhood hospitalisations — admissions to hospital typically relate to more serious conditions, and the hospitalisation rate provides a broad indicator of the scale of serious health issues experienced by Indigenous children. A high rate of hospitalisations may also indicate differential access to primary health care, as many hospital admissions could be prevented if more effective non-hospital care were available (see section on injury and preventable disease). This section reports on hospitalisations for all causes for children aged 0 to 4 years (section 5.4)
- injury and preventable disease — the actions of communities and governments can promote the health of children — most childhood diseases and injuries can be successfully prevented or treated without hospitalisation. High rates of injury and preventable disease may indicate underlying issues with child supervision, the living environment or access to health care. This indicator examines injury and preventable diseases that result in children being hospitalised (section 5.5)
- basic skills for life and learning — basic skills for life and learning include a range of social, emotional, language, cognitive and communication skills, as well as general knowledge. The early social and cognitive development of children provides the foundations upon which later relationships and formal learning depend. Only limited data are available for this indicator (section 5.6)

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hearing impediments — Indigenous children tend to have high rates of recurring ear infections, which, if not treated early, can become a chronic disease and lead to hearing impediments. As well as direct health impacts, hearing impediments can affect children's capacity to learn and socialise. However, only limited information is available on the burden of hearing loss in Indigenous children. High rates of recurring ear infections are associated with poverty, crowded housing conditions, inadequate access to clean water and functional sewerage systems, nutritional problems and access to health care (section 5.7)

### *Attachment tables*

Attachment tables for this chapter are identified in references throughout this chapter by an 'A' suffix (for example, table 5A.1.1). These tables can be found on the Review web page ([www.pc.gov.au/gsp](http://www.pc.gov.au/gsp)), or users can contact the Secretariat directly.

## **5.1 Maternal health**

### **Box 5.1.1 Key messages**

- The proportion of low birthweight babies, pre-term babies and perinatal deaths decreased as the number of antenatal visits increased for both Indigenous and non-Indigenous mothers in 2006 (figures 5.1.3, 5.1.4 and 5.1.5). A lower proportion of Indigenous and than non-Indigenous mothers attended at least five antenatal sessions in Queensland, SA and the NT in 2006 (figure 5.1.1).
- The proportion of Indigenous mothers who attended at least one antenatal session remained constant in most states and territories and increased significantly in SA between 1998 and 2006 (figure 5.1.6).
- Around half of Indigenous mothers smoked during pregnancy and the proportion remained relatively constant between 2001 and 2006 (figure 5.1.7).

Maternal health is a new indicator in the revised indicator framework endorsed by COAG for the 2009 report. COAG anticipates that improved maternal health will contribute to the achievement of its target to 'halve the gap in mortality rates for Indigenous children under five within a decade'. The National Indigenous Reform Agreement agreed by COAG in November 2008 (COAG 2008) included two measures related to maternal health:

- antenatal care
- tobacco smoking during pregnancy.

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Maternal health is important both for mothers and their children. Good health during pregnancy contributes to reduced perinatal and infant mortality (section 4.2, Young child mortality) and smaller proportions of low birthweight babies (section 5.3, Birthweight). Good maternal health also reduces the likelihood of maternal death.

This section includes data on use of antenatal care, tobacco use during pregnancy and maternal deaths. There is also discussion of alcohol consumption during pregnancy, but no data are currently available. While much of this section deals with antenatal care, Sivak, Arney and Lewig (2008) found that a family home visiting program for Indigenous babies after birth had positive outcomes for the health and wellbeing of both mothers and babies. Box 5.1.2 includes case studies of some things that are working to improve maternal health and antenatal care.

#### **Box 5.1.2 Things that work — maternal health**

The **Koori Maternity Strategy** operates across Victoria with the aim of providing culturally appropriate maternity care to Koori women and aligning their birthing experiences and outcomes with those experienced by all Australian women. The program provides both antenatal and postnatal care, antenatal education, birthing support and a health service for children in early childhood. Transport is provided for mothers to facilitate access to the clinic. Aboriginal women still have their babies in the local hospital, but it is not uncommon for them to be discharged after only two days. The birthing program is able to provide support for mothers in this situation, particularly in relation to continuation of breastfeeding after discharge from hospital.

There has been an increase in Koori women accessing antenatal care and earlier in pregnancy. Social networks have improved and better working relationships with mainstream organisations have been established (Dwyer 2005).

**The Winnunga Nimmityjah Aboriginal Health Service Aboriginal Midwifery Access Program** (AMAP) in the ACT provides community based antenatal and postnatal care to Indigenous women and their babies. Two midwives provide intensive support and care to Indigenous women in a culturally appropriate environment. Evaluation of the program found a high level of acceptance from the community, with improved access and earlier presentation for antenatal care, and improved management of gestational diabetes. Women who had previously experienced difficult pregnancies reported improvement in subsequent pregnancies and the number of low birth weight children was reduced. In 2007 the program was a finalist in the Department of Health and Ageing's 'National Excellence Awards in Aboriginal and Torres Strait Islander Health — Service Delivery' category (ACT Government unpublished).

(Continued next page)

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Box 5.1.2 (continued)

**The Community Midwifery Programme (CMP)** in Elizabeth, SA, is a midwifery led care model in which a midwife cares for designated clients through the continuum of pregnancy, birth and the period after birth, offering appropriate models of care for Indigenous women. Birthweight of Indigenous babies within the program is generally higher than for those birthed outside of the program (SA Government unpublished).

**The Anangu Bibi Family Birthing Program** in Port Augusta and Whyalla (SA) was introduced following consultations with Aboriginal women, communities and agencies. Aboriginal Maternal and Infant Care (AMIC) workers and midwives work together in partnership to provide antenatal, birthing and early childhood care to Aboriginal women. Midwives have developed a better appreciation of Aboriginal culture and AMIC workers have improved their clinical skills and knowledge. AMIC workers have encouraged more Aboriginal women to visit midwives for antenatal care and together the AMIC workers and midwives have ensured that Aboriginal women have felt welcome in the hospital and have received appropriate care. There has been an increased use of the services and, anecdotally, reductions in low birthweight babies, decreases in smoking, increases in breastfeeding and increases in the number of women having more than seven antenatal visits (Stamp et al. 2008).

## Antenatal care

Antenatal care includes assessment of the health of pregnant women and their developing babies, screening tests, education and advice on healthcare during pregnancy and delivery, and the identification and management of conditions that may be harmful to health during pregnancy (WHO 2009).

Access to primary health care can make a difference to the health of women of childbearing ages and women during pregnancy, as well as fetuses during growth and development, infants and young children (Eades 2004). Antenatal care may be especially important for Indigenous women as they are at higher risk of giving birth to low birthweight babies. Risk factors that can be addressed through antenatal care include anaemia, poor nutrition, hypertension, diabetes and glucose intolerance, genital and urinary tract infections, and smoking (AHMAC 2008). Antenatal care also provides an opportunity to educate mothers about breastfeeding, which has benefits for both the mother and child (Queensland Health 2003). Zubrick et al. (2004) found that mothers of Aboriginal children in WA, particularly those living in more isolated areas, were both more likely to initiate breast feeding and to breast feed for longer than mothers in the general population.

The optimal number of antenatal care visits is the subject of some debate and the commonly used protocols in Australia are not always consistent with research

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evidence (Hunt and Lumley 2002). National antenatal care guidelines are being developed. Most guidelines suggest that antenatal care start in the first trimester (first three months) of pregnancy so that risk factors can be identified at an early stage (Mercy Hospital for Women, Southern Health Service and Women's & Children's Health Service 2001). After the first visit, antenatal care often follows the standard schedule monthly visits to 28 weeks, fortnightly visits to 36 weeks and then weekly visits until birth (Dodd, Crowther and Robinson 2002; Hunt and Lumley 2002). However, research shows that seven to ten visits may be sufficient for low risk women (Mercy Hospital for Women, Southern Health Service and Women's & Children's Health Service 2001; Wallace and Oats 2002).

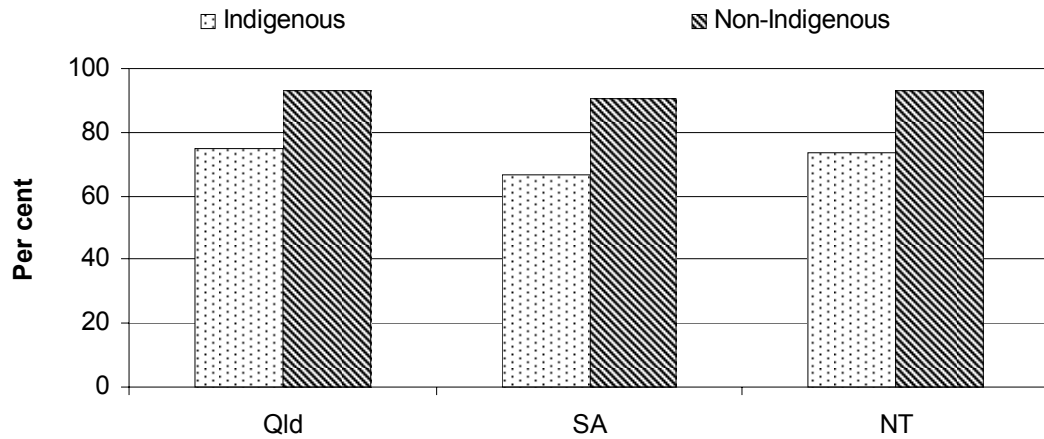
This section provides data on the proportions of women attending their first antenatal visit during the first trimester and the proportion attending at least five antenatal visits during their pregnancy. These are presented as the minimum requirements for good antenatal care.

The proportion of low birthweight babies, pre-term (premature) babies and perinatal deaths decreased as the number of antenatal visits increased for both Indigenous and non-Indigenous mothers in 2006.

- For Indigenous mothers who did not attend any antenatal sessions 41.6 per cent had babies of low birthweight, while for Indigenous mothers who attended five or more antenatal sessions only 8.5 per cent had babies of low birthweight (table 5A.1.3).
- For Indigenous mothers who did not attend any antenatal sessions 40.2 per cent had pre-term babies, while for Indigenous mothers who attended five or more antenatal sessions only 8.6 per cent had pre-term babies (table 5A.1.4).
- For Indigenous mothers who did not attend any antenatal sessions 9.3 per cent resulted in perinatal deaths, while for Indigenous mothers who attended five or more antenatal sessions only 0.7 per cent resulted in perinatal deaths (table 5A.1.5).

Section 5.3 provides more information on birthweight. Perinatal and infant deaths are discussed in more detail in section 4.2 (Young child mortality).

Figure 5.1.1 **Mothers who attended five or more antenatal sessions, by State/Territory, 2006<sup>a, b</sup>**

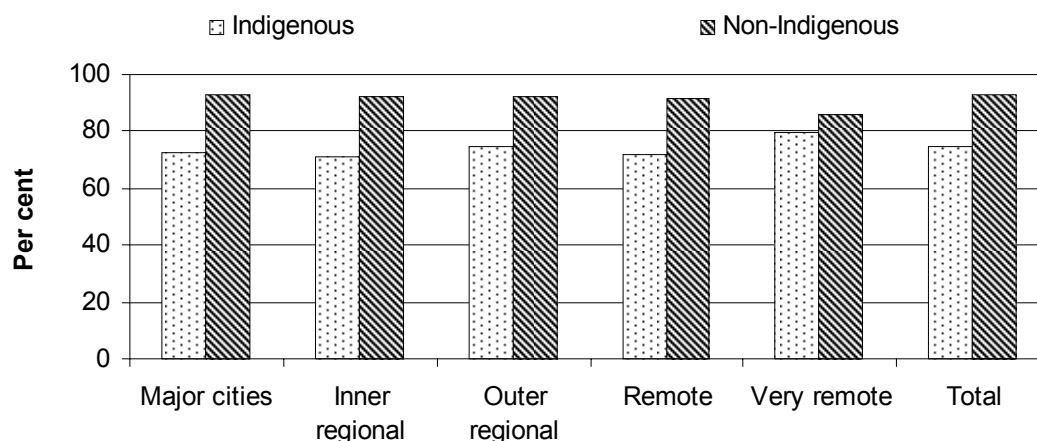


<sup>a</sup> Per cent of women who gave birth in the period, whether resulting in a live or still birth, if the birthweight was at least 400 grams or the gestational age was 20 weeks or more. Excludes births where mother's Indigenous status was not stated. <sup>b</sup> Data not available for NSW, Victoria, WA and Tasmania. Data are available in the ACT but not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.

Source: AIHW analysis of State/Territory perinatal collections (unpublished); table 5A.1.1.

- In 2006, a lower proportion of Indigenous than non-Indigenous mothers attended at least five antenatal sessions in Queensland, SA and the NT (figure 5.1.1).
- Data on the duration of pregnancy at the first antenatal visit are only available for NSW. In 2006, 54.0 per cent of Indigenous mothers and 63.7 per cent of non-Indigenous mothers attended their first antenatal session during the first trimester (first 12 weeks) of pregnancy (table 5A.1.1).

**Figure 5.1.2 Mothers who attended five or more antenatal sessions, Queensland, SA and the NT combined by remoteness, 2006<sup>a, b, c</sup>**



<sup>a</sup> Per cent of women who gave birth in the period, whether resulting in a live or still birth, if the birthweight was at least 400 grams or the gestational age was 20 weeks or more. Excludes births where mother's Indigenous status was not stated. <sup>b</sup> Data not available for NSW, Victoria, WA and Tasmania. Data are available in the ACT but not of sufficient quality to publish. <sup>c</sup> Total includes unknown remoteness category.

Source: AIHW analysis of State/Territory perinatal collections (unpublished); table 5A.1.2.

- In 2006, lower proportions of Indigenous than non-Indigenous mothers attended five or more antenatal sessions in all remoteness areas in Queensland, SA and the NT combined. Indigenous mothers were more likely to attend five or more antenatal sessions in very remote areas than in other remoteness areas (figure 5.1.2).
- Data on the duration of pregnancy at the first antenatal visit are only available for NSW. In 2006, 63.8 per cent of Indigenous mothers outer regional areas in NSW attended their first antenatal visit in the first trimester (12 weeks) of pregnancy compared with 43.8 per cent of those in very remote areas of NSW (table 5A.1.2).

Data are available from 1998 to 2006 on the proportion of pregnant mothers attending at least one antenatal care session. Between 1998 and 2006, the proportion of Indigenous mothers who attended at least one antenatal session remained constant in most states and territories and increased significantly in SA. The proportion of both Indigenous and non-Indigenous mothers attending at least one antenatal session was well over 90 per cent in most states and territories except SA over the period (table 5A.1.6).

Attendance of at least one antenatal care session has some benefit. However, available data presented demonstrate that attendance at five or more antenatal care sessions by pregnant women has significant positive outcomes for their babies. In

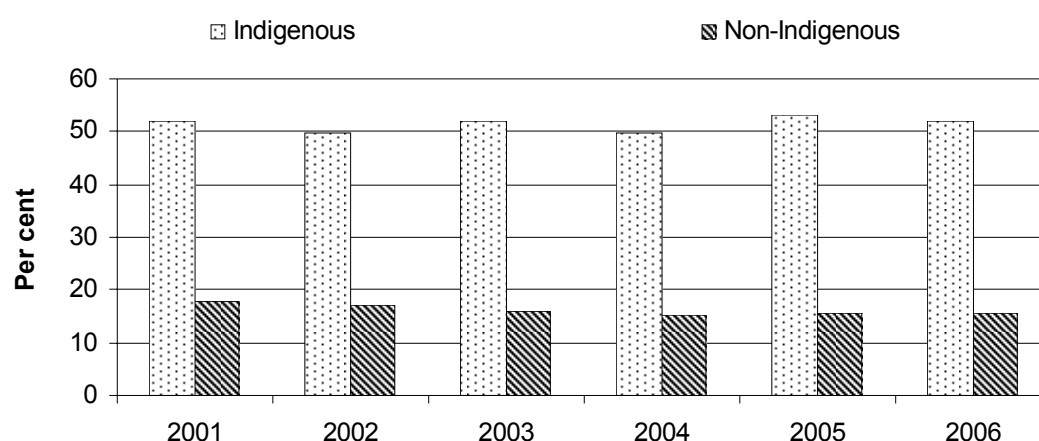


future editions it would be useful to be able to present time series data on the proportion of mothers attending at least five antenatal care sessions.

## Tobacco consumption during pregnancy

Smoking in pregnancy can lead to miscarriage, stillbirth or premature birth (Graham et al. 2007; Gilligan et al. 2007; Wills and Coory 2008; Walters 2009) and low birthweight. Low birthweight infants are at a greater risk of dying during the first year of life and are prone to ill health in childhood. The negative health effects of tobacco smoking may continue after birth if one or both parents smoke. Passive smoking has been linked with higher rates of respiratory illness, sudden infant death syndrome (SIDS), asthma and ear infections in children (Jacoby et al. 2008), and lung cancer and heart disease in adults (DHA 2003, 2004). Wood et al. (2008) explored some of the barriers to Indigenous women ceasing smoking during pregnancy.

Figure 5.1.3 Mothers reporting smoking during pregnancy<sup>a, b, c</sup>



<sup>a</sup> 2001 to 2004 data are for NSW, WA, SA, the ACT and NT only. Smoking during pregnancy data were only available for these five jurisdictions. <sup>b</sup> 2005 data are for NSW, WA, SA, Tasmania, the ACT, the NT and include 6 months of Queensland data. For Queensland, smoking status data were collected from 1 July 2005, therefore, 2005 figures only include the July-December period for Queensland. <sup>c</sup> 2006 data exclude Victoria (include NSW, Queensland, WA, SA, Tasmania, the ACT and NT)

Source: AIHW National Perinatal Statistics Unit reports: *Smoking and Pregnancy*, Cat. no. PER 33; *Australia's Mothers and Babies 2004*, Cat. no. PER 34; *Australia's Mothers and Babies 2005*, Cat. no. PER 40; *Australia's Mothers and Babies 2006*, Cat. no. PER 46; table 5A.1.7.

- In 2006, 52.2 per cent of Indigenous mothers and 15.6 per cent of non-Indigenous mothers reported smoking during pregnancy (figure 5.1.3).
- Between 2001 and 2006, around half of Indigenous mothers smoked during pregnancy and the proportion remained relatively constant. The proportion of

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non-Indigenous mothers smoking during pregnancy declined slightly from 17.8 to 15.6 per cent (figure 5.1.3). Data on proportions of pregnant mothers smoking over time should be interpreted with caution, as the number of states and territories for which data are available has changed over time.

Zubrick et al. (2004) found that, across all levels of relative isolation in WA, the proportion of mothers of Aboriginal infants who used tobacco during their pregnancy was twice that of mothers in the general population.

### **Alcohol consumption during pregnancy**

It is well documented that heavy alcohol consumption during pregnancy is a risk factor for fetal alcohol syndrome (O'Leary et al. 2007; NHMRC 2001; World Bank 2000). Fetal alcohol syndrome is characterised by various combinations of growth restriction of the fetus, facial anomalies, microcephaly and central nervous system impairment, including intellectual disability and behaviour problems (O'Leary 2004; Rothstein, Heazlewood and Fraser 2007; World Bank 2000). Abstaining from drinking alcohol during pregnancy will prevent fetal alcohol syndrome. Alcohol exposure can also cause a range of other alcohol related birth defects, known as fetal alcohol spectrum disorder (O'Leary et al. 2007). Fetal alcohol spectrum disorder may lead to a range of a range of physical, behavioural, and cognitive effects.

There are few data available on alcohol consumption by Indigenous females during pregnancy. One study gathered data through a survey administered as part of a health screening program conducted from 1998 to 2000 at 45 rural and remote locations in north Queensland. The 'Well Persons Health Check' found that 25 per cent of pregnant Indigenous women reported drinking at hazardous and harmful levels in the week prior to the survey (Queensland Health Tropical Population Health Network unpublished).

In Australia, the lack of data on the prevalence of fetal alcohol syndrome or fetal alcohol spectrum disorder is a barrier to obtaining a true estimate of its prevalence in the Indigenous population. However, these disorders can be difficult to diagnose. One study in far north Queensland estimated a fetal alcohol spectrum disorder prevalence of 1.5 per cent in the Aboriginal child population, with a prevalence of 3.6 in one Cape York community (Rothstein, Heazlewood and Fraser 2007). In contrast, the highest reported prevalence outside Australia is 0.5 per cent in South Africa (Abel and Hannigan 1995).

Elliott et al. (2008) reported on an active national case finding study of fetal alcohol syndrome. The data are based on monthly reporting of incident cases aged less than

15 years by over 1150 paediatricians between January 2001 and December 2004. Ninety-two cases of fetal alcohol syndrome were reported during the period, of which 65 per cent were Indigenous.

## Maternal deaths

Data on Indigenous maternal mortality should be interpreted with caution as Indigenous identification is incomplete and numbers of deaths are small and a small variation in numbers from one year to the next can significantly alter rates. Small numbers of both Indigenous and non-Indigenous women die during pregnancy and childbirth. For the period 2003–05, there were six maternal deaths of Indigenous women. Two were directly related to complications of pregnancy and childbirth, while the other four were from causes not related to pregnancy or childbirth, but which may have been aggravated by the effects of pregnancy (AIHW 2009).

**Table 5.1.1 Indigenous maternal mortality rates 1991–1993 to 2003–2005**

Years	Deaths	Total Indigenous confinements <sup>a</sup>	Indigenous maternal mortality rate <sup>a</sup>	Non- Indigenous maternal mortality rate <sup>a, b</sup>	Rate ratio <sup>c</sup>
1991–1993	5	21 539	23.2	5.9	3.9
1994–1996	4	22 996	17.4	8.3	2.1
1997–1999	6	25 530	23.5	6.7	3.5
2000–2002	12	26 128	45.9	8.7	5.3*
2003–2005	6	27 901	21.5	7.4	2.9

\* Represents results with statistically significant differences in the Indigenous/non-Indigenous comparisons at the p<0.05 level.

<sup>a</sup> Rate per 100 000 confinements calculated using direct and indirect deaths only. Excludes incidental deaths.

<sup>b</sup> For 1991–1993 and 1994–1996, the non-Indigenous maternal mortality rate includes non-Indigenous deaths and deaths where Indigenous status is unknown. For 1997–1999, 2000–2002 and 2003–2005, deaths where Indigenous status is unknown have been excluded. <sup>c</sup> Maternal mortality rate for Indigenous mothers divided by maternal mortality rate for non-Indigenous mothers.

Source: AIHW (2009) *Aboriginal and Torres Strait Islander Health Performance Framework 2008 Report: Detailed Analyses*.

- The maternal mortality rate for Indigenous women between 1991–1993 and 2003–2005 ranged from 17.4 per 100 000 to 45.9 per 100 000 (table 5.1.1).
- Although maternal mortality rates for Indigenous women were between two and five times the rates for non-Indigenous women between 1991–1993 and 2003–2005, these differences were generally not statistically significant (table 5.1.1).

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## 5.2 Teenage birth rate

### Box 5.2.1 Key messages

- Teenage birth rates were much higher for Indigenous females than non-Indigenous females in both 2004 and 2007 (figure 5.2.1).
- 18.0 per cent of Indigenous births were to teenage mothers in 2007. In contrast, 3.2 per cent of non-Indigenous births were to teenage mothers (figure 5.2.3).
- The proportion of Indigenous births to teenage mothers increased with remoteness and was highest in very remote areas between 2001 and 2007 (figure 5.2.4).

Teenage birth rate has been included as a new indicator in the 2009 report because of the additional risks associated with teenage births — risks to both the mother and the baby. Indigenous teenagers have a much higher birth rate than non-Indigenous teenagers. In 2007, 18.0 per cent of Indigenous births were to teenage mothers (figure 5.2.3). In contrast, 3.2 per cent of non-Indigenous births were to teenage mothers (figure 5.2.3).

This section analyses patterns in teenage births by the Indigenous status of the baby and of the mother, by the mother's age, by remoteness area, and by State and Territory.

Australia's teenage birth rate of 16.3 babies per 1000 females in 2003 was low compared to other English speaking countries, including the United States (51.1 per 1000), New Zealand (29.8 per 1000), United Kingdom (29.7), and Canada (20.1) (Morehead and Soriano 2005). However, Australia's teenage birth rate is moderate compared to other OECD countries. In 2005, of 36 OECD countries Australia had the 15th highest teenage birth rate (OECD 2008). Teenage birth rates are much higher in less developed countries and are in excess of 100 babies per 1000 women in some developing countries (UNFPA 2004).

As the data in this section demonstrate, Indigenous birth rates are much higher in Australia than non-Indigenous birth rates. Indigenous births are also much more likely to be to teenage mothers, relative to non-Indigenous births. Luong (2008), notes that for Canadian Aboriginals, teenage pregnancy is much more common than for other Canadians. Teenage pregnancy is also much more common for Maori than other New Zealanders (Dickson et al. 2000).

Many studies have measured the association between teenage pregnancy and the likelihood that the mother or child will experience socio-economic disadvantage both at the time of birth and later in the mother's or child's life. Jeon, Kalb and Vu (2008) examined welfare participation among Australian teenage mothers and

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found a strong association between welfare participation and being a teenage mother. They found that, on average, teenage mothers left school much earlier than females who did not become teenage mothers. The study found that 165 (19.7 per cent) of 839 teenage mothers in the sample left school at the age of becoming a mother or a year before the event. Most teenage mothers in the study left school at the age of 15 or 16, before they were pregnant. In Australia, teenage mothers are overrepresented among recipients of the main income support payment for single mothers (Morehead and Soriano 2005). In Britain, teenage mothers are more likely to experience socio-economic disadvantage later in life, including being more likely to partner an unemployed or low income earning man and being much less likely to own a home (Ermisch 2003).

There are also concerns about heightened physical health risks to teenage mothers and their babies. Research shows that mothers aged over 35 are more likely to have complications (Jolly et al. 2000) relative to mothers in their 20s and early 30s. However, teenagers, especially younger teenagers who are not fully grown, have much higher risks of complications for themselves and their baby. Younger teenage mothers are more likely to give birth to low birthweight babies (Hendrickson 1998). Babies who are born with a low birthweight (under 2500 grams) have heightened risks for a number of health complications (for more discussion of low birthweight babies see section 5.3).

There are also concerns about how the emotional maturity of teenager mothers and the support they receive from their families affects their capacity to care for their children. Evidence suggests that teenage mothers are less likely to attend antenatal clinics (NSW Health 2009) (section 5.1 discusses antenatal care in more detail). Teenage mothers are also more likely to experience depression than older mothers (Liao 2003). In Australia, teenage mothers are overrepresented among disability support payment recipients (Jeon, Kalb and Vu 2008). Zubrick et al. (2004) found that the care of children born to early teenage mothers was more likely to be transferred to others, which poses risks to the child.

Research suggests that daughters of teenage mothers are much more likely to become teenage mothers themselves (Anderson and Kahn 1992).

Teenage mothers are more likely to come from disadvantaged backgrounds and are more likely to be disadvantaged later in life. Notwithstanding the strong association between socio-economic disadvantage and teenage motherhood, causation is difficult to determine (Bradbury 2006; Hotz, McElroy and Sanders 2005).

This section defines a teenage birth as a birth where the mother is under the age of 20 at the time of birth. There are a small number of births to girls under the age of

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13 which are counted as teenage births in this section. This section examines the following three types of births:

- Indigenous births — births where at least one parent is Indigenous
- births to Indigenous mothers — births where the mother is Indigenous
- non-Indigenous births — births where both the mother and father are non-Indigenous.

Births to Indigenous mothers is a subset of Indigenous births. In 2007, births to Indigenous mothers comprised 71.8 per cent of Indigenous births (table 5A.2.7).

Programs have been developed to assist teenage and young mothers to care for their children. Box 5.2.2 provides an example of a program designed to assist young Indigenous mothers.

**Box 5.2.2 ‘Things that work’ — The Nunga Young Mums Program**

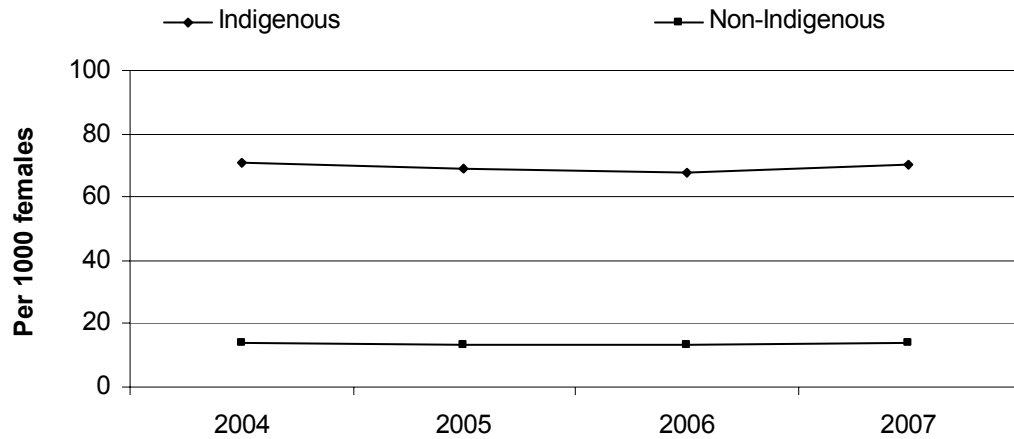
The Nunga Young Mums Program is based on the Incredible Years Program, an evidence based program from the United States. The program targets young mums (under 25s), uses a place that is already familiar and promotes the program in a way that is personal and sensitive to possible shame issues around parenting.

The Nunga Young Mums Program promotes the use of principles of play and attention, praise and rewards, limit setting, ignoring and distracting and then time out. The principles are ranked in order of importance, the greatest focus being on the play and attention and least focus on time out. In consultation with Nunga program leaders the principles are focussed by the use of an adapted parenting pyramid depicting a fruit tree with its roots representing the child.

The program was developed using a partnership approach and the language has been adapted to be culturally appropriate. Child and Adolescent Mental Health Services are currently exploring opportunities to expand this program in 2009.

The initial 16 week program was commenced with 7 Indigenous mums and 13 Indigenous children. The children were involved through the content, conversation and homework tasks of the parents each week. One family outing was held during the school holidays which 7 children attended. The initial program goal was to learn about children and how to participate as part of a group. A number of participants from the initial program have requested to join the program this year, so that they can continue developing their parenting skills and support other mums in the program (SA Government, unpublished).

Figure 5.2.1 Teenage birth rate (females aged 15–19 years), by Indigenous status of mother, 2004–07<sup>a</sup>



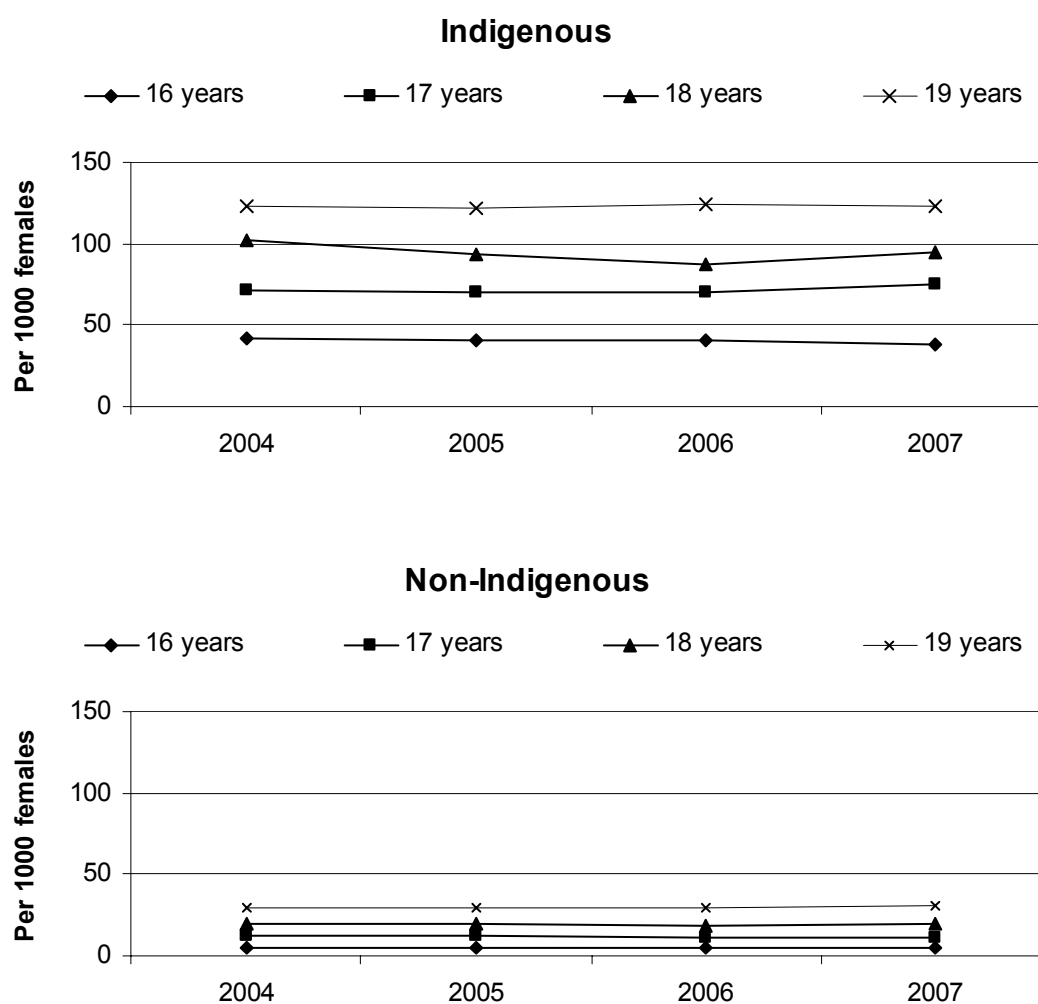
<sup>a</sup> The teenage birth rate in this analysis is calculated using the total number of births to females aged under 20 at the time of birth divided by the female population aged 15 to 19 years. A small number of births are to females under the age of 15. This means that teenage birth rates are slightly inflated.

Source: ABS *Births, Australia 2004–07*; ABS (unpublished) derived from *Experimental Estimates of the Aboriginal and Torres Strait Islander Population* Cat no. 3238.0; ABS (unpublished) derived from *Australian Demographic Statistics* Cat no. 3101.0; table 12A.2.23.

Between 2004 and 2007:

- teenage birth rates were much higher for Indigenous teenagers than all teenagers (figure 5.2.1)
- the teenage birth rate for Indigenous teenagers remained stable (70.9 per 1000 in 2004 and 70.1 per 1000 in 2007). The teenage birth rate for non-Indigenous teenagers also remained stable (13.8 per 1000 in 2004 and 13.7 in 2007) (figure 5.2.1).

Figure 5.2.2 Teenage birth rate, by age of mother, 2004–07



Source: ABS *Births, Australia 2004–07*; ABS (unpublished) derived from *Experimental Estimates of the Aboriginal and Torres Strait Islander Population*; table 5A.2.21.

Between 2004 and 2007:

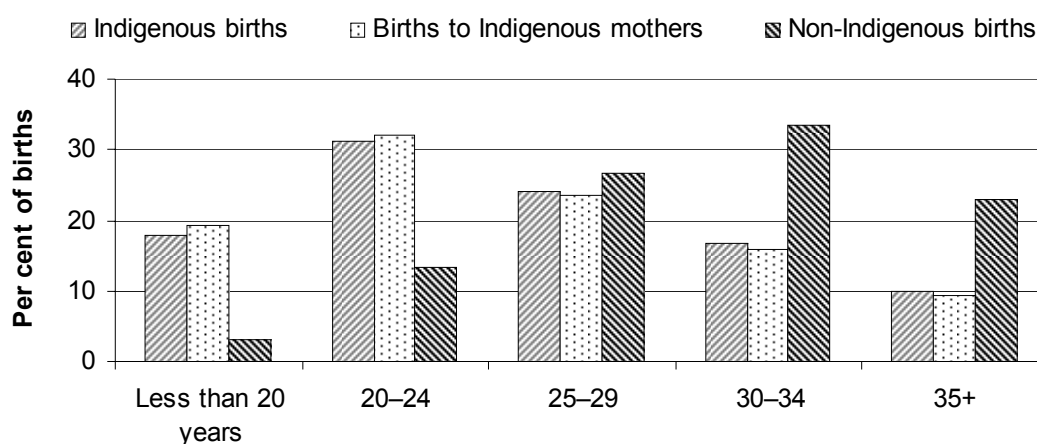
- birth rates for Indigenous females aged 16–19 years increased for each single year of age, and were much higher than birth rates for non-Indigenous females (figure 5.2.2)
- birth rates for Indigenous females or non-Indigenous females aged 16, 17, 18 and 19 years were relatively stable over time (figure 5.2.2).

Birth rates for Indigenous females aged 16, 17, 18 and 19 years are reported for some states and territories for 2004–07 in attachment table 5A.2.21. A similar proportion of Indigenous births and births to Indigenous mothers were to mothers aged under 16 years (1.3 per cent and 1.5 per cent, respectively, in 2007)



(table 5A.2.7). A much smaller proportion of non-Indigenous births were to mothers under the age of 16 (0.1 per cent) (table 5A.2.7).

**Figure 5.2.3 Births, by Indigenous status of baby and mother, and age of mother, 2007<sup>a</sup>**



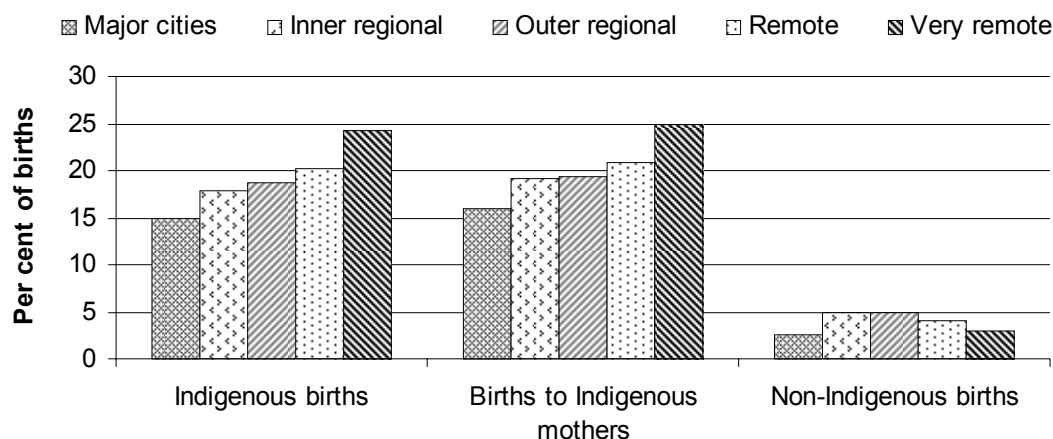
<sup>a</sup> Indigenous births are births where at least one parent is Indigenous.

Source: ABS *Births, Australia 2007* (unpublished); table 5A.2.18.

In 2007:

- the distribution of mothers' age at birth was similar for Indigenous births and births to Indigenous females, but very different for non-Indigenous births (figure 5.2.3)
- 18.0 per cent of Indigenous births and 19.3 per cent of births to Indigenous mothers were to teenage mothers (figure 5.2.3). In contrast, 3.2 per cent of non-Indigenous births were to teenage mothers (figure 5.2.3)
- Indigenous births and births to Indigenous mothers were also much more likely than non-Indigenous births to be to mothers aged 20–24 years and much less likely to be to mothers aged 30 years and over (figure 5.2.3).

**Figure 5.2.4 Proportion of births to teenage mothers, by Indigenous status of baby and remoteness, 2007<sup>a, b</sup>**



**a** Indigenous births are births where at least one parent is Indigenous. **b** Remoteness area data exclude births where place of usual residence is undefined, overseas, offshore and migratory and where data are otherwise uncodeable. Remoteness areas are approximated due to converting births by statistical local area to remoteness areas.

Source: ABS *Births, Australia 2001–07* (unpublished); table 5A.2.8.

In 2007:

- for all remoteness areas, similar proportions of Indigenous births and births to Indigenous women were to teenage mothers. In contrast, a much lower proportion of non-Indigenous births were to teenage mothers (figure 5.2.4)
- the proportion of Indigenous births to teenage mothers increased with remoteness and was highest in very remote areas (24.3 per cent of births) (figure 5.2.4). The proportion of births to Indigenous teenage mothers also increased with remoteness and was highest in very remote areas (24.9 per cent) (figure 5.2.4). In contrast, the proportion of non-Indigenous births to teenage mothers was highest in inner regional and outer regional areas (4.9 per cent and 4.8 per cent, respectively) and lowest in major cities and very remote areas (2.5 per cent and 2.9 per cent, respectively) (figure 5.2.4).

Between 1998 and 2007:

- the proportion of Indigenous births to teenage mothers and births to Indigenous teenage mothers was much higher than the proportion of non-Indigenous births to teenagers in all years and in all states and territories (tables 5A.2.9–18)
- the proportion of Indigenous births to teenage mothers fell slightly in the NT but exhibited no clear trend in other jurisdictions (tables 5A.2.9–18). In contrast, the

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proportion of non-Indigenous births to teenage mothers fell in NSW, Victoria, Queensland, WA, the ACT and the NT (tables 5.2.9–18)

- the proportion of Indigenous births to teenage mothers was higher in the NT and WA and lowest in Victoria (tables 5.2.9–18). The proportion of births to Indigenous mothers where the mother was a teenager was also higher in the NT and WA and lower in Victoria (tables 5.2.9–18). In contrast, the proportion of non-Indigenous births to teenage mothers was highest in Tasmania (tables 5.2.9–18).

## 5.3 Birthweight

### Box 5.3.1 Key messages

- Indigenous mothers (12.9 per cent) were almost twice as likely as non-Indigenous mothers (6.1 per cent) to have a low birthweight baby in the period 2004–06 (table 5.3.2).
- The average birthweight of babies born to Indigenous mothers during 2004–06 was 3162 g, compared with 3379 g for babies born to non-Indigenous mothers — a difference of 217 g, or 6.4 per cent (table 5.3.2).

The birthweight of a baby is a key indicator of health status. Children with low birthweights require longer periods of hospitalisations after birth and are more likely to have poor health, or even die in infancy (ABS and AIHW 2008). Low birthweight can also have long-term influences on the development of chronic diseases in adulthood, including diabetes and heart disease (Mackerras 1998; Fall et al. 1995). For many Indigenous children, health risks associated with low birthweight are compounded by high rates of infectious disease and poor infant nutrition (Singh and Hoy 2003).

Low birthweight is defined as less than 2500 g. Within this category, babies weighing less than 1500 g are considered to be of very low birthweight, and those less than 1000 g, of extremely low birthweight (AIHW 2008b). Generally, a higher proportion of female infants are born with a low birthweight than male infants. However, female infants tend to do better than male infants of the same weight.

Low birthweight may be a result of being born early (pre-term), although the infant may be within the expected size range for its gestational age. Alternatively, the infant may be small for its gestational age (fetal growth retardation). Low birthweight can also result from a combination of these two factors (ABS and AIHW 2008). Mackerras (1998) and Sayers and Powers (1997) identified

fetal growth retardation as the main cause of low birthweight among Indigenous babies born in non-remote areas. Conversely, Rousham and Gracey (2002), in a study of Indigenous infants in the Kimberley region of WA, identified pre-term birth as the more likely cause of low birthweight in this rural population.

Predictors for fetal growth retardation and pre-term birth are listed in table 5.3.1. Some predictors cannot be altered, for example, infant sex or race, while others may take at least a generation to change, including maternal birthweight. Other predictors might be influenced in the short-term, including maternal weight or cigarette smoking (ABS and AIHW 2003). There is incontrovertible evidence that smoking harms unborn babies (Wills and Coory 2008). Indigenous mothers smoked during pregnancy at more than three times the rate for non-Indigenous mothers (section 5.1). Teenage pregnancies are also associated with lower birth weights and Indigenous teenagers have a much higher birth rate than non-Indigenous teenagers. In 2007, 18.0 per cent of Indigenous births were to teenage mothers while in contrast 3.2 per cent of non-Indigenous births were to teenage mothers (section 5.2).

**Table 5.3.1 Predictors of fetal growth retardation and pre-term birth<sup>a</sup>**

	<i>Fetal growth retardation</i>	<i>Pre-term birth</i>
Direct	infant sex, race/ethnic origin, maternal height, maternal pre-pregnancy weight, paternal height and weight, maternal birthweight, parity <sup>b</sup> , prior low birthweight infant, gestational weight gain, energy intake, general morbidity, malaria, maternal cigarette smoking, alcohol consumption, and tobacco chewing.	maternal pre-pregnancy weight, prior preterm birth, prior spontaneous abortion, maternal cigarette smoking, in utero diethylstilboestrol <sup>c</sup> exposure, maternal diabetes, urogenital infections, bacterial vaginosis, and placental, cervical or uterine abnormalities.
Indirect	very young maternal age, socio-economic status (including maternal education)	

<sup>a</sup> Excludes deliveries in women with an underlying chronic illness. <sup>b</sup> Parity is the number of previous pregnancies resulting in live births or stillbirths (of 20 weeks gestation or 400g birthweight). <sup>c</sup> Diethylstilboestrol is a drug prescribed widely from the 1940s to 1970s that has been associated with increased risks of vaginal and cervical cancers and other disorders in people who were exposed to the drug in the uterus when their mothers were given it while pregnant.

Source: Mackerras 1998.

One factor that may reduce the incidence of low birthweight in the long term is increased access to antenatal care. Although most Indigenous women are known to access antenatal care at some point during pregnancy, access generally occurs later in the pregnancy and less frequently than for non-Indigenous women (Plunkett et al. 1996). Increased antenatal care in the first trimester may allow opportunities for the identification and possible modification of health risk factors (such as smoking). Section 5.1 provides data on Indigenous mothers' use of antenatal care services.

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Some Indigenous women face difficulties in accessing antenatal care, such as a lack of local facilities or suitable transport, cost, and a lack of culturally appropriate programs. The effectiveness of Aboriginal culturally specific antenatal programs has been illustrated through Australian research. Culturally specific programs delivered by Aboriginal health care workers, together with perinatal health care professionals, deal with prevalent risk factors to reduce the incidence of low birthweight (SA Health 2009). A study undertaken by the Nganampa Health Council on people residing in the Anangu Pitjantjatjara Lands in the far north-west of SA found that better antenatal care for expectant mothers led to positive outcomes in perinatal mortality and improved birthweights (ABS and AIHW 2003).

In addition to antenatal care the following factors may also assist in reducing low birthweight in the long term:

- introducing nutritional assessment and monitoring into prenatal care, with evaluation of their use and effectiveness
- better targeted and more effective health promotion programs
- evaluating strategies to improve maternal nutrition by increased weight gain during pregnancy (Mackerras 1998).

The analyses in this section are based on data from the AIHW National Perinatal Statistics Unit. Each jurisdiction has a perinatal data collection in which midwives and other staff, using information obtained from mothers and from hospital or other records, complete notification forms for each birth. Information on Indigenous people based on hospital records is limited by the accuracy with which Indigenous people are identified in these records (see appendix 3). Not all Indigenous mothers are identified as Indigenous, therefore, not all births to Indigenous mothers are recorded as Indigenous. There are also problems with the reliability of data from jurisdictions with small numbers of babies born to Indigenous mothers. Caution needs to be exercised when examining data from these jurisdictions.

The perinatal statistics do not record any information about the father. Therefore, births in the Indigenous population reported here only include births to Indigenous mothers, and do not include births to Indigenous fathers and non-Indigenous mothers. Hence, these figures underestimate the total number of Indigenous babies born in a given period. Over the period 2003–2005, for example, 28 per cent of registered Indigenous births were to Indigenous fathers and non-Indigenous mothers (AIHW 2008a and Leeds et al. 2007).

**Table 5.3.2 Birthweight, by live births and fetal deaths, 2004–2006<sup>a, b</sup>**

<i>Births to Indigenous mothers<sup>c</sup></i>	<i>Live births</i>		<i>Fetal deaths<sup>d</sup></i>		<i>Total births</i>	
Mean birthweight (grams)	3 162		1 261		3 140	
	no.	%	no.	%	no.	%
Low birthweight (<2500g)	3 743	12.9	274	81.3	4 017	13.7
Very low birthweight (<1500g)	700	2.4	230	68.2	930	3.2
Extremely low birthweight (<1000g)	327	1.1	196	58.2	523	1.8
All births	28 961	100.0	337	100.0	29 298	100.0
<i>Births to non-Indigenous mothers</i>	<i>Live births</i>		<i>Fetal deaths</i>		<i>Total births</i>	
Mean birthweight (grams)	3 379		1 237		3 364	
	no.	%	no.	%	no.	%
Low birthweight (<2500g)	47 350	6.1	4 353	78.2	51 703	6.7
Very low birthweight (<1500g)	7 873	1.0	3 668	65.9	11 541	1.5
Extremely low birthweight (<1000g)	3 425	0.4	3 283	59.0	6 708	0.9
All births	770 564	100.0	5 564	100.0	776 128	100.0
<i>All births<sup>e</sup></i>	<i>Live births</i>		<i>Fetal deaths</i>		<i>Total births</i>	
Mean birthweight (grams)	3 371		1 232		3 356	
	no.	%	no.	%	no.	%
Low birthweight (<2500g)	51 141	6.4	4 672	78.5	55 813	6.9
Very low birthweight (<1500g)	8 580	1.1	3 940	66.2	12 520	1.6
Extremely low birthweight (<1000g)	3 753	0.5	3 520	59.1	7 273	0.9
All births	800 321	100.0	5 952	100.0	806 273	100.0

<sup>a</sup> Birthweight is collected at birth and includes stillbirths of at least 20 weeks gestation or 400g birthweight.

<sup>b</sup> Data are presented in a three year grouping due to small numbers from year to year. <sup>c</sup> Indigenous data relate to babies born to Indigenous mothers only, and exclude babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies. <sup>d</sup> The denominator for the fetal death percentages is fetal deaths rather than births. <sup>e</sup> Includes babies to mothers of unknown Indigenous status. The number of all births is greater than the sum of births to Indigenous plus non-Indigenous mothers because births for Tasmania are included in the total births but were not available by Indigenous status for Tasmania in 2004 and so are not included in the Indigenous and non-Indigenous totals for Australia for 2004, but they were included for 2005 and 2006.

Source: AIHW National Perinatal Data Collection, National Perinatal Statistics Unit (unpublished); table 5A.3.1.

The data on Indigenous babies relate to babies born to Indigenous mothers only, as the data collection excludes babies born to non-Indigenous mothers and Indigenous fathers.

During 2004–2006:

- there were 800 321 live births in Australia, of which 96.3 per cent were babies born to non-Indigenous mothers, 3.6 per cent were babies born to Indigenous mothers and 0.1 per cent were of unknown Indigenous status (table 5.3.2)
- the mean birthweight of live births to Indigenous mothers was 3162 g, compared with 3379 g for babies born to non-Indigenous mothers — a difference of 217 g (non-Indigenous births were 6.9 per cent heavier) (table 5.3.2)

- the proportion of live births to Indigenous mothers with low birthweight was more than twice that of non-Indigenous mothers (12.9 per cent compared with 6.1 per cent). Further, the proportion of live births to Indigenous mothers with very low and extremely low birthweights (2.4 and 1.1 per cent, respectively) was higher than for babies born to non-Indigenous mothers (1.0 and 0.4 per cent, respectively) (table 5.3.2)
- of all live births, 6.4 per cent had low birthweight compared with 78.5 per cent of all fetal deaths (table 5.3.2)
- there were 5952 fetal deaths in Australia, of which 93.5 per cent were babies with non-Indigenous mothers, 5.7 per cent were births to Indigenous mothers and 0.9 per cent were of unknown Indigenous status. Fetal deaths comprised 1.2 per cent of babies to Indigenous mothers, compared with 0.7 per cent of babies born to non-Indigenous mothers (table 5.3.2)
- of those fetuses that died — for both Indigenous and non-Indigenous mothers — over half had extremely low weights (58.2 and 59.0 per cent, respectively). Furthermore, for both Indigenous and non-Indigenous mothers, around 80 per cent of fetal deaths were of low birthweight babies (81.3 and 78.2 per cent, respectively) (table 5.3.2).

Mean birthweights and proportions of low birthweight babies to Indigenous and non-Indigenous mothers remained relatively constant (with some minor fluctuations) between 1998–2000 and 2004–2006 (table 5A.3.8). Similarly, a relatively constant pattern has been reported from 1998–2000 to 2004–2006 for fetal deaths, average weights and proportions of low birthweights (table 5A.3.9).

## 5.4 Early childhood hospitalisations

### Box 5.4.1 Key messages

- Hospitalisation rates for Indigenous 0–4 year olds (320.0 per 1000) were higher than those for non-Indigenous 0–4 year olds (232.0 per 1000) in 2006-07 (figure 5.4.1).
- Hospitalisation rates for both Indigenous and non-Indigenous 0–4 year olds remained relatively constant between 2004-05 and 2006-07 (figure 5.4.1).

Early childhood hospitalisation rates are an indicator of the health of young children. However, they do not measure the actual prevalence of injury and disease, as many children suffering disease and injury do not require hospital treatment — most are treated by doctors, nurses and other primary health care providers outside

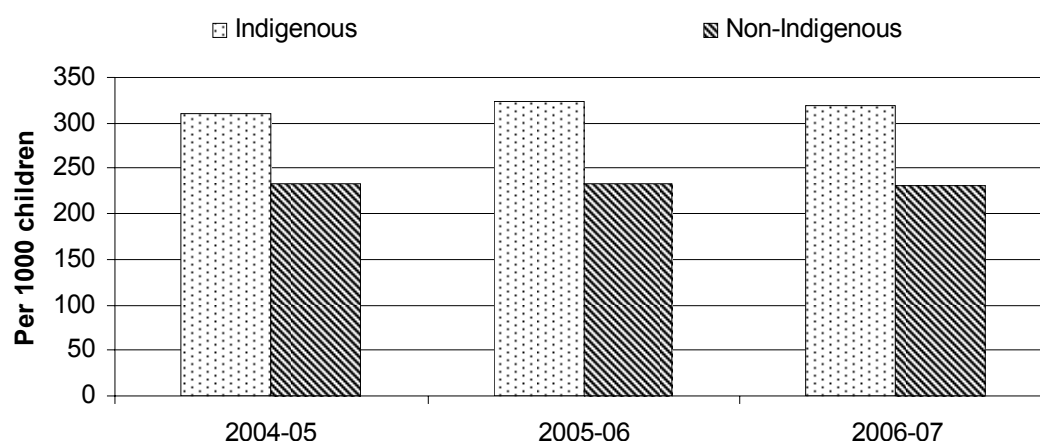
of hospital, or do not require formal medical treatment. Hospitalisations, therefore, represent the most serious cases.

The Council of Australian Governments (COAG) National Indigenous Reform Agreement includes hospitalisation rates by principal diagnosis as an indicator of progress towards its target of ‘halving the gap in mortality rates for Indigenous children under five within a decade’ (COAG 2009). Data on young child mortality are included in section 4.2.

This section and the next section (5.5 Injury and preventable diseases) should be read together. This section provides a measure of the hospitalisation rate and health of young children for all health conditions, while section 5.5 provides data on a subset of hospitalisations that are potentially preventable.

This section uses data from the AIHW National Hospital Morbidity Database for NSW, Victoria, Queensland, WA, SA and public hospitals in the NT. As explained in chapter 2 and appendix 4, hospitalisation data for Indigenous people in Tasmania and the ACT are not of sufficient quality for reporting.

**Figure 5.4.1 Hospitalisations per 1000 children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 to 2006-07** <sup>a, b, c, d</sup>



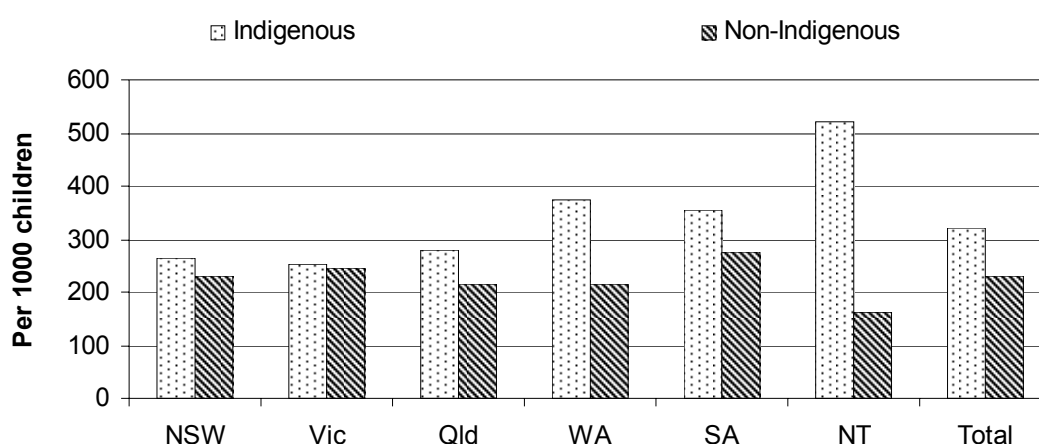
<sup>a</sup> Data are based on principal diagnosis as classified by the International Classification of Diseases, 10<sup>th</sup> Edition, Australian Modification (ICD-10-AM) code and description. <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections). <sup>d</sup> Hospitalisations of children for whom Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished); tables 5A.4.1–5A.4.3.



- Hospitalisation rates for Indigenous children aged 0–4 years (320.0 per 1000) were higher than rates for non-Indigenous children aged 0–4 years (232.0 per 1000) in 2006-07 (figure 5.4.1).
- Hospitalisation rates for both Indigenous and non-Indigenous children aged 0–4 years did not change significantly between 2004-05 and 2006-07 (figure 5.4.1).

**Figure 5.4.2 Hospitalisations per 1000 children aged 0–4 years, by State/Territory, 2006-07<sup>a, b, c, d</sup>**



<sup>a</sup> Data are based on principal diagnosis as classified by the International Classification of Diseases, 10<sup>th</sup> Edition, Australian Modification (ICD-10-AM) code and description. <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections). <sup>d</sup> Hospitalisations of children for whom Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished); table 5A.4.3.

- Hospitalisation rates for Indigenous children aged 0–4 years were higher than rates for non-Indigenous children aged 0–4 years in 2006-07 in all states and territories with adequate coverage of Indigenous hospitalisations, except Victoria where the rates were similar (figure 5.4.2).

**Table 5.4.1 Hospitalisations of children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, by principal diagnosis, 2006-07<sup>a, b, c</sup>**

<i>Health condition</i>	<i>No. of hospitalisations</i>		<i>Age-specific rate</i>		<i>Rate ratio</i>
	<i>Indigenous</i>	<i>Non-Indigenous<sup>d</sup></i>	<i>Indigenous</i>	<i>Non-Indigenous<sup>d</sup></i>	
Diseases of the respiratory system	5 067	52 863	86.0	43.7	2.0
Conditions originating in the perinatal period	2 726	50 647	46.3	41.8	1.1
Infectious and parasitic diseases	2 674	27 002	45.4	22.3	2.0
Other symptoms, signs and abnormal findings	1 174	22 594	19.9	18.7	1.1
Contact with health services	1 056	22 047	17.9	18.2	1.0
Injury and poisoning	1 486	20 887	25.2	17.2	1.5
Diseases of the digestive system	1 056	17 114	17.9	14.1	1.3
Congenital abnormalities	689	14 943	11.7	12.3	0.9
Diseases of the ear	537	13 854	9.1	11.4	0.8
Diseases of the nervous system	310	10 922	5.3	9.0	0.6
Diseases of the genitourinary system	391	7 135	6.6	5.9	1.1
Diseases of the skin and subcutaneous tissue	926	4 533	15.7	3.7	4.2
<b>Total hospitalisations</b>	<b>18 850</b>	<b>280 947</b>	<b>320.0</b>	<b>232.0</b>	<b>1.4</b>

<sup>a</sup> Data are based on principal diagnosis as classified by the International Classification of Diseases, 10<sup>th</sup> Edition, Australian Modification (ICD-10-AM) code and description. <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections). <sup>d</sup> Hospitalisations of children for whom Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished); table 5A.4.3.

- The most common causes for hospitalisation of both Indigenous and non-Indigenous children aged 0–4 years in 2006-07 were respiratory diseases, conditions originating in the perinatal period, and infectious and parasitic diseases (table 5.4.1).
- Indigenous children aged 0–4 years were 4.2 times as likely as non-Indigenous children to be hospitalised for diseases of the skin and subcutaneous tissue, twice as likely to be hospitalised for respiratory diseases and infectious and parasitic diseases, and 1.5 times as likely to be hospitalised for injury and poisoning. For most other conditions, Indigenous and non-Indigenous rates were similar, (table 5.4.1).

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## 5.5 Injury and preventable disease

### Box 5.5.1 Key messages

- Indigenous children under five were 1.9 times as likely to be hospitalised for potentially preventable diseases and injuries as non-Indigenous children (195.4 per 1000 compared to 104.9 per 1000) in NSW, Victoria, Queensland, WA, SA and the NT combined, in 2006-07 (table 5.5.1).
- The death rate from external causes and preventable diseases for children aged less than five years was 2 to 5 times as high for Indigenous than for non-Indigenous children (3.1 to 8.6 per 10 000 compared to 1.4 to 1.7 per 10 000) in NSW, Queensland, WA, SA and the NT, during 2003–2007 (figure 5.5.2).

This indicator reports on hospitalisations and death rates attributable to injury and potentially preventable disease, with additional information on recurring infection drawn from the 2001-02 WA Aboriginal Child Health Survey.

Until the second half of the 20th century, infectious diseases were a prominent cause of death in Australia. Between 1921 and 1995, age standardised death rates from infectious diseases fell from 185 per 100 000 population to 6 per 100 000 (ABS 1997). In 2007, the death rate from certain infectious and parasitic diseases in Australia (total persons, both Indigenous and non-Indigenous) was 8.1 per 100 000 population (ABS 2009).

Infectious diseases range in severity from minor conditions such as the common cold, to serious illnesses such as meningococcal infection and tuberculosis, which can result in death. Disease is caused by organisms such as bacteria, viruses or parasites, and can be transmitted directly (for example, through droplet infection) between people, or from insects and animals to people. Disease can also be transmitted indirectly (for example, through contaminated food or water) and through the environment. Infection can also result from the pathological growth of organisms already present in a person's body (ABS 1997).

Some infections that may appear minor can have serious longer term health effects. Recurring skin and throat infections (caused by group A streptococcal bacteria) in some Aboriginal communities are associated with the highest worldwide rates of acute rheumatic fever (Currie and Carapetis 2000).<sup>1</sup> The major pathogen of skin

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<sup>1</sup> The role of group A streptococcal bacteria (in skin and throat infections) leading to acute rheumatic fever is contentious but it appears likely in Australia that it plays a role. Interventions which aim to reduce group A streptococcal throat and skin infection are likely to reduce the rate of acute rheumatic fever. The importance of acute rheumatic fever is its major complication, rheumatic heart disease. After an initial episode of acute rheumatic fever, a person is at risk of

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infection, group A streptococcus, is also associated with chronic renal failure — a prevalent and highly burdensome condition among Aboriginal adults (Zubrick et al. 2004).

In Australia, many childhood diseases are generally prevented or successfully treated without hospitalisation. The main focus of this indicator is to examine the range of diseases and injuries experienced by children that result in a hospital admission, which represent the most serious cases of diseases and injury. However, there are few data on the incidence of injury and disease in young children that do not require hospitalisation. Survey data on the incidence of infectious diseases in Indigenous children in WA are included later in this section.

A wide range of social, cultural, physical and economic factors influence the health of children. Health initiatives of communities and governments can assist in the prevention of disease and promote the health of children. These initiatives include education on the benefits of good nutrition and sanitation, and the provision of adequate housing (see chapter 9 for more information on diseases associated with poor environmental health). The benefits of breastfeeding are also widely acknowledged and can reduce the risk of a range of acute childhood illnesses which may result in hospitalisation, including gastrointestinal diseases, infections, and chronic diseases such as diabetes and obesity (Queensland Health 2003).

Access to effective and appropriate health care services (including dental and immunisation services) can also influence the health of children in the short and long term. More information on immunisation rates in children and the prevalence of vaccine preventable diseases as well as access to primary health care in general, is included in section 7.1. Section 5.7 includes information on ear infections in children and section 7.6 covers tooth decay in children (and adults).

Box 5.5.2 describes programs to reduce rates of preventable disease for Indigenous people.

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recurrent episodes, each of which can increase the risk of rheumatic heart disease. Rheumatic heart disease is caused by the damage done to the heart muscle or heart valves during an episode of acute rheumatic fever (ABS and AIHW 2008; Online Medical Dictionary 2005). Acute rheumatic fever and rheumatic heart disease are now rare in populations with good living conditions — optimal hygiene and minimal household overcrowding — and easy access to quality medical care (things that Indigenous people often lack).

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#### Box 5.5.2 'Things that work' — Injury and preventable disease

The **Nganampa Health Council**, SA, provides primary healthcare services for the Anangu people of SA. Nganampa Health operates nine clinics with more than 120 staff, the majority being Anangu residents. Programs in the region relate to health worker training, substance abuse prevention, and sexual, environmental, dental, women's, men's and children's health programs. The primary health care service and related programs have had positive outcomes on the health of the community, including in 2005:

- infant birthweight had increased
- screening coverage for HIV and sexually transmitted infections was the most thorough to date
- 99 per cent of children under five, 89 per cent of 6–14 year olds and 77 per cent of 15–19 year olds had been immunised for Meningococcal C by August 2005 (Oxfam Australia 2007).

The **Jalaris Health Outreach service** provides public health services and programs to Aboriginal families in Derby, WA, targeting marginalised families disengaged from services. Early intervention, engagement and education of families and awareness of nutrition and preventable diseases are all key aspects of the corporation's work. The Jalaris Health Outreach service operates in collaboration with health practitioners engaging with the families of children involved in the Kids Futures Club (also provided by Jalaris Aboriginal Corporation). The Outreach service visits households at least twice a year providing health support, information and access to mobile clinics. A variety of programs have been implemented including:

- a nutrition program providing nutritious meals to children of parents who are heavy alcohol users
- the Building Stronger Families in Derby project, involving homemaking and environmental health education for families.

Evaluation of the Jalaris programs has shown that they have had positive impacts on health and have increased the interactions with mainstream health services (AMA 2008; PHAA 2008).

The **East Arnhem Healthy Skin project** was a three-year project completed in August 2007. The project aimed to reduce the prevalence of scabies, skin sores and tinea in five East Arnhem communities in the NT. Through a combination of community treatment days, routine screening at health clinics and home visits, the skin sore burden among children in these communities almost halved — from 46 to 28 per cent of the children seen (Cooperative Research Centre for Aboriginal Health 2008).

The conditions included in table 5.5.1 are based on AIHW advice and include conditions that could have potentially been prevented by the provision of appropriate non-hospital health services, as well as injuries that could potentially have been prevented (usually outside the health system in broader society). Some of the disease codes included may also include some non-preventable conditions.

**Table 5.5.1 Potentially preventable hospitalisations for children aged less than 5 years, NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT, 2006-07<sup>a, b, c</sup>**

ICD-10-AM code and description	Hospitalisations (number)			Age specific rate (per 1000 population)	
	Indigenous	Non-Indigenous <sup>d</sup>	Total	Indigenous	Non-Indigenous <sup>d</sup>
Certain infectious and parasitic diseases (A00–B99)	2 674	27 002	29 676	45.4	22.3
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	100	119	219	1.7	0.1
Diseases of the ear and mastoid process (H60–H95)	562	14 144	14 706	9.5	11.7
Diseases of the respiratory system (J00–J99)	5 067	52 863	57 930	86.0	43.7
Diseases of oral cavity, salivary glands and jaws (K00–K14)	699	7 493	8 192	11.9	6.2
Diseases of the skin and subcutaneous tissue (L00–L99)	926	4 533	5 459	15.7	3.7
Injury, poisoning and certain other consequences of external causes (S00–T98) <sup>e</sup>	1486	20 887	22 373	25.2	17.2
Transport accidents (V01–V99) <sup>e</sup>	84	875	959	1.4	0.7
Other external causes of accidental injury (W00–X59) <sup>e</sup>	1222	18 107	19 329	20.7	15.0
Assault (X85–Y09)	94	224	318	1.6	0.2
Complications of medical and surgical care (Y40–Y84) <sup>e</sup>	70	1 588	1 658	1.2	1.3
Other <sup>e</sup>	16	93	109	0.3	0.1
<b>Total potentially preventable hospitalisations</b>	<b>11 514</b>	<b>127 041</b>	<b>138 555</b>	<b>195.4</b>	<b>104.9</b>

<sup>a</sup> Data are based on principal diagnosis as classified by the International Classification of Diseases-10<sup>th</sup> Edition-Australian Modification code and description. <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections). <sup>d</sup> Hospitalisations where Indigenous status was not stated are included in the non-Indigenous numbers and rates. <sup>e</sup> External causes sub-categories classified by first external cause.

Source: AIHW National Hospital Morbidity Database (unpublished); table 5A.5.1.

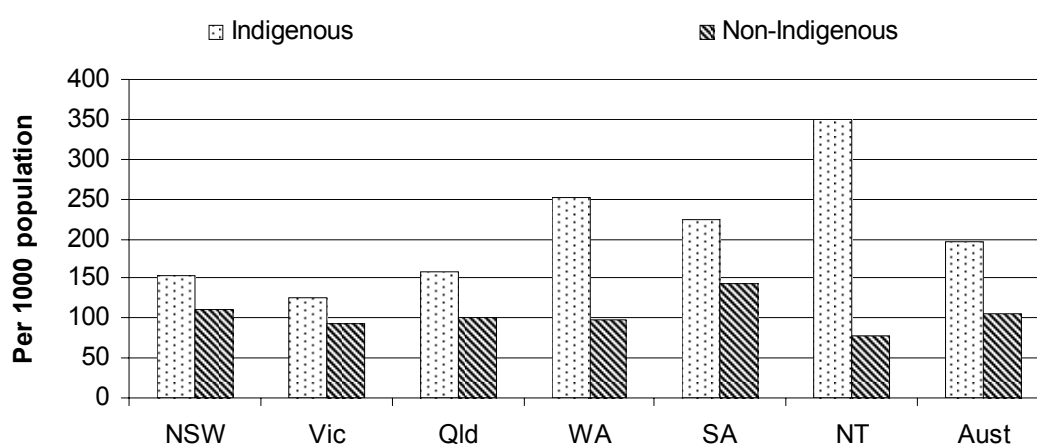
In NSW, Victoria, Queensland, WA, SA and public hospitals in the NT in 2006-07:

- Indigenous children aged less than five years were 1.9 times as likely to be hospitalised for potentially preventable diseases and injuries than non-Indigenous children (195.4 per 1000 compared to 104.9 per 1000) (table 5.5.1).
- diseases of the respiratory system were the most common cause of potentially preventable hospitalisations for both Indigenous and non-Indigenous children aged less than five years, but the rate for Indigenous children (86.0 per 1000) was twice as high as the rate for non-Indigenous children (43.7 per 1000) (table 5.5.1).

- certain infectious and parasitic diseases was the second most common cause of potentially preventable hospitalisations for both Indigenous (45.4 per 1000) and non-Indigenous (22.3 per 1000) children aged less than five years of age.

Data on hospitalisations of children aged less than five years for potentially preventable diseases and injuries remained relatively constant throughout the period 2004-05 to 2006-07 for both Indigenous and non-Indigenous populations (tables 5A.5.1–5A.5.3).

**Figure 5.5.1 Potentially preventable hospitalisations for children aged less than five years, 2006-07<sup>a, b, c, d</sup>**



<sup>a</sup> Data are based on principal diagnosis as classified by the ICD-10-AM code and description. <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections). <sup>d</sup> Hospitalisations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished); table 5A.5.1.

- In NSW, Victoria, Queensland, WA, SA and the NT combined, Indigenous children under five were 1.9 times more likely to be hospitalised for potentially preventable diseases and injuries than non-Indigenous children (195.4 per 1000 compared to 104.9 per 1000) in 2006-07 (table 5A.5.1).
- Hospitalisations rates for potentially preventable diseases and injuries were higher for Indigenous than non-Indigenous children aged less than five years in 2006-07 for each of the six states and territories for which data are available (figure 5.5.1).

The WA Aboriginal Child Health Survey (Zubrik et al. 2004) collected information in 2001 and 2002 on recurring infections — these conditions did not necessarily result in hospitalisation.

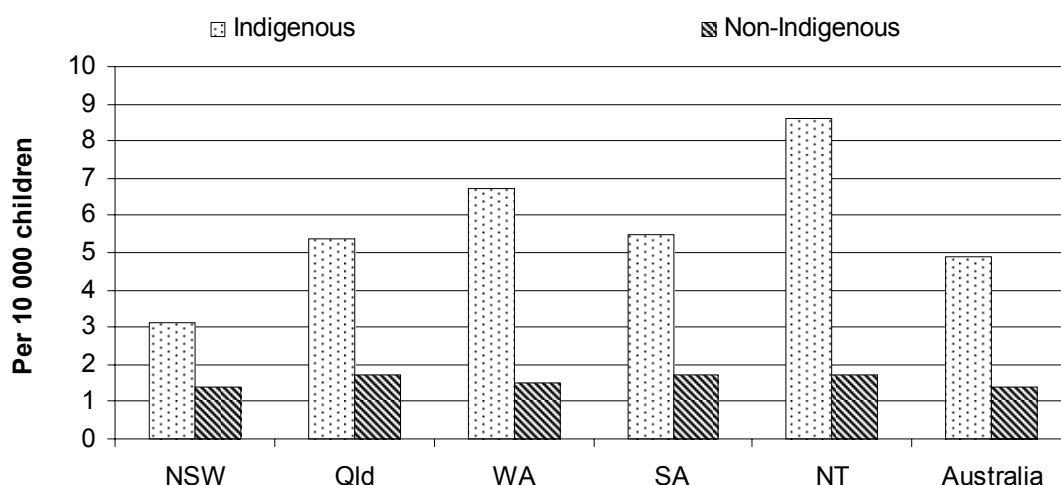
- 
- Recurring chest infections affected 12.3 per cent of Indigenous children aged 0–17 years, with infection rates highest for children aged 0–3 years and lowest for children aged 12–17 years. There was no association between infection rates and levels of relative isolation.<sup>2</sup>
  - An estimated 8.5 per cent of Indigenous children had recurring skin infections such as school sores or scabies. Children aged 4–11 years were the most likely to have recurring skin infections. The prevalence was 17.6 per cent in extremely isolated areas, more than twice the rate in all other areas.
  - An estimated 5.6 per cent of Indigenous children suffered from recurring gastrointestinal infections, with infection rates twice as high in extremely isolated areas as in other areas. Prevalence decreased significantly after 12 years of age.
  - Some 18.1 per cent of Indigenous children had recurring ear infections. Older children aged 12–17 years were significantly less likely to have recurring ear infections (13.6 per cent) than children aged 0–3 years (20.4 per cent) and children aged 4–11 years (19.9 per cent).
  - An estimated 9.7 per cent of Indigenous children reported more than one of recurring chest, skin, gastrointestinal and/or ear infections, with 6.9 per cent suffering from two types, 2.3 per cent suffering from three types and 0.5 per cent suffering from all four types. Significantly more children in areas of extreme isolation (17.9 per cent) had more than one type of recurring infection than children in less isolated areas.
  - An estimated 16.3 per cent of children in households where their primary carer reported financial strain suffered from more than one type of recurring infection, which was significantly higher than the prevalence in households where the primary carer could ‘save a bit now and again’ (8.4 per cent) or could ‘save a lot’ (7.2 per cent). There was no association between the primary carer’s educational attainment and either recurring infections or ear infections in children under their care.

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<sup>2</sup> Zubrick et al. (2004) used a different series of geographic region (remoteness) categories than the standard ABS categories used elsewhere in this report and discussed in chapter 2. Both sets of categories are based on the Accessibility Remoteness Index of Australia (ARIA). The ABS categories are a widely used version known as ARIA+, whereas the version used by Zubrick et al. (2004) is known as ARIA++, which has been designed to allow greater distinction between locations that are all classified as very remote in the ABS ARIA+ version. The five ARIA++ categories used by Zubrick et al. (2004) are called levels of relative isolation and comprise the categories: none (Perth metropolitan area), low, moderate, high and extreme.



Figure 5.5.2 Deaths rates from external causes and preventable diseases for children aged less than five years, 2003–2007<sup>a, b, c</sup>



<sup>a</sup> Data on deaths of Indigenous people are affected by different levels of coverage of deaths identified as Indigenous across states and territories. Care should be exercised in analysing these data, particularly in making comparisons across states and territories between Indigenous and non-Indigenous data.

<sup>b</sup> Denominators used in calculations of rates for the Indigenous population are Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians (low series, 2001 base). There are no comparable data for the non-Indigenous population. Denominators used in the calculation of rates for comparison with the Indigenous population have been derived by subtracting Indigenous population estimates/projections from total estimated resident population and should be used with care, as these data include population units for which Indigenous status was not stated. <sup>c</sup> Non-Indigenous includes deaths with 'not stated' Indigenous status.

Source: ABS *Causes of Death, Australia*, Cat. no. 3303.0 (unpublished); table 5A.5.4.

- During 2003–2007, the death rate from external causes and preventable diseases for children aged less than five years was 2 to 5 times higher for Indigenous (from 3.1 to 8.6 per 10 000 children) than non-Indigenous (from 1.4 to 1.7 per 10 000 population) people for NSW, Queensland, WA, SA and the NT (the jurisdictions for which data were available) (figure 5.5.2).

## 5.6 Basic skills for life and learning

### Box 5.6.1 Key messages

- 67.3 per 1000 Indigenous children aged 0–14 years received a Medicare funded voluntary health check/assessment in 2007–08 (table 5.6.1).
- The Australian Early Development Index is being implemented in 2009 and will provide information on Indigenous children at a State and national level.

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This indicator focuses on the developmental health and learning of children before they enter primary school. It contains two measures:

- children with developmental health checks at 6, 12 and 18 months, and at 4 years
- Australian Early Development Index (AEDI).

Data for these two measures are currently either very limited or unavailable. However, some data are available on health checks for Indigenous children aged 0–4 years.

Box 5.6.2 provides an example of a project aimed at improving life opportunities for Aboriginal children aged 0–4 years.

#### **Box 5.6.2 Things that work— Basic skills for life and learning**

**Best Start** is a WA Department for Communities program that aims to improve life opportunities for Aboriginal children aged from 0–5 years, with co-operation from health, welfare and Indigenous agencies. Several factors differentiate this program from other ‘supported playgroup’ models. Improving school readiness through play based activities is a key objective, but the program starts from birth and transitions through to school enrolment. Parents and carers (including fathers) must attend, and are an integral part of all activities. Support and referrals are also provided to ‘at risk’ and/or socially isolated families experiencing family violence, addiction, accommodation or legal problems.

There are three metropolitan and ten regional/remote services operating across WA, and in 2009 there were 14 new community requests for the program. Two examples are:

- Moora has a population of 2410, and 16.6 per cent of children aged 0–4 years are Indigenous. Best Start engages local Indigenous families through a group activity program for babies, toddlers and preschoolers that runs three days per week at a local resource centre. Feedback from local schools is very positive about the school readiness and confidence levels of Best Start graduates, and anecdotal evidence shows increased attendance and successful participation in early education.
- Armadale is a large inner city Perth suburb, where 5.5 per cent of children aged 0–4 years are Indigenous. Best Start operates as an outreach program providing family support, advocacy, playgroups, parenting and cultural activities. Playgroups are located in several school and community venues which broadens access. Parents, especially young mothers, support Best Start because of the support and nurturing they receive from the program. Close partnerships with non-Indigenous service providers broaden family access to services and networks (WA Department for Communities, unpublished).

(Continued next page)

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**Box 5.6.2** (continued)

The **Welcome Baby to Country project** (Vic) is based on the Aboriginal tradition of 'Tandurrum', a ceremony performed by traditional owners to welcome other visiting Aboriginal people entering traditional lands. The project facilitates a positive engagement of traditional owners and the broader Aboriginal community to celebrate the birth of Indigenous babies in the Wimmera/Mallee region.

This project has focused attention on children's needs and achievements and acknowledge the role of parents, carers and families in their growth and development. It has also been successful in increasing the engagement of relevant support services with Indigenous parents, carers and families and in providing an opportunity to supply information, resources and assistance to Indigenous parents and families. The project won the 2008 Minister for Children and Early Childhood Development Early Years Award. (Victorian Government unpublished).

## **Developmental health checks**

The Australian Government has introduced a number of new Indigenous health checks and health assessments within the Medicare Benefits Schedule (MBS) to improve early intervention and diagnosis for treatable conditions. The MBS provides items for regular health checks or assessments for Aboriginal and Torres Strait Islander people of various ages.

The Aboriginal and Torres Strait Islander Health Checks are categorised into three age groups:

- Child Health Check, MBS item number 708, for people aged 0–14 years
- Adult Health Check, MBS item number 710, for people aged 15–54 years
- Older Person's Health Check, MBS item numbers 704 and 706, for people at least 55 years of age.

In addition, Indigenous people may receive health checks available to all people:

- Four year old Child Health Check, MBS item numbers 709 and 711, for a child receiving or who received four year old immunisations
- Older Person's Health Check, MBS item numbers 700 and 702, for people age 75 years and over
- Health Checks for people in their forties at risk of type 2 diabetes or chronic disease, MBS item numbers 71 and 717.

Medicare Australia collects data and reports on the use of MBS item numbers. Data for this indicator are only available for the Indigenous Child Health Check, MBS

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item number 708 (table 5.6.1). Child health checks for four year old children (MBS item numbers 709 and 711) were only introduced in 2008 and reliable data are not yet available.

Table 5.6.1 illustrates that in 2007–08:

- 67.3 per 1000 Indigenous children aged 0–14 years received a voluntary health check/assessment under MBS item number 708
- the NT had the highest and Tasmania had the lowest rates of health checks for Indigenous children aged 0–14 years.

The Northern Territory Emergency Response (NTER) announced by the former Australian Government on 21 June 2007 introduced a Child Health Check (CHC) program. Indigenous children aged 15 years or less who live in the prescribed areas of the Northern Territory are eligible for a NTER CHC. The CHC data collection contains information on:

- the child's medical history
- the family medical history
- the child's housing situation
- health status at the time of the health check.

These checks were undertaken from mid-July 2007 and data collection relating to these checks continued until 30 June 2009. The NTER CHC are based on the MBS item number 708, which covers health checks for children and can be claimed every nine months. As at 17 October 2008, an estimated 12 263 CHCs had been performed in the NT through the NTER and MBS item 708 health checks since mid July 2007 (AIHW 2008b). Some but not all NTER CHCs were the subject of the MBS Item 708 claims. Duplicates have been removed from the above estimate.

Many babies and young children receive regular developmental health checks from maternal and child health nurses. These services are often provided by State and Territory or local governments. While no data currently exist for health checks conducted by maternal and child health nurses, many jurisdictions are intending to commence such collections.

**Table 5.6.1 Indigenous children aged 0–14 years who received a voluntary health check or assessment, 2007–08<sup>a, b</sup>**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust<sup>b</sup></i>
Child health checks (0–14 years) <sup>c</sup>										
Number of health checks conducted	no.	2 561	264	3 341	1 823	300	4	39	4 065	12 397
Target population	no.	54 652	10 879	53 077	26 112	9 975	6 844	1 648	20 814	184 076
Health checks per 1000 children	no.	46.9	24.3	62.9	69.8	30.1	0.6	23.7	195.3	67.3
<sup>a</sup> Excludes services that qualify under the Department of Veterans' Affairs National Treatment Account and services provided in public hospitals.										
<sup>b</sup> Includes other territories. <sup>c</sup> Health checks under MBS item number 708.										
Source: Medicare Australia (unpublished), derived from Medicare Benefits Schedule Item Statistics Reports, available: <a href="http://www.medicareaustralia.gov.au/statistics/dyn_mbs/forms/mbs_tab4.shtml">http://www.medicareaustralia.gov.au/statistics/dyn_mbs/forms/mbs_tab4.shtml</a> (accessed 9 October 2008); ABS (2004), Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians, Cat. no. 3238.0.										

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WA provides a universal maternal and child health service that offers health and developmental screening and surveillance for children 0–4 years. The service has introduced Parents Evaluation of Developmental Status (PEDS) as a developmental screening tool, offered at the 3–4 month, 8 month, 18 month and 3 years health checks. In WA, community health client data are collected for both individual and group contacts, but do not allow for individual client tracking or the ability to identify if a developmental screening was offered. Tasmania is intending to start collecting health check data for children at 12 months.

### **Australian Early Development Index (AEDI)**

The importance of improving education outcomes for children has attracted significant international interest and is recognised as crucial in building resilience and improving outcomes across the life-span (AIHW 2008a).

The AEDI is a population measure of children's development as they enter full time school. The AEDI assists communities to understand the development of local children compared to other children nationally. The AEDI highlights the strengths of community resources and services and identifies how they could be improved. The AEDI is measured by a checklist completed for each child by their teacher. The checklist consists of over 100 questions in the developmental areas of:

- physical health and well being
- social competence
- emotional maturity
- language and cognitive skills
- communication skills and general knowledge.

Between 2004 and 2007, 60 geographic areas across all Australia , except for NT, have been involved in testing the AEDI. Within these communities, 2157 teachers from 1012 schools, government and non-government, completed the AEDI checklist for 37 420 children in the first year of full time school (RCH 2008b).

The AEDI will be implemented nationally in 2009 and will be able to provide data on Indigenous children both at a state and national level.

The AEDI Indigenous Adaptation Study was initiated to ensure the AEDI is relevant and sensitive to the needs of Indigenous children. Adaptations arising from the study include:

- 
- modifications to the AEDI Guide for Teachers so that particular cultural considerations could be taken into account on certain checklist items
  - teachers complete the AEDI Checklists for Indigenous children collaboratively with an Indigenous cultural consultant (where available); and
  - additional checklist questions to provide contextual information to aid in interpreting the AEDI results

WA participated in a trial of these adaptation in 2008. The checklists were completed by teachers and, where available, Aboriginal and Islander Education Workers (AIEW). The trial involved 49 schools from the Armadale, Carnarvon and Meekatharra (Gascoyne/Murchison/Midwest) and Pilbara regions and checklists were completed for 568 Indigenous children in those participating schools (RCH 2008d).

In the Northern Territory, the second phase of the Adaptation study has commenced with commitment from the NT Government to continue trialling the community engagement and mobilisation activities in 2009 (RCH 2008d)

The 2009 AEDI data collection will evaluate the additional questions developed through the Adaption study as part of the standard AEDI checklist.

## 5.7 Hearing impediments

### Box 5.7.1 Key message

- Despite strong evidence of the high prevalence rates for hearing impediments in Indigenous children, particularly in remote areas, the hospitalisation rate for middle ear and mastoid disease for Indigenous 0–3 year olds (8.9 per 1000) was below that for non-Indigenous 0–3 year olds (9.7 per 1000) in 2006-07 (table 5.7.1).

The most common causes of hearing loss among Indigenous people are disorders of the middle ear. Otitis media, which is an inflammation of the middle ear, is a common childhood disease and often occurs as a result of another illness (such as a cold), caused by bacterial and viral infections (Burrow and Thomson 2006; Morris et al. 2005; Couzos, Metcalf and Murray 2001). There are various forms of otitis media. Generally accepted definitions can be found in Burrow and Thomson (2006) and box 5.4.2 of SCRGSP (2007).

Otitis media in non-Indigenous children typically resolves with age and is rarely seen amongst non-Indigenous children over the age of eight (Burrow and

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Thompson 2003). In contrast, Indigenous children living in remote communities have the highest internationally published prevalence rates for otitis media (Morris et al. 2006).

Studies spanning 30 years have consistently found that, in Indigenous children, otitis media typically starts at a younger age, is much more common and is more likely to result in hearing loss than in non-Indigenous children (Boswell and Nienhuys 1996; Couzos, Metcalf and Murray 1999; Leach et al. 1994; Lehmann et al. 2003; Moran et al. 1979; Morris et al. 2005). More recently, a study by a paediatric outreach service in far north Queensland identified chronic suppurative otitis media as the most prevalent health problem in Aboriginal children (Rothstein, Heazlewood and Fraser 2007).

The impact of hearing loss, due to otitis media, on the quality of life of Indigenous children and their caregivers is well documented (Brouwer et al. 2005; Howard and Hampton 2006; Nienhuys 1992; Thorne 2004; Zubrick et al. 2004). Indigenous children under three are at the highest risk of ear disease. Unfortunately, this is also the most critical development period for speech and language development, underpinning communication, learning, and social and emotional development (Brouwer et al. 2005; Nienhuys 1992; Zubrick et al. 2004).

Identifying risk factors for otitis media will inform the development of early prevention and intervention strategies. Risk factors for otitis media are outlined below.

- There is relatively higher bacterial colonisation in Indigenous infants, which is strongly correlated with the onset of middle ear effusion (this tended to occur within the first 12 weeks of life in 66 per cent of Indigenous infants). No corresponding correlation is found between colonisation and the onset of otitis media in non-Indigenous infants. Further, once the bacterial colonisation is established, Indigenous infants are significantly less likely than non-Indigenous infants to clear the bacterial pathogens (Morris et al. 2006; Smith-Vaughan et al. 2008). Early bacterial colonisation in Indigenous infants is exacerbated by overcrowded living conditions, poor hygiene and insanitary living conditions (Smith-Vaughan et al. 2008).
- Some studies have found a link between the early first onset of otitis media and the increased risk of recurrent infections (that is, ‘early and often’ appears to be the rule). Indigenous infants tend to have persistent acute otitis media and other ear infections that are rarely resolved (Boswell and Nienhuys 1996; Morris et al. 2006).
- The incidence of acute otitis media in other family members may significantly increase the risk of ear infection, especially in children.



- Although few studies have evaluated this relationship, malnutrition in Indigenous children may be associated with the development of chronic otitis media (Jones and Smith 2006).
- Passive smoking can increase the risk of ear infections (Di Franza and Lew 1996; Jacoby et al. 2008). By limiting exposure to tobacco smoke, it is estimated that ear infections would drop by 27 per cent in Aboriginal children and 16 per cent in non-Aboriginal children (Jacoby et al. 2008). Section 7.4 discusses the high rates of smoking within the Indigenous population.

To a large extent, otitis media is preventable and treatable either through surgery or a long-term course of antibiotics. A surgical procedure (myringotomy) can be performed to assist in restoring hearing. This is achieved by releasing the fluid that builds up in the middle ear (NSW DoH 2002). A randomised control trial of at risk Aboriginal infants found that infants receiving long-term antibiotics (antibiotics for 24 weeks) had more normal ears, fewer perforations and less bacterial colonisation (Leach et al. 2008).

Box 5.7.2 provides examples of programs that have improved hearing outcomes for Indigenous children.

#### **Box 5.7.2 'Things that work' — improving hearing outcomes**

**'Can't hear? Hard to Learn'** is an education and screening program for otitis media in Aboriginal children. The program operates across Eurobodalla, Bega Valley, Monaro and Southern Tablelands Health Clusters in NSW. The program is achieving results and is improving hearing and communication in Aboriginal children (ARCHI 2008).

Evaluation of the program revealed otitis media screening targets were exceeded in 2005-06 (93 per cent of eligible children were screened). The evaluation identified positive clinical outcomes, including:

- improved access of Aboriginal children to specialist services through addressing and reducing barriers
- a culturally appropriate health service for Aboriginal children
- improved access to early intervention and early treatment for ear disease
- improved hearing and learning for children
- improved health status of children (ARCHI 2008).

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Box 5.7.2 (continued)

**Swimming pools in remote communities** have improved child health outcomes. Previous reports (2005 and 2007) presented outcomes in WA of a study into the health benefits of a swimming pool in the WA Burringurrah Aboriginal community (Lehmann et al. 2003; TICHR 2006). The study compared the health status of children before and after the swimming pool was opened, and found that there was a reduced prevalence of skin infections and reduced rates of ear disease (TICHR 2006).

Silva et al. (2008) examined the impact of swimming pools on rates of skin, ear and chest infections in two remote WA Aboriginal communities, Jigalong and Mugarinya. After examining seven years of clinical records in the two communities, Silva et al. found that infections were more than halved in both communities. Clinic attendance rates for skin infections fell by 68 per cent in Jigalong and by up to 77 per cent in Mugarinya. In Jigalong, prescriptions for antibiotics fell by 45 per cent, clinic attendance for middle-ear infections dropped by 61 per cent and attendance for chest infections was halved (Silva et al. 2008).

**An ear health program in Leonora** (WA) has been successful in teaching people how to keep the ear canals clean and people who learned this as children are now teaching their own children. Many of the Aboriginal students in the local school had runny infected ear discharge. An Aboriginal health worker since 1983, Geraldine Hogarth, realised that children with this problem needed their ears syringed up to 4 times a day. She visited school and homes regularly to do this making sure parents, teachers and caregivers were educated about ear health. (Department of Indigenous Affairs (Western Australia) 2007). Geraldine's program was recognised in the 2007 National Excellence Awards in Aboriginal and Torres Strait Islander Health Awards.

The 2007 report included a study by the **Education Queensland Indigenous Schooling Support Unit** (previously called the Townsville Learning and Engagement Centre). The study found that 44.8 per cent of year 2 students in a local Townsville primary school had possible conductive hearing loss (a high proportion of the students assessed were Indigenous). The Indigenous Schooling Support Unit developed in-class hearing assessment tools for teaching staff, hearing assessment games for parents and professional development for both teachers and parents to identify any hearing loss. These strategies have been successful in early identification of students with conductive hearing loss. Early identification of hearing problems has meant students receive educational support and referral for treatment as soon as possible. Teachers also noted that addressing hearing loss issues often improved behavioural issues. One teacher commented 'Now that I understand why this child behaves this way I can put strategies in place to support the student' (Queensland Government unpublished).

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## Data on hearing loss

The Northern Territory Emergency Response (NTER) announced by the former Australian Government on 21 June 2007 introduced a Child Health Check (CHC) initiative. Indigenous children aged 15 years or less who live in the prescribed areas of the NT are eligible for a NTER CHC. These checks were undertaken from mid-July 2007 and data collection relating to these checks continued until 30 June 2009. A progress report on the findings on health conditions identified during CHC found that middle ear disease was common in NT Indigenous children. Almost 30 per cent of Indigenous children aged 0 to 15 years were diagnosed with ear disease (AIHW and Department of Health and Ageing 2008).

Ear and hearing problems are often treated by general practitioners. Data on general practitioner encounters for ear and hearing problems are available from the Bettering the Evaluation and Care of Health survey. For the 5 year period, 2002-03 to 2006-07, there was no statistically significant difference between rates of ear and hearing problems managed by a GP for Indigenous and non-Indigenous children aged 0–14 years (13.1 per 100 encounters compared with 10.8 per 100 encounters, respectively) (AIHW 2008).

The Australian Health Ministers' Advisory Council (2006) identified children's hearing loss as a health issue that needs improvement. Children's hearing loss is a performance measure in the Aboriginal and Torres Strait Islander Health Performance Framework (ATSIHPF) (AHMAC 2008). The ATSIHPF reported on hospitalisations for tympanoplasty. Tympanoplasty is reconstructive surgery for a perforated eardrum due to middle ear infection. Over the period July 2004 to June 2006, Indigenous children aged 0–14 years were hospitalised for tympanoplasty procedures at almost four times the rate of other children (AIHW 2008). Previously (between July 2002 and June 2004), Indigenous children were hospitalised for tympanoplasty procedures at a rate five times as high as other children (AHMAC 2006).

Data on the prevalence of hearing conditions in Indigenous children are limited. At a national level, surveys in 2001 and 2004-05 reported much higher prevalence of hearing conditions, including total/partial hearing loss and otitis media, in Indigenous children compared with non-Indigenous children (tables 5A.7.1 and 5A.7.2). In 2004-05, rates of otitis media were four times as high among Indigenous children aged 0–14 years as non-Indigenous children in this age group (table 5A.7.5). Data on long term hearing problems in Indigenous and non-Indigenous people, by remoteness, are shown in tables 5A.7.3 and 5A.7.4.

Data presented below are ear or hearing problems that resulted in admission to a hospital for NSW, Victoria, Queensland, WA, SA and public hospitals in the NT.

**Table 5.7.1 Age specific hospitalisations (per 1000) where the principal diagnosis was diseases of the ear and mastoid process, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT<sup>a, b, c</sup>**

Principal diagnosis	Indigenous			Non-Indigenous <sup>c</sup>		
	2004-05	2005-06	2006-07	2004-05	2005-06	2006-07
<b>People aged 0–3 years</b>						
Diseases of external ear	0.5	0.3	0.5	0.3	0.2	0.2
Diseases of middle ear and mastoid	8.7	7.9	8.9	12.7	10.9	9.7
Suppurative and unspecified otitis media	4.7	4.4	4.5	4.0	3.4	3.1
Diseases of inner ear	–	np	np	–	–	–
Other disorders of ear	0.5	0.5	0.4	0.8	0.7	0.6
<b>People aged 4–14 years</b>						
Diseases of external ear	0.3	0.3	0.2	0.2	0.2	0.2
Diseases of middle ear and mastoid	6.2	6.3	5.9	5.1	4.9	5.3
Suppurative and unspecified otitis media	1.5	1.5	1.2	1.0	1.0	1.1
Diseases of inner ear	–	np	np	–	–	–
Other disorders of ear	0.2	0.3	0.3	0.2	0.2	0.2

<sup>a</sup> Hospitalisation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition) <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Includes hospitalisations where Indigenous status was not reported. – Nil or rounded to zero. np Not published.

Source: AIHW National Hospital Morbidity Database (unpublished); tables 5A.7.12 to 5A.7.14.

Hospitalisations data only include those who have accessed medical services, and have been diagnosed and admitted to hospital for the specified conditions. Cases that result in a visit to a general practitioner or to an emergency department, but do not lead to hospitalisation, are excluded. There may also be a large share of 0–3 year olds where parents may not be aware that their children have an ear or hearing problem or where access to hospitals may be limited.

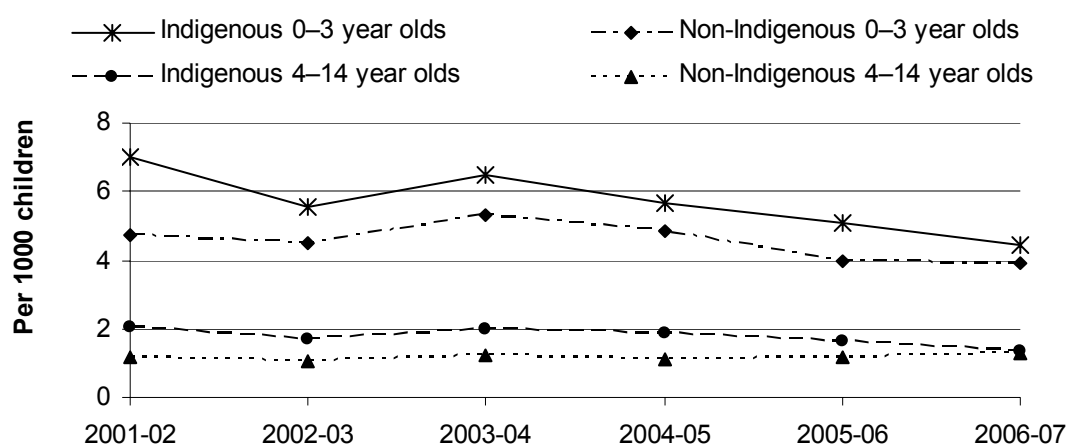
Hospitalisation data used in this section are for six jurisdictions: NSW, Victoria, Queensland, WA, SA, and the NT. These data have sufficient levels of Indigenous identification for three years (from 2004-05 to 2006-07). Table 5.7.1 shows that over this period:

- the most common principal diagnosis (for both populations and age groups) was for diseases of the middle ear and mastoid
- the Indigenous 0–3 year olds hospitalisation rate for middle ear and mastoid disease remained relatively unchanged (8.7 per 1000 to 8.9 per 1000). However, the hospitalisation rate for non-Indigenous 0–3 year olds decreased from 12.7 per 1000 in 2004-05 to 9.7 per 1000 in 2006-07.

In 2006-07:

- Indigenous children up to and including the age of three years had a higher hospitalisation rate for suppurative and unspecified otitis media than non-Indigenous children (4.5 per 1000 compared with 3.1 per 1000) but a lower rate of hospitalisation than non-Indigenous children for all diseases of the middle ear and mastoid (table 5.7.1)
- for both Indigenous and non-Indigenous children, the hospitalisation rate for suppurative and unspecified otitis media for children aged 0–3 was higher than the hospitalisation rate for children 4–14 years (table 5.7.1).

**Figure 5.7.1 Age specific hospitalisations (per 1000) where the principal diagnosis was suppurative and unspecified otitis media, Qld, WA, SA and public hospitals in NT<sup>a, b, c, d</sup>**



<sup>a</sup> Hospitalisation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). <sup>b</sup> Data are based on state of usual residence. <sup>c</sup> Identification of Indigenous patients is incomplete and completeness varies across jurisdictions. <sup>d</sup> Non-Indigenous includes hospitalisations where Indigenous status was not reported.

Source: AIHW National Hospital Morbidity Database (unpublished); tables 5A.7.6 to 5A.7.11.

Longer time series data on hospitalisation rates for suppurative and unspecified otitis media for Queensland, WA, SA and the NT from 2001-02 to 2006-07 are presented in figure 5.7.1. Hospitalisation rates for these jurisdictions for other diseases of the ear and mastoid can be found in tables 5A.7.6–11.

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From 2001-02 to 2006-07, for the four jurisdictions:

- the hospitalisation rate for suppurative and unspecified otitis media fluctuated for both Indigenous and non-Indigenous children aged 0–3 years old
- the hospitalisation rate for suppurative and unspecified otitis media decreased for both Indigenous children (from 7.0 per 1000 to 4.5 per 1000) and non-Indigenous children (from 4.8 per 1000 to 3.9 per 1000) aged 0–3 years old (tables 5A.7.6 to 5A.7.11)
- the hospitalisation rate for suppurative and unspecified otitis media decreased slightly for Indigenous 4–14 year olds (from 2.0 per 1000 in 2001-02 to 1.3 per 1000 in 2006-07), while the non-Indigenous rate remained stable (tables 5A.7.6–11).
- hospitalisation rates for other diseases of the ear and mastoid followed a similar trend to rates for suppurative and unspecified otitis media (tables 5A.7.6–11).

## **5.8 Future directions in data**

### **Maternal health**

Data on attendance at antenatal care sessions are available only for NSW, Queensland, SA and the NT, and, there are comparability issues with some NSW data. (Some data were available for the ACT in previous years.) A nationally consistent collection of data on attendance at antenatal care sessions by Indigenous status for all jurisdictions would be valuable. Data on the number of mothers attending at least five antenatal care sessions and the number attending their first session in the first trimester of pregnancy are particularly relevant to improving health outcomes for Indigenous babies. Data on attendance at antenatal sessions by age of mother may also be useful and may provide a link to outcomes for teenage mothers (section 5.2).

Data on smoking during pregnancy are available for all jurisdictions except Victoria. There is a lack of data on alcohol consumption during pregnancy and on FAS/FASD (although some are available for north Queensland).

It is anticipated that the 2008 ABS National Aboriginal and Torres Strait Islander Social Survey (NATSISS) will improve the availability of information on use of tobacco, alcohol and illicit substances during pregnancy nationally and, where possible, for each jurisdiction. The likelihood of obtaining robust data for Victoria has been improved by the Victorian Government's collaboration with the ABS to expand the Victorian NATSISS sample, fulfilling a 2006 Government commitment

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to undertake an Aboriginal Child Health and Wellbeing Survey. The NATSISS results are expected to be available from late 2009.

### **Teenage birth rate**

*Births, Australia*, is published annually and provides data on Indigenous births, births to Indigenous women and non-Indigenous births.

Future editions of the report could investigate the availability of data on teenage fathers and discuss teenage fathers and the risks they and their children face relative to non-teenage fathers.

### **Birthweight**

Reported births in the Indigenous population only include births to Indigenous mothers, and do not include births to Indigenous fathers and non-Indigenous mothers. Hence, these figures underestimate the total number of Indigenous babies born in a given period. From January 2009 Victoria commenced recording the Indigenous status of babies, as distinct from that of the mother. The mother is asked if the baby is Aboriginal or Torres Strait Islander.

### **Basic skills for life and learning**

There are limited data on child health checks. Child health checks for four year old children (MBS item numbers 709 and 711) were only introduced in 2008. Data on these items may be available for future reports.

The national roll out of the AEDI commenced this year. Indigenous and non-Indigenous data should be available for the next report.

### **Hearing impediments**

Only limited data are available on the burden of hearing loss in Indigenous children. Comprehensive, up-to-date data need to be collected to enable the assessment of the type and severity of ear infections in the Indigenous population and the resulting hearing loss.

The Longitudinal Study of Indigenous Children (LSIC) is being conducted by the Department of Families, Housing, Community Services and Indigenous Affairs. The LSIC will track the long term development of 2200 Indigenous children from

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communities across Australia. The LSIC will invite Indigenous families to participate in a series of annual interviews to better understand what affects their children's lives over time. The LSIC will collect data on hearing loss. These data may be available for the next report (Branch Manager, Research and Analysis, FaHCSIA, pers. comm., 13 January 2009).

In the first wave of the LSIC, parents will be asked whether their child has had any problems with ears or hearing in the past year. In wave two, parents will be asked whether the hearing problem their child was experiencing in wave one is still occurring. In wave two, parents will also be asked whether their child's hearing condition has been diagnosed by a doctor. The LSIC will also collect data on children hospitalised for ear and hearing problems and whether parents have had any health problems (including problems with ears and hearing) in the last year that have made it difficult for them to look after their child. These data could be useful to see whether there is a relationship between the incidence of ear and hearing problems in parents and their children (Branch Manager, Research and Analysis, FaHCSIA, pers. comm., 13 January 2009).

The 2008 NATSISS collected information about the prevalence and treatment of ear and hearing problems in Indigenous children. These data will be available from late 2009.

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# 5A Early child development — attachment

The tables in this file accompany the report, *Overcoming Indigenous Disadvantage: Key Indicators 2009*, prepared by the Steering Committee for the Review of Government Service Provision. Background and definitions are available in the report, which is available on the Review website ([www.pc.gov.au/gsp](http://www.pc.gov.au/gsp)).

This file is available in both Microsoft Excel and Adobe PDF formats on the Review website ([www.pc.gov.au/gsp](http://www.pc.gov.au/gsp)). Users without Internet access can contact the Secretariat to obtain these tables (details inside the front cover of the report).

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Table 5A.1.1 **Use of antenatal services by mothers, by Indigenous status, NSW, Queensland, SA and the NT, 2006 (a), (b)**

	NSW			Qld			SA			NT		
	No.	No.per 1000 (c)	Rate ratio (d)	No.	No.per 1000 (c)	Rate ratio (d)	No.	No.per 1000 (c)	Rate ratio (d)	No.	No.per 1000 (c)	Rate ratio (d)
Total attended at least one antenatal session												
Indigenous	2 502	958.3	1.0	2 897	986.4	1.0	462	843.1	0.9	1 429	976.1	1.0
Non-Indigenous	87 133	988.2		52 661	998.0		16 755	932.4		2 216	994.6	
No. sessions attended												
1												
Indigenous	na	na	na	151	51.4	8.0	26	47.4	16.1	59	40.3	4.7
Non-Indigenous	na	na	na	340	6.4		53	2.9		19	8.5	
2-4												
Indigenous	na	na	na	547	186.2	3.1	71	129.6	6.2	253	172.8	3.3
Non-Indigenous	na	na	na	3 120	59.1		373	20.8		118	53.0	
5 or more												
Indigenous	na	na	na	2 194	747.0	0.8	365	666.1	0.7	1 080	737.7	0.8
Non-Indigenous	na	na	na	49 162	931.7		16 329	908.7		2 079	933.1	
Duration of pregnancy at first antenatal visit												
First trimester												
Indigenous	1 410	540.0	0.8	na	na	na	na	na	na	na	na	na
Non-Indigenous	56 186	637.2		na	na	na	na	na	na	na	na	na
Second trimester												
Indigenous	542	207.6	0.9	na	na	na	na	na	na	na	na	na
Non-Indigenous	21 315	241.7		na	na	na	na	na	na	na	na	na
Third trimester												
Indigenous	550	210.6	17.8	na	na	na	na	na	na	na	na	na
Non-Indigenous	1 043	11.8		na	na	na	na	na	na	na	na	na

(a) Women who gave birth in the period, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more. Excludes births where mother's Indigenous status was not stated

(b) Data are not available for Victoria, WA and Tasmania. Data are available in the ACT but are not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.

(c) Number per 1000 women who gave birth in the period

Table 5A.1.1      **Use of antenatal services by mothers, by Indigenous status, NSW, Queensland, SA and the NT, 2006 (a), (b)**

(d)	Rate ratio: Indigenous rate divided by the non-Indigenous rate
na	Not available
Source :	AIHW analysis of state/territory perinatal collections (unpublished)

Table 5A.1.2 Use of antenatal services by mothers, by Indigenous status, NSW, Queensland, SA and the NT, 2006  
(a), (b)

	Major cities		Inner regional		Outer regional		Sub-total non-remote		Remote		Very remote		Sub-total remote		Total (c)	
	Indig.	Non-Indig.	Indig.	Non-Indig.	Indig.	Non-Indig.	Indig.	Non-Indig.	Indig.	Non-Indig.	Indig.	Non-Indig.	Indig.	Non-Indig.	Indig.	Non-Indig.
Per cent																
<b>Total attended at least one antenatal session (d)</b>	95.1	97.9	96.8	98.6	96.2	98.5	96.1	98.1	95.8	95.8	93.1	95.8	95.0	95.8	96.7	98.7
<b>No. sessions attended (e)</b>																
0	2.2	0.2	2.1	0.1	1.6	0.2	1.8	0.2	2.4	0.1	2.1	2.6	2.3	0.5	1.7	0.2
1	5.9	0.5	4.7	0.6	4.6	0.6	4.9	0.6	5.3	0.6	2.3	1.1	4.4	0.6	4.8	0.7
2-4	16.6	4.5	21.5	6.2	17.3	5.4	17.9	5.0	19.2	3.2	11.5	6.6	16.9	3.8	18.2	5.9
5 or more	72.8	92.8	71.3	92.5	74.4	92.3	73.5	92.6	71.6	91.4	79.4	86.0	73.9	90.5	74.3	93.1
No. sessions not stated	2.5	1.9	0.5	0.6	2.1	1.6	1.9	1.6	1.5	4.7	4.7	3.7	2.4	4.5	1.0	0.1
<b>Duration of pregnancy at first antenatal visit (f)</b>																
First trimester (<13 weeks)	57.5	69.6	62.6	78.1	63.8	77.7	61.2	72.2	57.5	80.3	43.8	67.9	53.3	77.6	60.5	72.4
Second trimester (13-20 weeks)	22.2	20.9	16.7	14.4	17.3	14.3	18.7	18.8	19.9	12.2	26.3	23.1	21.8	14.5	19.0	18.7
Third trimester (20 or more weeks)	15.2	7.4	17.0	5.7	14.6	6.4	15.7	6.9	16.6	5.3	22.5	9.0	18.4	6.1	16.0	6.9
Gestation not stated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total women who gave birth (d)</b>	1724	104489	1634	36 968	2849	18 353	6207	159 810	1108	1923	463	405	1571	2328	7279	145 845

Table 5A.1.2      **Use of antenatal services by mothers, by Indigenous status, NSW, Queensland, SA and the NT, 2006**  
 (a), (b)

(a)	Women who gave birth in the period, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more. Excludes births where mother's Indigenous status was not stated
(b)	Data are not available for Victoria, WA and Tasmania. Data are available in the ACT but are not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.
(c)	Includes 'unknown' remoteness category.
(d)	Data are for NSW, Queensland, SA and the NT
(e)	Data are for Queensland, SA and the NT. Data are not collected in NSW.
(f)	Data are for NSW. Data are not collected in Queensland, SA and the NT.
Source:	AIHW analysis of state/territory perinatal collections (unpublished).



Table 5A.1.3

Table 5A.1.3

**Low birthweight babies by use of antenatal services by mothers and Indigenous status, NSW, Queensland, SA and the NT combined, 2006 (a), (b)**

	Low birthweight			Non-low birthweight			Total live births		
	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio
<i>(A) As a proportion of all women who gave birth</i>									
<b>Attended at least one antenatal session (c)</b>	90.0	96.3	0.9	97.0	98.7	1.0	96.1	98.5	1.0
	%	%		%	%		%	%	
<b>No. sessions attended (d)</b>									
0	6.0	0.8	7.5	1.2	0.1	8.4	1.8	0.2	9.5
1	10.0	2.5	4.0	3.9	0.4	11.1	4.7	0.5	9.2
2-4	28.1	14.8	1.9	15.7	4.0	3.9	17.3	4.8	3.6
5 or more	50.7	77.4	0.7	77.5	94.0	0.8	74.1	92.9	0.8
<b>Duration of pregnancy at first antenatal visit (e)</b>									
First trimester (<13 weeks)	40.9	60.0	0.7	56.5	64.1	0.9	54.5	63.9	0.9
Second trimester (13-20 weeks)	23.2	24.4	0.9	20.4	24.1	0.8	20.7	24.1	0.9
Third trimester (20 or more weeks)	27.7	13.0	2.1	19.8	10.7	1.8	20.8	10.9	1.9
<b>Total women who gave birth</b>	100.0	100.0	..	100.0	100.0	..	100.0	100.0	..
<i>(B) As a proportion of all total live births</i>									
<b>Attended at least one antenatal session (c)</b>	11.6	6.5	1.8	88.4	93.5	0.9	100.0	100.0	..
<b>Attended no antenatal sessions (c)</b>	33.2	15.5	2.1	66.8	84.5	0.8	100.0	100.0	..

Table 5A.1.3

Table 5A.1.3

**Low birthweight babies by use of antenatal services by mothers and Indigenous status, NSW, Queensland, SA and the NT combined, 2006 (a), (b)**

	Low birthweight			Non-low birthweight			Total live births		
	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio
<b>No. sessions attended (d)</b>									
0	41.6	30.2	1.4	58.4	69.8	0.8	100.0	100.0	..
1	26.4	34.9	0.8	73.6	65.1	1.1	100.0	100.0	..
2-4	20.2	22.0	0.9	79.8	78.0	1.0	100.0	100.0	..
5 or more	8.5	5.9	1.4	91.5	94.1	1.0	100.0	100.0	..
<b>Duration of pregnancy at first antenatal visit (e)</b>									
First trimester (<13 weeks)	9.3	5.9	1.6	90.7	94.1	1.0	100.0	100.0	..
Second trimester (13-20 weeks)	13.9	6.3	2.2	86.1	93.7	0.9	100.0	100.0	..
Third trimester (20 or more weeks)	16.6	7.5	2.2	83.4	92.5	0.9	100.0	100.0	..

(a) Women who gave birth in the period, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more. Excludes births where mother's Indigenous status was not stated

(b) Data are not available for Victoria, WA, Tasmania. Data are available in the ACT but are not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.

(c) Data are for NSW, Queensland, SA and the NT

(d) Data are for Queensland, SA and the NT. Data are not collected in NSW.

(e) Data are for NSW. Data not collected in Queensland, SA and the NT.

.. Not applicable

Source: AIHW analysis of state/territory perinatal collections (unpublished).

Table 5A. 1.4

Table 5A.1.4

**Pre-term babies by use of antenatal services by mothers and Indigenous status, NSW, Queensland, SA and the NT combined, 2006 (a), (b)**

	Pre-term			Non-pre-term			Total births		
	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio
<i>(A) As a proportion of all women who gave birth</i>									
<b>Attended at least one antenatal session (c)</b>	90.2	96.4	0.9	96.8	98.7	1.0	96.0	98.5	1.0
	%	%		%	%		%	%	
<b>No. sessions attended(d)</b>									
0	5.9	0.7	9.0	1.3	0.2	8.4	1.9	0.2	9.6
1	10.0	2.2	4.6	4.0	0.4	9.6	4.8	0.6	8.4
2-4	27.7	13.6	2.0	16.1	4.1	3.9	17.6	5.0	3.6
5 or more	47.9	79.4	0.6	77.3	93.8	0.8	73.5	92.6	0.8
<b>Duration of pregnancy at first antenatal visit (e)</b>									
First trimester (<13 weeks)	46.9	63.1	0.7	55.2	63.9	0.9	54.3	63.8	0.9
Second trimester (13-20 weeks)	21.7	22.5	1.0	20.5	24.3	0.8	20.6	24.1	0.9
Third trimester (20 or more weeks)	24.8	11.7	2.1	20.4	10.8	1.9	20.9	10.9	1.9
<b>Total women who gave birth</b>	100.0	100.0	..	100.0	100.0	..	100.0	100.0	..
<i>(B) As a proportion of all total live births</i>									
<b>Attended at least one antenatal session (c)</b>	11.6	7.7	1.5	88.4	92.3	1.0	100.0	100.0	..
<b>Attended no antenatal sessions (c)</b>	28.2	17.7	1.6	71.8	82.3	0.9	100.0	100.0	..

Table 5A.1.4

Table 5A.1.4

**Pre-term babies by use of antenatal services by mothers and Indigenous status, NSW, Queensland, SA and the NT combined, 2006 (a), (b)**

	Pre-term			Non-pre-term			Total births		
	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio
<b>No. sessions attended (d)</b>									
0	40.2	28.2	1.4	59.8	71.8	0.8	100.0	100.0	..
1	27.5	32.9	0.8	72.5	67.1	1.1	100.0	100.0	..
2-4	20.7	23.6	0.9	79.3	76.4	1.0	100.0	100.0	..
5 or more	8.6	7.4	1.2	91.4	92.6	1.0	100.0	100.0	..
<b>Duration of pregnancy at first antenatal visit (e)</b>									
First trimester (<13 weeks)	9.3	7.2	1.3	90.7	92.8	1.0	100.0	100.0	..
Second trimester (13-20 weeks)	11.3	6.8	1.7	88.7	93.2	1.0	100.0	100.0	..
Third trimester (20 or more weeks)	12.8	7.8	1.6	87.2	92.2	0.9	100.0	100.0	..

(a) Women who gave birth in the period, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more. Excludes births where mother's Indigenous status was not stated

(b) Data are not available for Victoria, WA, Tasmania. Data are available in the ACT but are not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.

(c) Data are for NSW, Queensland, SA and the NT

(d) Data are for Queensland, SA and the NT. Data are not collected in NSW.

(e) Data are for NSW. Data are not collected in Queensland, SA and the NT.

.. Not applicable

Source: AIHW analysis of state/territory perinatal collections (unpublished).

Table 5A.1.5

Table 5A.1.5

**Perinatal deaths by use of antenatal services by mothers and Indigenous status, NSW, Queensland, SA and the NT combined, 2006 (a), (b)**

	Perinatal deaths			Non-perinatal deaths			Total births		
	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio	Indigenous	Non-Indigenous	Rate ratio
<i>(A) As a proportion of all women who gave birth</i>									
<b>Attended at least one antenatal session (c)</b>	83.6	93.6	0.9	96.2	98.6	1.0	96.0	98.5	1.0
<b>No. sessions attended (d)</b>									
0	10.0	1.9	5.3	1.8	0.2	9.7	1.9	0.2	9.6
1	17.8	8.5	2.1	4.6	0.5	9.3	4.8	0.6	8.4
2-4	38.9	32.9	1.2	17.2	4.7	3.7	17.6	5.0	3.6
5 or more	26.7	50.3	0.5	74.3	93.0	0.8	73.5	92.6	0.8
<b>Duration of pregnancy at first antenatal visit (e)</b>									
First trimester (<13 weeks)	31.3	56.6	0.6	54.6	63.9	0.9	54.3	63.8	0.9
Second trimester (13-20 weeks)	18.8	24.6	0.8	20.7	24.1	0.9	20.6	24.1	0.9
Third trimester (20 or more weeks)	28.1	13.8	2.0	20.8	10.9	1.9	20.9	10.9	1.9
<b>Total women who gave birth</b>	100.0	100.0	..	100.0	100.0	..	100.0	100.0	..
<i>(B) As a proportion of all total live births</i>									
<b>Attended at least one antenatal session (c)</b>	1.4	0.9	1.6	98.6	99.1	1.0	100.0	100.0	..
<b>Attended no antenatal sessions (c)</b>	7.8	4.4	1.8	92.2	95.6	1.0	100.0	100.0	..

Table 5A.1.5

Table 5A.1.5

**Perinatal deaths by use of antenatal services by mothers and Indigenous status, NSW, Queensland, SA and the NT combined, 2006 (a), (b)**

	Perinatal deaths			Non-perinatal deaths			Total births		
	Indigenous	Non-Indigenous		Indigenous	Non-Indigenous		Indigenous	Non-Indigenous	
		Rate ratio	Rate ratio		Rate ratio	Rate ratio			
No. sessions attended (d)									
0	9.3	9.4	1.0	90.7	90.6	100.0	100.0	100.0	100.0
1	6.7	15.0	0.4	93.3	85.0	100.0	100.0	100.0	100.0
2-4	4.0	6.7	0.6	96.0	93.3	100.0	100.0	100.0	100.0
5 or more	0.7	0.5	1.2	99.3	99.5	100.0	100.0	100.0	100.0
Duration of pregnancy at first antenatal visit (e)									
First trimester (<13 weeks)	0.7	0.8	0.9	99.3	99.2	100.0	100.0	100.0	100.0
Second trimester (13-20 weeks)	1.1	0.9	1.2	98.9	99.1	100.0	100.0	100.0	100.0
Third trimester (20 or more weeks)	1.6	1.1	1.5	98.4	98.9	100.0	100.0	100.0	100.0

(a) Women who gave birth in the period, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more. Excludes births where mother's Indigenous status was not stated

(b) Data not available for Victoria, WA and Tasmania. Data available in the ACT but are not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.

(c) Data are for NSW, Queensland, SA and the NT

(d) Data are for Queensland, SA and the NT. Data are not collected in NSW.

(e) Data are for NSW. Data are not collected in Queensland, SA and the NT.

.. Not applicable

Source: AIHW analysis of state/territory perinatal collections (unpublished).

Table 5A.1.6 **Mothers who attended at least one antenatal care session, by Indigenous status, NSW, Queensland, SA, ACT and the NT, 1998 to 2006 (a)**

	1998	1999	2000	2001	2002	2004	2004	2005	2006	Annual change 1998 to 2006 (c)	% change 1998 to 2006 (d)
	Number										
NSW											
Indigenous	1,909	1,947	1,968	1,980	2,008	2,073	2,191	2,415	2502	71.9	30.1
Non-Indigenous	81,536	83,103	83,543	81,560	81,683	82,441	81,490	86,128	87133	470.6	4.6
Qld											
Indigenous	2,657	2,783	2,735	2,636	2,644	2,808	2,696	2,986	2897	27.7	8.3
Non-Indigenous	44,559	44,998	45,443	45,977	45,451	46,485	47,107	51,081	52661	908.2	16.3
SA											
Indigenous	289	325	307	296	331	355	385	405	462	19.1	52.9
Non-Indigenous	14,418	15,160	14,588	14,920	14,976	15,333	15,446	15,724	16755	219.5	12.2
<b>NSW, Qld and SA combined</b>											
Indigenous	<b>4855</b>	<b>5055</b>	<b>5010</b>	<b>4912</b>	<b>4983</b>	<b>5236</b>	<b>5272</b>	<b>5806</b>	<b>5861</b>	<b>118.8</b>	<b>19.6</b>
Non-Indigenous	<b>140513</b>	<b>143261</b>	<b>143574</b>	<b>142457</b>	<b>142110</b>	<b>144259</b>	<b>144043</b>	<b>152933</b>	<b>156549</b>	<b>1598.3</b>	<b>9.1</b>
ACT											
Indigenous	56	56	53	51	69	67	np	np	np	np	np
Non-Indigenous	4490	4442	4549	4305	4453	4088	np	np	np	np	np
NT (e)											
Indigenous	np	np	1252	1421	np	1344	1269	1321	1429	np	np
Non-Indigenous	np	np	2145	2209	np	2204	2095	2257	2216	np	np

Table 5A.1.6  
**Mothers who attended at least one antenatal care session, by Indigenous status, NSW, Queensland, SA, ACT and the NT, 1998 to 2006 (a)**

	1998	1999	2000	2001	2002	2004	2004	2005	2006	Annual change 1998 to 2006 (c)	% change 1998 to 2006 (d)
	<b>Number per 1,000 (f)</b>										
<b>NSW</b>											
Indigenous	934.4	945.6	934.9	938.4	931.8	959.3	949.3	976.2	958.3	3.9	3.4
Non-Indigenous	984.9	990.5	990.9	991.9	991.5	995.3	994.4	994.9	988.2	0.6	0.5
<b>Qld</b>											
Indigenous	972.9	976.8	976.4	978.8	971.7	981.8	974.3	973.0	986.4	0.7	0.6
Non-Indigenous	996.6	995.7	994.1	995.0	996.9	996.6	996.3	996.4	998.0	0.2	0.2
<b>SA</b>											
Indigenous	694.7	727.1	688.3	741.9	743.8	758.5	795.5	831.6	843.1	19.0	21.8
Non-Indigenous	800.8	852.4	851.5	876.2	882.2	899.3	922.4	903.2	932.4	14.1	14.1
<b>NSW, Qld and SA combined</b>											
Indigenous	<b>935.5</b>	<b>944.0</b>	<b>936.1</b>	<b>944.3</b>	<b>936.5</b>	<b>953.9</b>	<b>948.4</b>	<b>962.9</b>	<b>961.5</b>	<b>3.2</b>	<b>2.8</b>
Non-Indigenous	<b>965.7</b>	<b>975.4</b>	<b>975.7</b>	<b>979.4</b>	<b>980.4</b>	<b>984.5</b>	<b>986.8</b>	<b>985.1</b>	<b>985.1</b>	<b>2.2</b>	<b>1.9</b>
<b>ACT</b>											
Indigenous	933.3	949.2	1000.0	980.8	958.3	837.5	np	np	np	np	np
Non-Indigenous	998.0	999.1	998.9	997.7	999.3	874.1	np	np	np	np	np
<b>NT (e)</b>											
Indigenous	np	np	946.3	959.5	np	962.8	952.7	953.8	976.1	np	np
Non-Indigenous	np	np	968.0	988.4	np	991.9	994.8	996.0	994.6	np	np
	<b>Rate ratio (g)</b>										
<b>NSW</b>	0.9	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.0	2.9
<b>Qld</b>	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.4
<b>SA</b>	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.0	7.0
<b>NSW, Qld and SA combined</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.9</b>



Table 5A.1.6 **Mothers who attended at least one antenatal care session, by Indigenous status, NSW, Queensland, SA, ACT and the NT, 1998 to 2006 (a)**

	1998	1999	2000	2001	2002	2004	2004	2005	2006	Annual change 1998 to 2006 (c)	% change 1998 to 2006 (d)
ACT	0.9	1.0	1.0	1.0	1.0	1.0	np	np	np	np	np
NT (e)	np	np	1.0	1.0	np	1.0	1.0	1.0	1.0	np	np

(a) Women who gave birth in the period, whether resulting in a live or still birth, if the birthweight is at least 400 grams or the gestational age is 20 weeks or more. Excludes births where mother's Indigenous status was not stated

(b) Data not available for Victoria, WA and Tasmania. Data are available in the ACT but are not of sufficient quality to publish. Jurisdiction level data are based on place where birth occurred, not place of usual residence.

(c) Average annual change in numbers, rates and rate ratios determined using linear regression analyses

(d) Percentage change between 1998 and 2006 based on the average annual change over the period.

(e) In the NT in 1998, 1999 and 2002, a system error occurred where a large number of women had birthing records created with no antenatal care data attached.

(f) Number per 1000 women who gave birth in the period

(g) Rate ratio: Indigenous rate divided by non-Indigenous rate.

np Not published due to data quality issues

Source: AIHW analysis of state/territory perinatal collections (unpublished).

Table 5A.1.7

**Table 5A.1.7 Mothers reporting smoking during pregnancy (per cent)**

	2001 (a)	2002 (a)	2003 (a)	2004 (a)	2005 (b)	2006 (c)
Indigenous	51.9	49.8	52.2	49.7	53.1	52.2
Non-Indigenous	17.8	17.0	15.8	15.3	15.7	15.6

(a) Data are for NSW, WA, SA, the ACT and the NT only. Smoking during pregnancy data were only available for these five jurisdictions.

(b) Data are for NSW, WA, SA, Tasmania, the ACT, the NT and includes six months of Queensland data. For Queensland, smoking status data were collected from 1 July 2005, therefore, these figures include the July-December period for Queensland only.

(c) Data exclude Victoria (include NSW, Queensland, WA, SA, Tasmania, the ACT and the NT).

Sources: AIHW National Perinatal Statistics Unit reports: *Smoking and Pregnancy*, Cat. no. PER 33; *Australia's Mothers and Babies 2004*, Cat. no. PER 34; *Australia's Mothers and Babies 2005*, Cat. no. PER 40; *Australia's Mothers and Babies 2006*, Cat. no. PER 46.

Table 5A.2.1

Table 5A.2.1      **Births by maternal age and remoteness, 2001 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
<b>All Indigenous births</b>							
Median age	years	25.7	25.0	24.9	24.7	23.8	25.0
Less than 20 years	no.	614	433	484	247	469	2 251
Less than 16 years	no.	39	25	29	20	np	163
16 years	no.	70	48	71	30	np	292
17 years	no.	127	83	105	64	96	476
18 years	no.	146	133	134	69	115	596
19 years	no.	232	144	145	64	136	724
20 years and over	no.	3 058	1 796	2 086	927	1 269	9 147
<b>Total (d)</b>	<b>no.</b>	<b>3 672</b>	<b>2 230</b>	<b>2 572</b>	<b>1 173</b>	<b>1 740</b>	<b>11 405</b>
<b>Births to Indigenous mothers</b>							
Less than 20 years	%	16.7	19.4	18.8	21.1	27.0	19.7
Less than 16 years	%	1.1	1.1	1.1	1.7	np	1.4
16 years	%	1.9	2.2	2.8	2.6	np	2.6
17 years	%	3.5	3.7	4.1	5.5	5.5	4.2
18 years	%	4.0	6.0	5.2	5.9	6.6	5.2
19 years	%	6.3	6.5	5.6	5.5	7.8	6.3
20 years and over	%	83.3	80.5	81.1	79.0	72.9	80.2
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Births to Indigenous mothers</b>							
Median age	years	25.5	24.9	24.8	24.5	23.8	24.7

Table 5A.2.1

Table 5A.2.1 Births by maternal age and remoteness, 2001 (a), (b)

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
Less than 20 years	no.	405	275	386	225	462	1 755
Less than 16 years	no.	27	17	26	20	50	140
16 years	no.	49	34	65	29	72	250
17 years	no.	80	55	88	59	96	378
18 years	no.	98	89	100	59	111	456
19 years	no.	151	80	107	58	133	531
20 years and over	no.	1 927	1 097	1 537	786	1 212	6 573
<b>Total (d)</b>	<b>no.</b>	<b>2 332</b>	<b>1 373</b>	<b>1 925</b>	<b>1 012</b>	<b>1 674</b>	<b>8 334</b>
Less than 20 years	%	17.4	20.0	20.1	22.2	27.6	21.1
Less than 16 years	%	1.2	1.2	1.4	2.0	3.0	1.7
16 years	%	2.1	2.5	3.4	2.9	4.3	3.0
17 years	%	3.4	4.0	4.6	5.8	5.7	4.5
18 years	%	4.2	6.5	5.2	5.8	6.6	5.5
19 years	%	6.5	5.8	5.6	5.7	7.9	6.4
20 years and over	%	82.6	79.9	79.8	77.7	72.4	78.9
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	30.5	29.4	29.3	29.4	29.8	30.2
Less than 20 years	no.	5 329	2 437	1 154	171	43	9 163
Less than 16 years	no.	158	52	27	7	np	248
16 years	no.	377	184	72	12	np	649

Table 5A.2.1

Table 5A.2.1 Births by maternal age and remoteness, 2001 (a), (b)

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	no.	855	439	211	25	10	1 540
18 years	no.	1 506	717	341	47	14	2 637
19 years	no.	2 433	1 045	503	80	15	4 089
20 years and over	no.	156 455	39 346	20 322	3 620	1 241	221 540
<b>Total (d)</b>	<b>no.</b>	<b>161 809</b>	<b>41 790</b>	<b>21 482</b>	<b>3 791</b>	<b>1 284</b>	<b>230 764</b>
Less than 20 years	%	3.3	5.8	5.4	4.5	3.3	4.0
Less than 16 years	%	0.1	0.1	0.1	0.2	np	0.1
16 years	%	0.2	0.4	0.3	0.3	np	0.3
17 years	%	0.5	1.1	1.0	0.7	0.8	0.7
18 years	%	0.9	1.7	1.6	1.2	1.1	1.1
19 years	%	1.5	2.5	2.3	2.1	1.2	1.8
20 years and over	%	96.7	94.2	94.6	95.5	96.7	96.0
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	30.5	29.2	29.0	28.6	26.7	30.0
Less than 20 years	no.	6 115	2 925	1 683	426	518	11 704
Less than 16 years	no.	205	79	58	27	52	423
16 years	no.	464	234	148	42	75	968
17 years	no.	1 017	534	324	91	107	2 074
18 years	no.	1 693	871	486	118	130	3 311
19 years	no.	2 736	1 207	667	148	154	4 928

Table 5A.2.1

Table 5A.2.1 Births by maternal age and remoteness, 2001 (a), (b)

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
20 years and over	no.	162 050	41 867	22 857	4 644	2 543	234 538
<b>Total (d)</b>	<b>no.</b>	<b>168 239</b>	<b>44 804</b>	<b>24 549</b>	<b>5 073</b>	<b>3 065</b>	<b>246 394</b>
Less than 20 years	%	3.6	6.5	6.9	8.4	16.9	4.8
Less than 16 years	%	0.1	0.2	0.2	0.5	1.7	0.2
16 years	%	0.3	0.5	0.6	0.8	2.4	0.4
17 years	%	0.6	1.2	1.3	1.8	3.5	0.8
18 years	%	1.0	1.9	2.0	2.3	4.2	1.3
19 years	%	1.6	2.7	2.7	2.9	5.0	2.0
20 years and over	%	96.3	93.4	93.1	91.5	83.0	95.2
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia, 2001 (unpublished).

Table 5A.2.2

Table 5A.2.2      **Births by maternal age and remoteness, 2002 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
<b>All Indigenous births</b>							
Median age	years	25.9	24.9	24.6	24.2	23.7	24.9
Less than 20 years	no.	627	473	524	245	398	2 275
Less than 16 years	no.	41	24	27	17	np	155
16 years	no.	76	56	65	31	np	291
17 years	no.	108	107	127	52	79	474
18 years	no.	178	131	126	67	112	617
19 years	no.	224	155	179	78	100	738
20 years and over	no.	3 281	1 829	2 047	851	1 172	9 195
<b>Total (d)</b>	<b>no.</b>	<b>3 913</b>	<b>2 305</b>	<b>2 575</b>	<b>1 096</b>	<b>1 576</b>	<b>11 488</b>
Less than 20 years	%	16.0	20.5	20.3	22.4	25.3	19.8
Less than 16 years	%	1.0	1.0	1.0	1.6	np	1.3
16 years	%	1.9	2.4	2.5	2.8	np	2.5
17 years	%	2.8	4.6	4.9	4.7	5.0	4.1
18 years	%	4.5	5.7	4.9	6.1	7.1	5.4
19 years	%	5.7	6.7	7.0	7.1	6.3	6.4
20 years and over	%	83.8	79.3	79.5	77.6	74.4	80.0
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Births to Indigenous mothers</b>							
Median age	years	25.6	25.0	24.7	23.9	23.5	24.6

Table 5A.2.2

Table 5A.2.2      **Births by maternal age and remoteness, 2002 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
Less than 20 years	no.	433	308	399	225	392	1 761
Less than 16 years	no.	31	17	23	17	46	133
16 years	no.	58	36	48	30	61	233
17 years	no.	71	74	97	48	78	369
18 years	no.	119	79	104	61	109	473
19 years	no.	154	102	127	69	98	553
20 years and over	no.	2 036	1 120	1 517	736	1 096	6 514
<b>Total (d)</b>	<b>no.</b>	<b>2 473</b>	<b>1 430</b>	<b>1 916</b>	<b>960</b>	<b>1 493</b>	<b>8 292</b>
Less than 20 years	%	17.5	21.5	20.8	23.4	26.3	21.2
Less than 16 years	%	1.3	1.2	1.2	1.8	3.1	1.6
16 years	%	2.3	2.5	2.5	3.1	4.1	2.8
17 years	%	2.9	5.2	5.1	5.0	5.2	4.5
18 years	%	4.8	5.5	5.4	6.4	7.3	5.7
19 years	%	6.2	7.1	6.6	7.2	6.6	6.7
20 years and over	%	82.3	78.3	79.2	76.7	73.4	78.6
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	30.8	29.6	29.4	29.7	30.0	30.4
Less than 20 years	no.	5 267	2 385	1 149	145	49	9 021
Less than 16 years	no.	132	52	24	3	np	213
16 years	no.	393	188	89	6	np	681



Table 5A.2.2

Table 5A.2.2 Births by maternal age and remoteness, 2002 (a), (b)

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	no.	821	423	193	22	8	1 477
18 years	no.	1 501	721	321	47	16	2 612
19 years	no.	2 420	1 001	522	67	19	4 038
20 years and over	no.	161 449	40 037	20 082	3 536	1 192	226 853
<b>Total (d)</b>	<b>no.</b>	<b>166 887</b>	<b>42 450</b>	<b>21 236</b>	<b>3 682</b>	<b>1 241</b>	<b>236 093</b>
Less than 20 years	%	3.2	5.6	5.4	3.9	3.9	3.8
Less than 16 years	%	0.1	0.1	0.1	0.1	np	0.1
16 years	%	0.2	0.4	0.4	0.2	np	0.3
17 years	%	0.5	1.0	0.9	0.6	0.6	0.6
18 years	%	0.9	1.7	1.5	1.3	1.3	1.1
19 years	%	1.5	2.4	2.5	1.8	1.5	1.7
20 years and over	%	96.7	94.3	94.6	96.0	96.1	96.1
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	30.7	29.4	29.0	28.8	26.8	30.2
Less than 20 years	no.	6 012	2 913	1 702	398	450	11 505
Less than 16 years	no.	181	79	55	21	47	383
16 years	no.	478	247	159	39	66	990
17 years	no.	953	541	326	76	87	1 993
18 years	no.	1 711	866	455	116	130	3 287
19 years	no.	2 689	1 180	707	146	120	4 852

Table 5A.2.2

Table 5A.2.2      **Births by maternal age and remoteness, 2002 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
20 years and over	no.	166 622	42 388	22 502	4 453	2 393	238 942
<b>Total (d)</b>	<b>no.</b>	<b>172 829</b>	<b>45 518</b>	<b>24 297</b>	<b>4 855</b>	<b>2 850</b>	<b>250 988</b>
Less than 20 years	%	3.5	6.4	7.0	8.2	15.8	4.6
Less than 16 years	%	0.1	0.2	0.2	0.4	1.6	0.2
16 years	%	0.3	0.5	0.7	0.8	2.3	0.4
17 years	%	0.6	1.2	1.3	1.6	3.1	0.8
18 years	%	1.0	1.9	1.9	2.4	4.6	1.3
19 years	%	1.6	2.6	2.9	3.0	4.2	1.9
20 years and over	%	96.4	93.1	92.6	91.7	84.0	95.2
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

**np** Not published.

*Source:*    *Births, Australia, 2002* (unpublished).

Table 5A.2.3

Table 5A.2.3 Births by maternal age and remoteness, 2003 (a), (b)							
	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
All Indigenous births							
Median age	years	25.7	24.9	24.6	24.1	23.8	24.8
Less than 20 years	no.	636	504	511	262	425	2 343
Less than 16 years	no.	24	27	37	np	np	147
16 years	no.	86	50	59	np	np	313
17 years	no.	132	100	121	51	90	496
18 years	no.	182	144	141	70	106	644
19 years	no.	212	183	153	77	117	743
20 years and over	no.	3 191	1 957	2 033	927	1 255	9 384
Total (d)	no.	3 832	2 469	2 546	1 193	1 680	11 740
Less than 20 years	%	16.6	20.4	20.1	22.0	25.3	20.0
Less than 16 years	%	0.6	1.1	1.5	np	np	1.3
16 years	%	2.2	2.0	2.3	np	np	2.7
17 years	%	3.4	4.1	4.8	4.3	5.4	4.2
18 years	%	4.7	5.8	5.5	5.9	6.3	5.5
19 years	%	5.5	7.4	6.0	6.5	7.0	6.3
20 years and over	%	83.3	79.3	79.9	77.7	74.7	79.9
Total (d)	%	100.0	100.0	100.0	100.0	100.0	100.0
Births to Indigenous mothers							
Median age	years	25.4	24.5	24.6	24.0	23.7	24.6

Table 5A.2.3

Table 5A.2.3 Births by maternal age and remoteness, 2003 (a), (b)							
	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
Less than 20 years	no.	435	348	379	233	415	1 814
Less than 16 years	no.	20	21	34	22	36	132
16 years	no.	62	37	44	39	72	255
17 years	no.	87	71	98	44	87	389
18 years	no.	125	96	100	65	105	492
19 years	no.	141	123	103	63	115	546
20 years and over	no.	2 025	1 201	1 505	794	1 198	6 742
<b>Total (d)</b>	<b>no.</b>	<b>2 463</b>	<b>1 551</b>	<b>1 886</b>	<b>1 030</b>	<b>1 617</b>	<b>8 567</b>
Less than 20 years	%	17.7	22.4	20.1	22.6	25.7	21.2
Less than 16 years	%	0.8	1.4	1.8	2.1	2.2	1.5
16 years	%	2.5	2.4	2.3	3.8	4.5	3.0
17 years	%	3.5	4.6	5.2	4.3	5.4	4.5
18 years	%	5.1	6.2	5.3	6.3	6.5	5.7
19 years	%	5.7	7.9	5.5	6.1	7.1	6.4
20 years and over	%	82.2	77.4	79.8	77.1	74.1	78.7
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	31.0	29.7	29.6	29.7	29.9	30.7
Less than 20 years	no.	4 857	2 129	1 019	126	41	8 189
Less than 16 years	no.	137	53	19	np	np	215
16 years	no.	345	178	75	np	np	610

Table 5A.2.3

Table 5A.2.3		Births by maternal age and remoteness, 2003 (a), (b)					
	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	no.	775	384	180	22	5	1 366
18 years	no.	1 389	579	292	34	10	2 309
19 years	no.	2 211	935	453	63	21	3 689
20 years and over	no.	162 534	39 690	19 729	3 249	1 074	226 869
<b>Total (d)</b>	<b>no.</b>	<b>167 528</b>	<b>41 835</b>	<b>20 756</b>	<b>3 377</b>	<b>1 115</b>	<b>235 219</b>
Less than 20 years	%	2.9	5.1	4.9	3.7	3.7	3.5
Less than 16 years	%	0.1	0.1	0.1	np	np	0.1
16 years	%	0.2	0.4	0.4	np	np	0.3
17 years	%	0.5	0.9	0.9	0.7	0.4	0.6
18 years	%	0.8	1.4	1.4	1.0	0.9	1.0
19 years	%	1.3	2.2	2.2	1.9	1.9	1.6
20 years and over	%	97.0	94.9	95.1	96.2	96.3	96.5
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	31.0	29.5	29.2	28.7	26.7	30.5
Less than 20 years	no.	5 642	2 686	1 571	405	484	10 811
Less than 16 years	no.	164	83	61	25	40	376
16 years	no.	449	230	137	50	81	951
17 years	no.	934	492	310	79	97	1 917
18 years	no.	1 609	740	442	107	120	3 023
19 years	no.	2 486	1 141	621	144	146	4 544

Table 5A.2.3

Table 5A.2.3      **Births by maternal age and remoteness, 2003 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
20 years and over	no.	168 045	42 340	22 167	4 335	2 395	239 895
<b>Total (d)</b>	<b>no.</b>	<b>173 860</b>	<b>45 224</b>	<b>23 811</b>	<b>4 740</b>	<b>2 883</b>	<b>251 161</b>
Less than 20 years	%	3.2	5.9	6.6	8.5	16.8	4.3
Less than 16 years	%	0.1	0.2	0.3	0.5	1.4	0.1
16 years	%	0.3	0.5	0.6	1.1	2.8	0.4
17 years	%	0.5	1.1	1.3	1.7	3.4	0.8
18 years	%	0.9	1.6	1.9	2.3	4.2	1.2
19 years	%	1.4	2.5	2.6	3.0	5.1	1.8
20 years and over	%	96.7	93.6	93.1	91.5	83.1	95.5
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

**np** Not published.

*Source:*    *Births, Australia, 2003* (unpublished).

Table 5A.2.4

Table 5A.2.4      **Births by maternal age and remoteness, 2004 (a), (b)**

		<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
All Indigenous births								
Median age		years	25.9	24.7	24.5	24.4	24.1	24.9
Less than 20 years		no.	717	505	520	248	357	2 351
Less than 16 years		no.	48	30	29	19	np	156
16 years		no.	101	42	58	35	np	288
17 years		no.	157	112	88	49	76	483
18 years		no.	178	142	146	72	102	643
19 years		no.	233	179	199	73	98	781
20 years and over		no.	3 538	2 006	2 056	868	1 157	9 644
<b>Total (d)</b>		<b>no.</b>	<b>4 255</b>	<b>2 511</b>	<b>2 579</b>	<b>1 114</b>	<b>1 517</b>	<b>12 006</b>
Less than 20 years		%	16.9	20.1	20.2	22.3	23.5	19.6
Less than 16 years		%	1.1	1.2	1.1	1.7	np	1.3
16 years		%	2.4	1.7	2.2	3.1	np	2.4
17 years		%	3.7	4.5	3.4	4.4	5.0	4.0
18 years		%	4.2	5.7	5.7	6.5	6.7	5.4
19 years		%	5.5	7.1	7.7	6.6	6.5	6.5
20 years and over		%	83.1	79.9	79.7	77.9	76.3	80.3
<b>Total (d)</b>		<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers								
Median age		years	25.4	24.3	24.4	24.3	24.0	24.6

Table 5A.2.4

Table 5A.2.4      **Births by maternal age and remoteness, 2004 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
Less than 20 years	no.	490	346	409	225	348	1 822
Less than 16 years	no.	38	24	27	18	30	137
16 years	no.	68	25	42	35	51	221
17 years	no.	100	71	74	44	74	365
18 years	no.	130	102	115	65	98	512
19 years	no.	154	124	151	63	95	587
20 years and over	no.	2 180	1 215	1 509	744	1 098	6 766
<b>Total (d)</b>	<b>no.</b>	<b>2 673</b>	<b>1 557</b>	<b>1 921</b>	<b>969</b>	<b>1 451</b>	<b>8 599</b>
Less than 20 years	%	18.3	22.2	21.3	23.2	24.0	21.2
Less than 16 years	%	1.4	1.5	1.4	1.9	2.1	1.6
16 years	%	2.5	1.6	2.2	3.6	3.5	2.6
17 years	%	3.7	4.6	3.9	4.5	5.1	4.2
18 years	%	4.9	6.6	6.0	6.7	6.8	6.0
19 years	%	5.8	8.0	7.9	6.5	6.5	6.8
20 years and over	%	81.6	78.0	78.6	76.8	75.7	78.7
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	31.2	29.9	29.6	29.9	30.2	30.8
Less than 20 years	no.	4 784	2 192	1 048	122	36	8 212
Less than 16 years	no.	116	46	21	3	np	188
16 years	no.	306	179	70	9	np	569



Table 5A.2.4

Table 5A.2.4		Births by maternal age and remoteness, 2004 (a), (b)					
	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	no.	790	371	184	25	7	1 381
18 years	no.	1 414	666	321	29	10	2 453
19 years	no.	2 158	930	452	56	17	3 621
20 years and over	no.	165 022	40 208	19 603	3 364	1 068	229 780
<b>Total (d)</b>	<b>no.</b>	<b>169 826</b>	<b>42 402</b>	<b>20 654</b>	<b>3 486</b>	<b>1 103</b>	<b>238 021</b>
Less than 20 years	%	2.8	5.2	5.1	3.5	3.3	3.5
Less than 16 years	%	0.1	0.1	0.1	0.1	np	0.1
16 years	%	0.2	0.4	0.3	0.3	np	0.2
17 years	%	0.5	0.9	0.9	0.7	0.6	0.6
18 years	%	0.8	1.6	1.6	0.8	0.9	1.0
19 years	%	1.3	2.2	2.2	1.6	1.5	1.5
20 years and over	%	97.2	94.8	94.9	96.5	96.8	96.5
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	31.1	29.7	29.2	28.8	27.0	30.6
Less than 20 years	no.	5 663	2 758	1 605	384	409	10 857
Less than 16 years	no.	171	77	53	21	31	356
16 years	no.	420	224	135	47	55	886
17 years	no.	989	498	282	77	88	1 940
18 years	no.	1 637	826	473	105	113	3 169
19 years	no.	2 446	1 133	662	134	122	4 506

Table 5A.2.4

Table 5A.2.4      **Births by maternal age and remoteness, 2004 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
20 years and over	no.	170 911	42 891	22 081	4 370	2 287	243 088
<b>Total (d)</b>	<b>no.</b>	<b>176 604</b>	<b>45 822</b>	<b>23 763</b>	<b>4 760</b>	<b>2 703</b>	<b>254 246</b>
Less than 20 years	%	3.2	6.0	6.8	8.1	15.1	4.3
Less than 16 years	%	0.1	0.2	0.2	0.4	1.1	0.1
16 years	%	0.2	0.5	0.6	1.0	2.0	0.3
17 years	%	0.6	1.1	1.2	1.6	3.3	0.8
18 years	%	0.9	1.8	2.0	2.2	4.2	1.2
19 years	%	1.4	2.5	2.8	2.8	4.5	1.8
20 years and over	%	96.8	93.6	92.9	91.8	84.6	95.6
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

**np** Not published.

*Source:*    *Births, Australia, 2004* (unpublished).

Table 5A.2.5

Table 5A.2.5      **Births by maternal age and remoteness, 2005 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
All Indigenous births							
Median age	years	25.6	25.1	25.2	24.3	23.8	25.0
Less than 20 years	no.	747	491	490	249	372	2 370
Less than 16 years	no.	39	21	43	np	41	172
16 years	no.	78	56	48	np	48	263
17 years	no.	158	91	100	44	95	490
18 years	no.	199	143	123	62	84	621
19 years	no.	273	180	176	89	104	824
20 years and over	no.	3 399	2 019	2 164	920	1 151	9 705
<b>Total (d)</b>	<b>no.</b>	<b>4 145</b>	<b>2 511</b>	<b>2 658</b>	<b>1 169</b>	<b>1 526</b>	<b>12 078</b>
Less than 20 years	%	18.0	19.6	18.4	21.3	24.4	19.6
Less than 16 years	%	0.9	0.8	1.6	np	2.7	1.4
16 years	%	1.9	2.2	1.8	np	3.1	2.2
17 years	%	3.8	3.6	3.8	3.8	6.2	4.1
18 years	%	4.8	5.7	4.6	5.3	5.5	5.1
19 years	%	6.6	7.2	6.6	7.6	6.8	6.8
20 years and over	%	82.0	80.4	81.4	78.7	75.4	80.4
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers							
Median age	years	25.1	24.7	24.8	23.9	23.6	24.5

Table 5A.2.5

Table 5A.2.5 Births by maternal age and remoteness, 2005 (a), (b)

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
Less than 20 years	no.	522	330	374	217	365	1 829
Less than 16 years	no.	28	19	37	25	41	151
16 years	no.	64	38	42	22	48	220
17 years	no.	100	59	78	40	93	373
18 years	no.	139	101	90	53	80	472
19 years	no.	191	113	127	77	103	613
20 years and over	no.	2 076	1 204	1 558	758	1 079	6 723
<b>Total (d)</b>	<b>no.</b>	<b>2 596</b>	<b>1 534</b>	<b>1 935</b>	<b>977</b>	<b>1 447</b>	<b>8 555</b>
Less than 20 years	%	20.1	21.5	19.3	22.2	25.2	21.4
Less than 16 years	%	1.1	1.2	1.9	2.6	2.8	1.8
16 years	%	2.5	2.5	2.2	2.3	3.3	2.6
17 years	%	3.9	3.8	4.0	4.1	6.4	4.4
18 years	%	5.4	6.6	4.7	5.4	5.5	5.5
19 years	%	7.4	7.4	6.6	7.9	7.1	7.2
20 years and over	%	80.0	78.5	80.5	77.6	74.6	78.6
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	31.3	29.9	29.7	29.8	30.1	30.9
Less than 20 years	no.	4 736	2 115	1 084	136	33	8 126
Less than 16 years	no.	107	50	29	np	–	187
16 years	no.	329	191	77	np	5	618

Table 5A.2.5

Table 5A.2.5		Births by maternal age and remoteness, 2005 (a), (b)					
	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	no.	797	368	205	25	5	1 405
18 years	no.	1 373	582	300	30	13	2 303
19 years	no.	2 130	924	473	66	10	3 613
20 years and over	no.	169 155	41 138	20 012	3 340	1 079	235 163
<b>Total (d)</b>	<b>no.</b>	<b>173 913</b>	<b>43 455</b>	<b>21 189</b>	<b>3 482</b>	<b>1 114</b>	<b>243 642</b>
Less than 20 years	%	2.7	4.9	5.1	3.9	3.0	3.3
Less than 16 years	%	0.1	0.1	0.1	np	–	0.1
16 years	%	0.2	0.4	0.4	np	0.4	0.3
17 years	%	0.5	0.8	1.0	0.7	0.4	0.6
18 years	%	0.8	1.3	1.4	0.9	1.2	0.9
19 years	%	1.2	2.1	2.2	1.9	0.9	1.5
20 years and over	%	97.3	94.7	94.4	95.9	96.9	96.5
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	31.2	29.7	29.2	28.8	26.8	30.7
Less than 20 years	no.	5 616	2 649	1 598	398	417	10 744
Less than 16 years	no.	153	74	74	27	41	374
16 years	no.	418	251	125	43	54	902
17 years	no.	983	469	311	69	103	1 947
18 years	no.	1 610	736	429	97	100	2 993
19 years	no.	2 452	1 119	659	162	119	4 528

Table 5A.2.5

Table 5A.2.5 Births by maternal age and remoteness, 2005 (a), (b)

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
20 years and over	no.	175 173	43 779	22 520	4 382	2 286	248 667
<b>Total (d)</b>	<b>no.</b>	<b>180 824</b>	<b>46 636</b>	<b>24 214</b>	<b>4 787</b>	<b>2 707</b>	<b>259 791</b>
Less than 20 years	%	3.1	5.7	6.6	8.3	15.4	4.1
Less than 16 years	%	0.1	0.2	0.3	0.6	1.5	0.1
16 years	%	0.2	0.5	0.5	0.9	2.0	0.3
17 years	%	0.5	1.0	1.3	1.4	3.8	0.7
18 years	%	0.9	1.6	1.8	2.0	3.7	1.2
19 years	%	1.4	2.4	2.7	3.4	4.4	1.7
20 years and over	%	96.9	93.9	93.0	91.5	84.4	95.7
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

**np** Not published. – Nil or rounded to zero.

Source: *Births, Australia, 2005* (unpublished).

Table 5A.2.6

Table 5A.2.6      **Births by maternal age and remoteness, 2006 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
All Indigenous births							
Median age	years	25.9	25.0	24.7	24.5	24.0	25.0
Less than 20 years	no.	732	500	563	245	357	2 402
Less than 16 years	no.	35	20	37	23	42	157
16 years	no.	78	61	73	26	46	286
17 years	no.	149	105	125	48	68	496
18 years	no.	196	127	138	69	90	622
19 years	no.	274	187	190	79	111	841
20 years and over	no.	3 664	2 169	2 198	931	1 098	10 082
<b>Total (d)</b>	<b>no.</b>	<b>4 395</b>	<b>2 668</b>	<b>2 761</b>	<b>1 178</b>	<b>1 462</b>	<b>12 496</b>
Less than 20 years	%	16.7	18.7	20.4	20.8	24.4	19.2
Less than 16 years	%	0.8	0.7	1.3	2.0	2.9	1.3
16 years	%	1.8	2.3	2.6	2.2	3.1	2.3
17 years	%	3.4	3.9	4.5	4.1	4.7	4.0
18 years	%	4.5	4.8	5.0	5.9	6.2	5.0
19 years	%	6.2	7.0	6.9	6.7	7.6	6.7
20 years and over	%	83.4	81.3	79.6	79.0	75.1	80.7
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers							
Median age	years	25.4	24.7	24.5	24.0	23.8	24.6

Table 5A.2.6

Table 5A.2.6      **Births by maternal age and remoteness, 2006 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
Less than 20 years	no.	496	314	438	233	350	1 833
Less than 16 years	no.	24	13	31	23	42	132
16 years	no.	57	37	58	23	45	221
17 years	no.	108	63	102	45	68	387
18 years	no.	131	76	103	65	90	466
19 years	no.	176	125	144	77	105	627
20 years and over	no.	2 244	1 289	1 613	787	1 029	6 990
<b>Total (d)</b>	<b>no.</b>	<b>2 743</b>	<b>1 605</b>	<b>2 054</b>	<b>1 021</b>	<b>1 385</b>	<b>8 835</b>
Less than 20 years	%	18.1	19.6	21.3	22.8	25.3	20.7
Less than 16 years	%	0.9	0.8	1.5	2.3	3.0	1.5
16 years	%	2.1	2.3	2.8	2.3	3.2	2.5
17 years	%	3.9	3.9	5.0	4.4	4.9	4.4
18 years	%	4.8	4.7	5.0	6.4	6.5	5.3
19 years	%	6.4	7.8	7.0	7.5	7.6	7.1
20 years and over	%	81.8	80.3	78.5	77.1	74.3	79.1
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	31.4	30.0	29.6	29.8	30.1	31.0
Less than 20 years	no.	4 666	2 083	1 011	143	42	7 954
Less than 16 years	no.	112	40	19	3	3	177
16 years	no.	332	144	76	8	4	565



Table 5A.2.6

Table 5A.2.6	Births by maternal age and remoteness, 2006 (a), (b)						
	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	no.	747	346	165	30	4	1 296
18 years	no.	1 313	623	311	29	12	2 290
19 years	no.	2 162	930	440	73	19	3 626
20 years and over	no.	174 212	42 115	20 559	3 454	1 121	241 909
<b>Total (d)</b>	<b>no.</b>	<b>178 887</b>	<b>44 499</b>	<b>21 724</b>	<b>3 606</b>	<b>1 166</b>	<b>250 338</b>
Less than 20 years	%	2.6	4.7	4.7	4.0	3.6	3.2
Less than 16 years	%	0.1	0.1	0.1	0.1	0.3	0.1
16 years	%	0.2	0.3	0.3	0.2	0.3	0.2
17 years	%	0.4	0.8	0.8	0.8	0.3	0.5
18 years	%	0.7	1.4	1.4	0.8	1.0	0.9
19 years	%	1.2	2.1	2.0	2.0	1.6	1.4
20 years and over	%	97.4	94.6	94.6	95.8	96.1	96.6
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	31.3	29.8	29.2	28.8	27.2	30.8
Less than 20 years	no.	5 494	2 618	1 607	397	415	10 552
Less than 16 years	no.	151	61	57	27	45	342
16 years	no.	416	207	149	34	52	864
17 years	no.	909	458	293	79	76	1 820
18 years	no.	1 535	756	462	102	106	2 965
19 years	no.	2 483	1 136	646	155	136	4 561

Table 5A.2.6

Table 5A.2.6      **Births by maternal age and remoteness, 2006 (a), (b)**

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
20 years and over	no.	179 793	44 837	23 024	4 464	2 265	254 880
<b>Total (d)</b>	<b>no.</b>	<b>185 295</b>	<b>47 767</b>	<b>24 799</b>	<b>4 870</b>	<b>2 692</b>	<b>265 949</b>
Less than 20 years	%	3.0	5.5	6.5	8.2	15.4	4.0
Less than 16 years	%	0.1	0.1	0.2	0.6	1.7	0.1
16 years	%	0.2	0.4	0.6	0.7	1.9	0.3
17 years	%	0.5	1.0	1.2	1.6	2.8	0.7
18 years	%	0.8	1.6	1.9	2.1	3.9	1.1
19 years	%	1.3	2.4	2.6	3.2	5.1	1.7
20 years and over	%	97.0	93.9	92.8	91.7	84.1	95.8
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

Source: *Births, Australia, 2006* (unpublished).

Table 5A.2.7

Table 5A.2.7      **Births by maternal age and remoteness, 2007 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
<b>All Indigenous births</b>							
Median age	years	26.1	25.1	25.0	24.4	23.7	25.1
Less than 20	no.	772	521	573	253	419	2 549
Less than 16 years	no.	47	27	43	27	np	182
16 years	no.	79	48	60	31	np	272
17 years	no.	160	102	111	69	80	525
18 years	no.	218	150	156	58	114	700
19 years	no.	268	194	203	68	133	870
20–24 years	no.	1 519	936	967	419	569	4 428
25–29 years	no.	1 262	716	759	293	395	3 441
30–34 years	no.	966	471	511	188	211	2 364
35 years and over	no.	629	289	260	94	127	1 402
<b>Total (d)</b>	<b>no.</b>	<b>5 147</b>	<b>2 931</b>	<b>3 069</b>	<b>1 248</b>	<b>1 724</b>	<b>14 192</b>
Less than 20	%	15.0	17.8	18.7	20.3	24.3	18.0
Less than 16 years	%	0.9	0.9	1.4	2.2	np	1.3
16 years	%	1.5	1.6	2.0	2.5	np	1.9
17 years	%	3.1	3.5	3.6	5.5	4.6	3.7
18 years	%	4.2	5.1	5.1	4.6	6.6	4.9
19 years	%	5.2	6.6	6.6	5.4	7.7	6.1
20–24 years	%	29.5	31.9	31.5	33.6	33.0	31.2
25–29 years	%	24.5	24.4	24.7	23.5	22.9	24.2
30–34 years	%	18.8	16.1	16.7	15.1	12.2	16.7

Table 5A.2.7

Table 5A.2.7      **Births by maternal age and remoteness, 2007 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
35 years and over	%	12.2	9.9	8.5	7.5	7.4	9.9
<b>Total (d)</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers							
Median age	years	25.8	24.7	24.7	24.3	23.6	24.7
Less than 20	no.	529	342	447	223	407	1 962
Less than 16 years	no.	33	22	35	25	37	154
16 years	no.	54	32	53	28	52	220
17 years	no.	115	68	86	64	78	414
18 years	no.	145	91	119	49	112	521
19 years	no.	182	129	154	57	128	653
20–24 years	no.	1 003	595	740	359	545	3 261
25–29 years	no.	774	412	560	252	377	2 385
30–34 years	no.	624	274	367	155	190	1 625
35 years and over	no.	382	166	191	82	115	944
<b>Total (d)</b>	<b>no.</b>	<b>3 315</b>	<b>1 792</b>	<b>2 303</b>	<b>1 071</b>	<b>1 636</b>	<b>10 185</b>
Less than 20	%	16.0	19.1	19.4	20.8	24.9	19.3
Less than 16 years	%	1.0	1.2	1.5	2.3	2.3	1.5
16 years	%	1.6	1.8	2.3	2.6	3.2	2.2
17 years	%	3.5	3.8	3.7	6.0	4.8	4.1
18 years	%	4.4	5.1	5.2	4.6	6.8	5.1
19 years	%	5.5	7.2	6.7	5.3	7.8	6.4

Table 5A.2.7

Table 5A.2.7      **Births by maternal age and remoteness, 2007 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
20–24 years	%	30.3	33.2	32.1	33.5	33.3	32.0
25–29 years	%	23.3	23.0	24.3	23.5	23.0	23.4
30–34 years	%	18.8	15.3	15.9	14.5	11.6	16.0
35 years and over	%	11.5	9.3	8.3	7.7	7.0	9.3
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births							
Median age	years	31.4	29.8	29.6	29.7	30.2	31.0
Less than 20	no.	4 778	2 322	1 139	153	35	8 455
Less than 16 years	no.	133	67	33	4	np	238
16 years	no.	326	171	76	11	np	587
17 years	no.	792	420	189	15	4	1 423
18 years	no.	1 318	664	324	46	10	2 371
19 years	no.	2 209	1 000	517	77	19	3 836
20–24 years	no.	22 442	8 308	4 227	653	186	35 900
25–29 years	no.	49 518	13 463	7 004	1 148	364	71 641
30–34 years	no.	66 875	14 145	6 835	1 141	383	89 581
35 years and over	no.	47 144	8 978	4 308	633	241	61 449
<b>Total (d)</b>	<b>no.</b>	<b>190 771</b>	<b>47 386</b>	<b>23 600</b>	<b>3 737</b>	<b>1 211</b>	<b>267 318</b>
Less than 20	%	2.5	4.9	4.8	4.1	2.9	3.2
Less than 16 years	%	0.1	0.1	0.1	0.1	np	0.1
16 years	%	0.2	0.4	0.3	0.3	np	0.2

Table 5A.2.7

Table 5A.2.7      **Births by maternal age and remoteness, 2007 (a), (b)**

	Unit	Major cities	Inner regional	Outer regional	Remote	Very remote	Aust (c)
17 years	%	0.4	0.9	0.8	0.4	0.3	0.5
18 years	%	0.7	1.4	1.4	1.2	0.8	0.9
19 years	%	1.2	2.1	2.2	2.1	1.6	1.4
20–24 years	%	11.8	17.5	17.9	17.5	15.4	13.4
25–29 years	%	26.0	28.4	29.7	30.7	30.1	26.8
30–34 years	%	35.1	29.9	29.0	30.5	31.6	33.5
35 years and over	%	24.7	18.9	18.3	16.9	19.9	23.0
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (e)							
Median age	years	31.3	29.6	29.1	28.6	26.7	30.7
Less than 20	no.	5 663	2 871	1 736	421	465	11 204
Less than 16 years	no.	181	94	76	32	40	427
16 years	no.	418	221	139	44	58	882
17 years	no.	981	527	302	86	85	1 988
18 years	no.	1 564	821	487	107	127	3 119
19 years	no.	2 519	1 208	732	152	155	4 788
20–24 years	no.	24 341	9 341	5 251	1 091	766	40 907
25–29 years	no.	51 412	14 327	7 850	1 466	773	75 998
30–34 years	no.	68 665	14 774	7 437	1 361	605	93 072
35 years and over	no.	48 433	9 382	4 623	738	372	63 709
<b>Total (d)</b>	<b>no.</b>	<b>198 535</b>	<b>50 871</b>	<b>26 985</b>	<b>5 090</b>	<b>2 985</b>	<b>285 213</b>

Table 5A.2.7

Table 5A.2.7      **Births by maternal age and remoteness, 2007 (a), (b)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (c)</i>
Less than 20	%	2.9	5.6	6.4	8.3	15.6	3.9
Less than 16 years	%	0.1	0.2	0.3	0.6	1.3	0.1
16 years	%	0.2	0.4	0.5	0.9	1.9	0.3
17 years	%	0.5	1.0	1.1	1.7	2.8	0.7
18 years	%	0.8	1.6	1.8	2.1	4.3	1.1
19 years	%	1.3	2.4	2.7	3.0	5.2	1.7
20–24 years	%	12.3	18.4	19.5	21.4	25.7	14.3
25–29 years	%	25.9	28.2	29.1	28.8	25.9	26.6
30–34 years	%	34.6	29.0	27.6	26.7	20.3	32.6
35 years and over	%	24.4	18.4	17.1	14.5	12.5	22.3
<b>Total (d)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

(d) Includes not stated age of mother.

(e) Includes births where the Indigenous status of the mother or father was unknown or not stated.

**np** Not published.

Source: *Births, Australia, 2007* (unpublished).

Table 5A.2.8

**Table 5A.2.8 Births to teenage mothers as a proportion of births, by Indigenous status and remoteness area, 2001–2007 (a), (b), (c), (d)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (d)</i>
<b>Indigenous births</b>							
2001	%	16.7	19.4	18.8	21.1	27.0	19.7
2002	%	16.0	20.5	20.3	22.4	25.3	19.8
2003	%	16.6	20.4	20.1	22.0	25.3	20.0
2004	%	16.9	20.1	20.2	22.3	23.5	19.6
2005	%	18.0	19.6	18.4	21.3	24.4	19.6
2006	%	16.7	18.7	20.4	20.8	24.4	19.2
2007	%	15.0	17.8	18.7	20.3	24.3	18.0
<b>Births to Indigenous mothers</b>							
2001	%	17.4	20.0	20.1	22.2	27.6	21.1
2002	%	17.5	21.5	20.8	23.4	26.3	21.2
2003	%	17.7	22.4	20.1	22.6	25.7	21.2
2004	%	18.3	22.2	21.3	23.2	24.0	21.2
2005	%	20.1	21.5	19.3	22.2	25.2	21.4
2006	%	18.1	19.6	21.3	22.8	25.3	20.7
2007	%	16.0	19.1	19.4	20.8	24.9	19.3
<b>Non-Indigenous births</b>							
2001	%	3.3	5.8	5.4	4.5	3.3	4.0
2002	%	3.2	5.6	5.4	3.9	3.9	3.8
2003	%	2.9	5.1	4.9	3.7	3.7	3.5
2004	%	2.8	5.2	5.1	3.5	3.3	3.5



Table 5A.2.8

**Table 5A.2.8 Births to teenage mothers as a proportion of births, by Indigenous status and remoteness area, 2001–2007 (a), (b), (c), (d)**

	<i>Unit</i>	<i>Major cities</i>	<i>Inner regional</i>	<i>Outer regional</i>	<i>Remote</i>	<i>Very remote</i>	<i>Aust (d)</i>
2005	%	2.7	4.9	5.1	3.9	3.0	3.3
2006	%	2.6	4.7	4.7	4.0	3.6	3.2
2007	%	2.5	4.9	4.8	4.1	2.9	3.2

(a) Remoteness area data excludes births where place of usual residence is undefined, overseas, offshore and migratory and data which is otherwise uncodeable.

(b) Remoteness areas are approximated due to converting births by statistical local area to remoteness areas. Data for remoteness areas are rounded, as a result sums of components may not add to totals.

(c) Denominator Includes not stated age of mother.

(d) Includes births to mothers where place of usual residence is undefined, overseas, offshore and migratory.

Source: *Births, Australia, 1998-2007* (unpublished).

Table 5A.2.9

Table 5A.2.9 Births by maternal age and State/Territory, 1998

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	24.8	25.7	25.2	24.0	25.4	25.9	np	23.6	24.8
Less than 20 years	no.	583	81	533	339	113	55	8	340	2 052
Less than 16 years	no.	34	np	33	39	6	np	np	56	176
16 years	no.	69	np	62	47	11	np	np	63	270
17 years	no.	129	14	116	79	30	np	np	69	450
18 years	no.	159	20	149	82	25	np	np	66	513
19 years	no.	192	33	173	92	41	np	np	86	643
20 years and over	no.	2 431	509	2 551	1 129	541	245	34	944	8 385
<b>Total (b)</b>	<b>no.</b>	<b>3 014</b>	<b>590</b>	<b>3 085</b>	<b>1 468</b>	<b>661</b>	<b>300</b>	<b>42</b>	<b>1 284</b>	<b>10 445</b>
Less than 20 years	%	19.3	13.7	17.3	23.1	17.1	18.3	19.0	26.5	19.6
Less than 16 years	%	1.1	np	1.1	2.7	0.9	np	np	4.4	1.7
16 years	%	2.3	np	2.0	3.2	1.7	np	np	4.9	2.6
17 years	%	4.3	2.4	3.8	5.4	4.5	np	np	5.4	4.3
18 years	%	5.3	3.4	4.8	5.6	3.8	np	np	5.1	4.9
19 years	%	6.4	5.6	5.6	6.3	6.2	np	np	6.7	6.2
20 years and over	%	80.7	86.3	82.7	76.9	81.8	81.7	81.0	73.5	80.3
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	24.7	25.8	25.1	23.8	24.8	26.2	np	23.5	24.6

Table 5A.2.9

Table 5A.2.9 Births by maternal age and State/Territory, 1998

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	399	55	392	284	90	np	np	329	1 584
Less than 16 years	no.	31	np	32	37	6	np	np	56	167
16 years	no.	43	np	42	43	8	np	np	60	207
17 years	no.	92	8	90	67	24	np	np	65	355
18 years	no.	111	15	106	63	19	np	np	66	387
19 years	no.	122	23	122	74	33	np	np	82	468
20 years and over	no.	1 633	328	1 872	881	373	np	np	852	6 111
<b>Total (b)</b>	<b>no.</b>	<b>2 032</b>	<b>383</b>	<b>2 265</b>	<b>1 165</b>	<b>469</b>	<b>182</b>	<b>25</b>	<b>1 181</b>	<b>7 702</b>
Less than 20 years	%	19.6	14.4	17.3	24.4	19.2	np	np	27.9	20.6
Less than 16 years	%	1.5	np	1.4	3.2	1.3	np	np	4.7	2.2
16 years	%	2.1	np	1.9	3.7	1.7	np	np	5.1	2.7
17 years	%	4.5	2.1	4.0	5.8	5.1	np	np	5.5	4.6
18 years	%	5.5	3.9	4.7	5.4	4.1	np	np	5.6	5.0
19 years	%	6.0	6.0	5.4	6.4	7.0	np	np	6.9	6.1
20 years and over	%	80.4	85.6	82.6	75.6	79.5	np	np	72.1	79.3
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	29.6	30.2	29.0	29.5	29.9	28.8	np	28.9	29.6
Less than 20 years	no.	3 340	1 819	2 332	1 019	627	352	125	128	9 742
Less than 16 years	no.	83	np	62	24	9	np	np	3	240
16 years	no.	243	np	208	81	45	np	np	15	770

Table 5A.2.9

Table 5A.2.9 Births by maternal age and State/Territory, 1998

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	624	309	430	192	105	np	np	24	1 793
18 years	no.	952	566	657	296	190	np	np	37	2 830
19 years	no.	1 438	761	975	426	278	np	np	49	4 109
20 years and over	no.	79 064	57 131	41 554	22 228	16 894	5 323	3 670	2 228	228 126
<b>Total (b)</b>	<b>no.</b>	<b>82 426</b>	<b>58 962</b>	<b>43 887</b>	<b>23 248</b>	<b>17 525</b>	<b>5 678</b>	<b>3 829</b>	<b>2 357</b>	<b>237 946</b>
Less than 20 years	%	4.1	3.1	5.3	4.4	3.6	6.2	3.3	5.4	4.1
Less than 16 years	%	0.1	np	0.1	0.1	0.1	np	np	0.1	0.1
16 years	%	0.3	np	0.5	0.3	0.3	np	np	0.6	0.3
17 years	%	0.8	0.5	1.0	0.8	0.6	np	np	1.0	0.8
18 years	%	1.2	1.0	1.5	1.3	1.1	np	np	1.6	1.2
19 years	%	1.7	1.3	2.2	1.8	1.6	np	np	2.1	1.7
20 years and over	%	95.9	96.9	94.7	95.6	96.4	93.7	95.8	94.5	95.9
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	29.5	30.2	28.8	29.3	29.8	28.6	29.9	27.4	29.5
Less than 20 years	no.	3 929	1 935	2 873	1 358	741	407	138	468	11 849
Less than 16 years	no.	117	45	96	63	15	np	np	59	417
16 years	no.	314	152	270	128	56	np	np	78	1 042
17 years	no.	754	326	547	271	135	97	27	93	2 250
18 years	no.	1 113	596	811	378	216	99	46	103	3 362
19 years	no.	1 631	816	1 149	518	319	158	52	135	4 778

Table 5A.2.9

Table 5A.2.9 Births by maternal age and State/Territory, 1998

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (a)</i>
20 years and over	no.	81 548	58 540	44 170	23 358	17 474	5 568	3 810	3 172	237 675
<b>Total (b)</b>	<b>no.</b>	<b>85 499</b>	<b>60 492</b>	<b>47 046</b>	<b>24 717</b>	<b>18 226</b>	<b>5 978</b>	<b>3 982</b>	<b>3 641</b>	<b>249 616</b>
Less than 20 years	%	4.6	3.2	6.1	5.5	4.1	6.8	3.5	12.9	4.7
Less than 16 years	%	0.1	0.1	0.2	0.3	0.1	np	np	1.6	0.2
16 years	%	0.4	0.3	0.6	0.5	0.3	np	np	2.1	0.4
17 years	%	0.9	0.5	1.2	1.1	0.7	1.6	0.7	2.6	0.9
18 years	%	1.3	1.0	1.7	1.5	1.2	1.7	1.2	2.8	1.3
19 years	%	1.9	1.3	2.4	2.1	1.8	2.6	1.3	3.7	1.9
20 years and over	%	95.4	96.8	93.9	94.5	95.9	93.1	95.7	87.1	95.2
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes age not stated of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 1998 (unpublished).

Table 5A.2.10

Table 5A.2.10 Births by maternal age and State/Territory, 1999

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	24.9	25.2	24.7	24.3	25.5	25.2	np	23.4	24.6
Less than 20 years	no.	578	77	549	382	114	56	9	391	2 156
Less than 16 years	no.	37	7	26	32	4	np	np	50	156
16 years	no.	75	3	64	53	12	np	np	57	271
17 years	no.	140	18	109	84	23	np	np	95	484
18 years	no.	147	19	149	103	28	np	np	96	564
19 years	no.	179	30	201	110	47	np	np	93	681
20 years and over	no.	2 472	444	2 425	1 173	522	283	66	1 026	8 413
<b>Total (b)</b>	<b>no.</b>	<b>3 052</b>	<b>521</b>	<b>2 974</b>	<b>1 558</b>	<b>640</b>	<b>339</b>	<b>75</b>	<b>1 419</b>	<b>10 580</b>
Less than 20 years	%	18.9	14.8	18.5	24.5	17.8	16.5	12.0	27.6	20.4
Less than 16 years	%	1.2	1.3	0.9	2.1	0.6	np	np	3.5	1.5
16 years	%	2.5	0.6	2.2	3.4	1.9	np	np	4.0	2.6
17 years	%	4.6	3.5	3.7	5.4	3.6	np	np	6.7	4.6
18 years	%	4.8	3.6	5.0	6.6	4.4	np	np	6.8	5.3
19 years	%	5.9	5.8	6.8	7.1	7.3	np	np	6.6	6.4
20 years and over	%	81.0	85.2	81.5	75.3	81.6	83.5	88.0	72.3	79.5
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	24.7	25.4	24.5	24.4	25.4	25.0	np	23.3	24.4

Table 5A.2.10

Table 5A.2.10 Births by maternal age and State/Territory, 1999

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	395	45	416	294	90	35	5	369	1 649
Less than 16 years	no.	25	np	24	28	3	np	np	50	132
16 years	no.	57	np	55	43	10	np	np	54	227
17 years	no.	87	8	71	63	18	np	np	90	346
18 years	no.	106	14	118	79	23	np	np	90	446
19 years	no.	120	18	148	81	36	np	np	85	498
20 years and over	no.	1 664	253	1 740	935	359	158	30	935	6 076
<b>Total (b)</b>	<b>no.</b>	<b>2 060</b>	<b>298</b>	<b>2 156</b>	<b>1 232</b>	<b>453</b>	<b>193</b>	<b>35</b>	<b>1 306</b>	<b>7 735</b>
Less than 20 years	%	19.2	15.1	19.3	23.9	19.9	18.1	14.3	28.3	21.3
Less than 16 years	%	1.2	np	1.1	2.3	0.7	np	np	3.8	1.7
16 years	%	2.8	np	2.6	3.5	2.2	np	np	4.1	2.9
17 years	%	4.2	2.7	3.3	5.1	4.0	np	np	6.9	4.5
18 years	%	5.1	4.7	5.5	6.4	5.1	np	np	6.9	5.8
19 years	%	5.8	6.0	6.9	6.6	7.9	np	np	6.5	6.4
20 years and over	%	80.8	84.9	80.7	75.9	79.2	81.9	85.7	71.6	78.6
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	29.8	30.4	29.2	29.7	30.1	28.8	np	29.4	29.8
Less than 20 years	no.	3 403	1 606	2 203	1 012	644	403	126	80	9 477
Less than 16 years	no.	97	45	66	28	10	np	np	–	262
16 years	no.	254	112	176	86	41	np	np	3	706

Table 5A.2.10

Table 5A.2.10 Births by maternal age and State/Territory, 1999

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	601	264	423	164	101	np	np	12	1 662
18 years	no.	958	478	609	307	209	np	np	24	2 746
19 years	no.	1 493	707	929	427	283	np	np	41	4 101
20 years and over	no.	80 286	56 055	40 302	22 254	16 544	5 287	3 981	2 019	226 766
<b>Total (b)</b>	<b>no.</b>	<b>83 691</b>	<b>57 665</b>	<b>42 506</b>	<b>23 266</b>	<b>17 190</b>	<b>5 693</b>	<b>4 178</b>	<b>2 101</b>	<b>236 328</b>
Less than 20 years	%	4.1	2.8	5.2	4.3	3.7	7.1	3.0	3.8	4.0
Less than 16 years	%	0.1	0.1	0.2	0.1	0.1	np	np	–	0.1
16 years	%	0.3	0.2	0.4	0.4	0.2	np	np	0.1	0.3
17 years	%	0.7	0.5	1.0	0.7	0.6	np	np	0.6	0.7
18 years	%	1.1	0.8	1.4	1.3	1.2	np	np	1.1	1.2
19 years	%	1.8	1.2	2.2	1.8	1.6	np	np	2.0	1.7
20 years and over	%	95.9	97.2	94.8	95.7	96.2	92.9	95.3	96.1	96.0
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	29.6	30.4	28.9	29.4	29.9	28.6	30.2	27.5	29.7
Less than 20 years	no.	3 988	1 713	2 818	1 401	763	459	135	474	11 751
Less than 16 years	no.	134	54	94	60	14	13	3	50	422
16 years	no.	330	115	245	140	54	35	6	60	985
17 years	no.	743	287	545	248	124	89	23	108	2 167
18 years	no.	1 108	511	778	412	240	140	43	120	3 352
19 years	no.	1 673	746	1 156	541	331	182	60	136	4 825



Table 5A.2.10

Table 5A.2.10 Births by maternal age and State/Territory, 1999

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (a)</i>
20 years and over	no.	82 792	57 158	43 684	23 445	17 188	5 570	4 047	3 096	237 020
<b>Total (b)</b>	<b>no.</b>	<b>86 784</b>	<b>58 875</b>	<b>46 503</b>	<b>24 849</b>	<b>17 958</b>	<b>6 032</b>	<b>4 253</b>	<b>3 576</b>	<b>248 870</b>
Less than 20 years	%	4.6	2.9	6.1	5.6	4.2	7.6	3.2	13.3	4.7
Less than 16 years	%	0.2	0.1	0.2	0.2	0.1	0.2	0.1	1.4	0.2
16 years	%	0.4	0.2	0.5	0.6	0.3	0.6	0.1	1.7	0.4
17 years	%	0.9	0.5	1.2	1.0	0.7	1.5	0.5	3.0	0.9
18 years	%	1.3	0.9	1.7	1.7	1.3	2.3	1.0	3.4	1.3
19 years	%	1.9	1.3	2.5	2.2	1.8	3.0	1.4	3.8	1.9
20 years and over	%	95.4	97.1	93.9	94.3	95.7	92.3	95.2	86.6	95.2
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 1999 (unpublished).

Table 5A.2.11

Table 5A.2.11 Births by maternal age and State/Territory, 2000

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	24.7	26.2	25.3	24.2	25.7	24.4	np	23.6	24.8
Less than 20 years	no.	617	71	594	400	105	69	11	430	2 299
Less than 16 years	no.	32	np	38	41	3	np	np	np	170
16 years	no.	82	np	70	47	8	np	np	np	295
17 years	no.	136	17	127	96	20	np	np	102	520
18 years	no.	153	16	163	111	32	np	np	108	606
19 years	no.	214	27	196	105	42	np	np	102	708
20 years and over	no.	2 374	381	2 577	1 320	524	267	46	1 096	8 587
<b>Total (b)</b>	<b>no.</b>	<b>2 991</b>	<b>452</b>	<b>3 172</b>	<b>1 721</b>	<b>632</b>	<b>336</b>	<b>57</b>	<b>1 530</b>	<b>10 895</b>
Less than 20 years	%	20.6	15.7	18.7	23.2	16.6	20.5	19.3	28.1	21.1
Less than 16 years	%	1.1	np	1.2	2.4	0.5	np	np	np	1.6
16 years	%	2.7	np	2.2	2.7	1.3	np	np	np	2.7
17 years	%	4.5	3.8	4.0	5.6	3.2	np	np	6.7	4.8
18 years	%	5.1	3.5	5.1	6.4	5.1	np	np	7.1	5.6
19 years	%	7.2	6.0	6.2	6.1	6.6	np	np	6.7	6.5
20 years and over	%	79.4	84.3	81.2	76.7	82.9	79.5	80.7	71.6	78.8
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	24.5	25.8	25.1	23.8	25.5	24.1	np	23.4	24.5

Table 5A.2.11

Table 5A.2.11 Births by maternal age and State/Territory, 2000

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	440	53	455	348	84	41	6	423	1 852
Less than 16 years	no.	27	np	29	39	3	np	np	50	152
16 years	no.	62	np	59	43	7	np	np	68	255
17 years	no.	92	11	95	85	15	np	np	100	415
18 years	no.	107	13	127	94	25	np	np	106	482
19 years	no.	152	19	145	87	34	np	np	99	548
20 years and over	no.	1 554	220	1 884	1 039	376	156	23	1 003	6 257
<b>Total (b)</b>	<b>no.</b>	<b>1 994</b>	<b>273</b>	<b>2 340</b>	<b>1 388</b>	<b>463</b>	<b>197</b>	<b>29</b>	<b>1 430</b>	<b>8 118</b>
Less than 20 years	%	22.1	19.4	19.4	25.1	18.1	20.8	20.7	29.6	22.8
Less than 16 years	%	1.4	np	1.2	2.8	0.6	np	np	3.5	1.9
16 years	%	3.1	np	2.5	3.1	1.5	np	np	4.8	3.1
17 years	%	4.6	4.0	4.1	6.1	3.2	np	np	7.0	5.1
18 years	%	5.4	4.8	5.4	6.8	5.4	np	np	7.4	5.9
19 years	%	7.6	7.0	6.2	6.3	7.3	np	np	6.9	6.8
20 years and over	%	77.9	80.6	80.5	74.9	81.2	79.2	79.3	70.1	77.1
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	30.0	30.6	29.4	29.9	30.3	28.9	np	30.2	30.0
Less than 20 years	no.	2 997	1 633	2 217	983	631	370	112	60	9 003
Less than 16 years	no.	77	np	47	17	18	np	np	np	210
16 years	no.	202	np	184	69	55	np	np	np	680

Table 5A.2.11

Table 5A.2.11 Births by maternal age and State/Territory, 2000

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	540	251	402	164	105	np	np	5	1 557
18 years	no.	832	468	677	294	164	np	np	17	2 602
19 years	no.	1 346	757	907	439	289	np	np	29	3 954
20 years and over	no.	80 682	56 409	40 742	21 828	16 157	4 984	3 813	2 082	226 734
<b>Total (b)</b>	<b>no.</b>	<b>83 683</b>	<b>58 044</b>	<b>42 962</b>	<b>22 811</b>	<b>16 790</b>	<b>5 355</b>	<b>3 980</b>	<b>2 144</b>	<b>235 806</b>
Less than 20 years	%	3.6	2.8	5.2	4.3	3.8	6.9	2.8	2.8	3.8
Less than 16 years	%	0.1	np	0.1	0.1	0.1	np	np	np	0.1
16 years	%	0.2	np	0.4	0.3	0.3	np	np	np	0.3
17 years	%	0.6	0.4	0.9	0.7	0.6	np	np	0.2	0.7
18 years	%	1.0	0.8	1.6	1.3	1.0	np	np	0.8	1.1
19 years	%	1.6	1.3	2.1	1.9	1.7	np	np	1.4	1.7
20 years and over	%	96.4	97.2	94.8	95.7	96.2	93.1	95.8	97.1	96.2
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	29.8	30.5	29.1	29.6	30.1	28.7	30.2	27.7	29.8
Less than 20 years	no.	3 627	1 729	2 897	1 408	757	439	124	491	11 474
Less than 16 years	no.	109	41	89	58	21	np	np	51	384
16 years	no.	285	128	264	117	64	np	np	76	989
17 years	no.	681	272	540	263	130	82	29	107	2 105
18 years	no.	989	490	864	412	200	131	41	126	3 254
19 years	no.	1 563	798	1 140	558	342	167	43	131	4 742

Table 5A.2.11

Table 5A.2.11 Births by maternal age and State/Territory, 2000

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (a)</i>
20 years and over	no.	83 121	57 440	44 377	23 684	17 096	5 252	3 886	3 188	238 083
<b>Total (b)</b>	<b>no.</b>	<b>86 752</b>	<b>59 171</b>	<b>47 278</b>	<b>25 093</b>	<b>17 859</b>	<b>5 692</b>	<b>4 065</b>	<b>3 685</b>	<b>249 636</b>
Less than 20 years	%	4.2	2.9	6.1	5.6	4.2	7.7	3.1	13.3	4.6
Less than 16 years	%	0.1	0.1	0.2	0.2	0.1	np	np	1.4	0.2
16 years	%	0.3	0.2	0.6	0.5	0.4	np	np	2.1	0.4
17 years	%	0.8	0.5	1.1	1.0	0.7	1.4	0.7	2.9	0.8
18 years	%	1.1	0.8	1.8	1.6	1.1	2.3	1.0	3.4	1.3
19 years	%	1.8	1.3	2.4	2.2	1.9	2.9	1.1	3.6	1.9
20 years and over	%	95.8	97.1	93.9	94.4	95.7	92.3	95.6	86.5	95.4
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2000 (unpublished).

Table 5A.2.12

Table 5A.2.12 Births by maternal age and State/Territory, 2001

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	25.2	25.9	25.2	24.6	25.5	24.7	np	24.2	25.0
Less than 20 years	no.	575	86	604	342	96	91	9	448	2 251
Less than 16 years	no.	38	np	41	26	5	np	np	49	163
16 years	no.	72	np	80	43	10	np	np	67	292
17 years	no.	126	14	129	76	18	np	np	97	476
18 years	no.	141	24	171	81	27	np	np	115	596
19 years	no.	198	35	183	116	36	np	np	120	724
20 years and over	no.	2 535	436	2 733	1 254	513	376	58	1 240	9 147
<b>Total (b)</b>	<b>no.</b>	<b>3 112</b>	<b>522</b>	<b>3 337</b>	<b>1 597</b>	<b>612</b>	<b>468</b>	<b>67</b>	<b>1 688</b>	<b>11 405</b>
Less than 20 years	%	18.5	16.5	18.1	21.4	15.7	19.4	13.4	26.5	19.7
Less than 16 years	%	1.2	np	1.2	1.6	0.8	np	np	2.9	1.4
16 years	%	2.3	np	2.4	2.7	1.6	np	np	4.0	2.6
17 years	%	4.0	2.7	3.9	4.8	2.9	np	np	5.7	4.2
18 years	%	4.5	4.6	5.1	5.1	4.4	np	np	6.8	5.2
19 years	%	6.4	6.7	5.5	7.3	5.9	np	np	7.1	6.3
20 years and over	%	81.5	83.5	81.9	78.5	83.8	80.3	86.6	73.5	80.2
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	25.0	25.7	24.9	24.3	25.9	24.7	np	24.0	24.7

Table 5A.2.12

Table 5A.2.12 Births by maternal age and State/Territory, 2001

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	391	50	466	280	71	52	5	440	1 755
Less than 16 years	no.	24	–	38	25	3	np	np	49	140
16 years	no.	61	6	62	37	9	np	np	67	250
17 years	no.	80	10	106	63	13	np	np	96	378
18 years	no.	97	12	131	62	19	np	np	112	456
19 years	no.	129	22	129	93	27	np	np	116	531
20 years and over	no.	1 616	252	1 961	986	357	213	33	1 153	6 573
<b>Total (b)</b>	<b>no.</b>	<b>2 009</b>	<b>302</b>	<b>2 427</b>	<b>1 267</b>	<b>430</b>	<b>266</b>	<b>38</b>	<b>1 593</b>	<b>8 334</b>
Less than 20 years	%	19.5	16.6	19.2	22.1	16.5	19.5	13.2	27.6	21.1
Less than 16 years	%	1.2	–	1.6	2.0	0.7	np	np	3.1	1.7
16 years	%	3.0	2.0	2.6	2.9	2.1	np	np	4.2	3.0
17 years	%	4.0	3.3	4.4	5.0	3.0	np	np	6.0	4.5
18 years	%	4.8	4.0	5.4	4.9	4.4	np	np	7.0	5.5
19 years	%	6.4	7.3	5.3	7.3	6.3	np	np	7.3	6.4
20 years and over	%	80.4	83.4	80.8	77.8	83.0	80.1	86.8	72.4	78.9
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	30.1	30.7	29.6	30.1	30.4	29.3	np	30.2	30.2
Less than 20 years	no.	3 129	1 717	2 219	911	604	438	85	60	9 163
Less than 16 years	no.	89	np	57	29	5	np	np	3	248
16 years	no.	201	np	146	77	47	np	np	3	649

Table 5A.2.12

Table 5A.2.12 Births by maternal age and State/Territory, 2001

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	506	261	417	149	95	np	np	8	1 540
18 years	no.	888	489	637	275	197	np	np	18	2 637
19 years	no.	1 445	779	962	381	260	np	np	28	4 089
20 years and over	no.	78 124	55 751	40 984	20 565	15 464	5 396	3 148	2 071	221 540
<b>Total (b)</b>	<b>no.</b>	<b>81 266</b>	<b>57 471</b>	<b>43 203</b>	<b>21 478</b>	<b>16 076</b>	<b>5 843</b>	<b>3 259</b>	<b>2 131</b>	<b>230 764</b>
Less than 20 years	%	3.9	3.0	5.1	4.2	3.8	7.5	2.6	2.8	4.0
Less than 16 years	%	0.1	np	0.1	0.1	0.0	np	np	0.1	0.1
16 years	%	0.2	np	0.3	0.4	0.3	np	np	0.1	0.3
17 years	%	0.6	0.5	1.0	0.7	0.6	np	np	0.4	0.7
18 years	%	1.1	0.9	1.5	1.3	1.2	np	np	0.8	1.1
19 years	%	1.8	1.4	2.2	1.8	1.6	np	np	1.3	1.8
20 years and over	%	96.1	97.0	94.9	95.7	96.2	92.3	96.6	97.2	96.0
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	30.0	30.7	29.3	29.8	30.3	29.1	30.4	27.9	30.0
Less than 20 years	no.	3 727	1 849	2 905	1 325	730	543	116	509	11 704
Less than 16 years	no.	129	55	103	58	11	12	3	52	423
16 years	no.	274	149	236	127	58	45	9	70	968
17 years	no.	635	283	566	240	119	109	16	106	2 074
18 years	no.	1 038	526	828	375	234	157	20	133	3 311
19 years	no.	1 651	836	1 172	525	308	220	68	148	4 928



Table 5A.2.12

Table 5A.2.12 Births by maternal age and State/Territory, 2001

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
20 years and over	no.	80 822	56 772	44 773	22 672	16 539	5 877	3 731	3 313	234 538
<b>Total (b)</b>	<b>no.</b>	<b>84 578</b>	<b>58 626</b>	<b>47 678</b>	<b>24 002</b>	<b>17 281</b>	<b>6 430</b>	<b>3 938</b>	<b>3 822</b>	<b>246 394</b>
Less than 20 years	%	4.4	3.2	6.1	5.5	4.2	8.4	2.9	13.3	4.8
Less than 16 years	%	0.2	0.1	0.2	0.2	0.1	0.2	0.1	1.4	0.2
16 years	%	0.3	0.3	0.5	0.5	0.3	0.7	0.2	1.8	0.4
17 years	%	0.8	0.5	1.2	1.0	0.7	1.7	0.4	2.8	0.8
18 years	%	1.2	0.9	1.7	1.6	1.4	2.4	0.5	3.5	1.3
19 years	%	2.0	1.4	2.5	2.2	1.8	3.4	1.7	3.9	2.0
20 years and over	%	95.6	96.8	93.9	94.5	95.7	91.4	94.7	86.7	95.2
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2001 (unpublished).

Table 5A.2.13

Table 5A.2.13 Births by maternal age and State/Territory, 2002

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	25.0	26.7	25.0	24.6	25.5	25.3	np	23.8	24.9
Less than 20 years	no.	649	100	630	305	112	84	7	388	2 275
Less than 16 years	no.	49	5	28	27	np	np	np	43	155
16 years	no.	82	10	88	34	np	np	np	51	291
17 years	no.	137	22	134	65	19	np	np	82	474
18 years	no.	170	20	169	83	38	np	np	110	617
19 years	no.	211	43	211	96	42	np	np	102	738
20 years and over	no.	2 682	500	2 719	1 175	562	347	57	1 150	9 195
<b>Total (b)</b>	<b>no.</b>	<b>3 339</b>	<b>601</b>	<b>3 349</b>	<b>1 481</b>	<b>679</b>	<b>431</b>	<b>66</b>	<b>1 539</b>	<b>11 488</b>
Less than 20 years	%	19.4	16.6	18.8	20.6	16.5	19.5	10.6	25.2	19.8
Less than 16 years	%	1.5	0.8	0.8	1.8	np	np	np	2.8	1.3
16 years	%	2.5	1.7	2.6	2.3	np	np	np	3.3	2.5
17 years	%	4.1	3.7	4.0	4.4	2.8	np	np	5.3	4.1
18 years	%	5.1	3.3	5.0	5.6	5.6	np	np	7.1	5.4
19 years	%	6.3	7.2	6.3	6.5	6.2	np	np	6.6	6.4
20 years and over	%	80.3	83.2	81.2	79.3	82.8	80.5	86.4	74.7	80.0
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	25.0	26.7	24.8	24.2	25.1	25.1	np	23.7	24.6

Table 5A.2.13

Table 5A.2.13 Births by maternal age and State/Territory, 2002

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	448	58	478	255	88	50	7	377	1 761
Less than 16 years	no.	37	3	25	23	np	np	np	42	133
16 years	no.	60	5	69	31	np	np	np	51	233
17 years	no.	93	14	100	57	13	np	np	81	369
18 years	no.	113	12	127	71	27	np	np	105	473
19 years	no.	145	24	157	73	36	np	np	98	553
20 years and over	no.	1 693	285	1 960	882	397	187	30	1 078	6 514
<b>Total (b)</b>	<b>no.</b>	<b>2 149</b>	<b>344</b>	<b>2 438</b>	<b>1 138</b>	<b>490</b>	<b>237</b>	<b>38</b>	<b>1 456</b>	<b>8 292</b>
Less than 20 years	%	20.8	16.9	19.6	22.4	18.0	21.1	18.4	25.9	21.2
Less than 16 years	%	1.7	0.9	1.0	2.0	np	np	np	2.9	1.6
16 years	%	2.8	1.5	2.8	2.7	np	np	np	3.5	2.8
17 years	%	4.3	4.1	4.1	5.0	2.7	np	np	5.6	4.5
18 years	%	5.3	3.5	5.2	6.2	5.5	np	np	7.2	5.7
19 years	%	6.7	7.0	6.4	6.4	7.3	np	np	6.7	6.7
20 years and over	%	78.8	82.8	80.4	77.5	81.0	78.9	78.9	74.0	78.6
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	30.4	31.0	29.8	30.2	30.6	29.2	np	30.4	30.4
Less than 20 years	no.	2 983	1 705	2 210	943	644	359	106	71	9 021
Less than 16 years	no.	76	36	49	22	np	np	np	3	213
16 years	no.	215	109	177	84	np	np	np	8	681

Table 5A.2.13

Table 5A.2.13 Births by maternal age and State/Territory, 2002

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	496	275	356	141	106	np	np	8	1 477
18 years	no.	833	478	692	267	188	np	np	22	2 612
19 years	no.	1 363	807	936	429	290	np	np	30	4 038
20 years and over	no.	80 051	58 623	41 110	20 742	15 873	4 819	3 477	2 113	226 853
<b>Total (b)</b>	<b>no.</b>	<b>83 083</b>	<b>60 341</b>	<b>43 320</b>	<b>21 691</b>	<b>16 521</b>	<b>5 179</b>	<b>3 729</b>	<b>2 184</b>	<b>236 093</b>
Less than 20 years	%	3.6	2.8	5.1	4.3	3.9	6.9	2.8	3.3	3.8
Less than 16 years	%	0.1	0.1	0.1	0.1	np	np	np	0.1	0.1
16 years	%	0.3	0.2	0.4	0.4	np	np	np	0.4	0.3
17 years	%	0.6	0.5	0.8	0.7	0.6	np	np	0.4	0.6
18 years	%	1.0	0.8	1.6	1.2	1.1	np	np	1.0	1.1
19 years	%	1.6	1.3	2.2	2.0	1.8	np	np	1.4	1.7
20 years and over	%	96.4	97.2	94.9	95.6	96.1	93.0	93.2	96.7	96.1
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	30.3	31.0	29.5	29.9	30.4	28.9	30.7	28.1	30.2
Less than 20 years	no.	3 643	1 830	2 915	1 292	786	450	129	459	11 505
Less than 16 years	no.	126	42	85	52	18	11	3	46	383
16 years	no.	297	122	272	121	57	48	14	59	990
17 years	no.	636	301	503	216	133	91	23	90	1 993
18 years	no.	1 006	503	882	366	233	129	36	132	3 287
19 years	no.	1 578	862	1 173	537	345	171	53	132	4 852

Table 5A.2.13

Table 5A.2.13 Births by maternal age and State/Territory, 2002

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
20 years and over	no.	82 880	59 631	44 855	22 301	16 869	5 271	3 821	3 264	238 942
<b>Total (b)</b>	<b>no.</b>	<b>86 583</b>	<b>61 478</b>	<b>47 771</b>	<b>23 601</b>	<b>17 665</b>	<b>6 003</b>	<b>4 112</b>	<b>3 724</b>	<b>250 988</b>
Less than 20 years	%	4.2	3.0	6.1	5.5	4.4	7.5	3.1	12.3	4.6
Less than 16 years	%	0.1	0.1	0.2	0.2	0.1	0.2	0.1	1.2	0.2
16 years	%	0.3	0.2	0.6	0.5	0.3	0.8	0.3	1.6	0.4
17 years	%	0.7	0.5	1.1	0.9	0.8	1.5	0.6	2.4	0.8
18 years	%	1.2	0.8	1.8	1.6	1.3	2.1	0.9	3.5	1.3
19 years	%	1.8	1.4	2.5	2.3	2.0	2.8	1.3	3.5	1.9
20 years and over	%	95.7	97.0	93.9	94.5	95.5	87.8	92.9	87.6	95.2
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2002 (unpublished).

Table 5A.2.14

Table 5A.2.14 Births by maternal age and State/Territory, 2003

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	25.1	25.8	25.1	24.1	25.0	24.3	np	23.9	24.8
Less than 20 years	no.	576	120	673	380	121	78	8	387	2 343
Less than 16 years	no.	23	8	45	32	9	np	np	np	147
16 years	no.	77	14	80	51	9	np	np	np	313
17 years	no.	122	21	134	93	25	np	np	78	496
18 years	no.	150	41	198	95	40	np	np	97	644
19 years	no.	204	36	216	109	38	np	np	110	743
20 years and over	no.	2 671	602	2 734	1 305	456	298	75	1 243	9 384
<b>Total (b)</b>	<b>no.</b>	<b>3 254</b>	<b>722</b>	<b>3 408</b>	<b>1 687</b>	<b>578</b>	<b>376</b>	<b>85</b>	<b>1 630</b>	<b>11 740</b>
Less than 20 years	%	17.7	16.6	19.7	22.5	20.9	20.7	9.4	23.7	20.0
Less than 16 years	%	0.7	1.1	1.3	1.9	1.6	np	np	np	1.3
16 years	%	2.4	1.9	2.3	3.0	1.6	np	np	np	2.7
17 years	%	3.7	2.9	3.9	5.5	4.3	np	np	4.8	4.2
18 years	%	4.6	5.7	5.8	5.6	6.9	np	np	6.0	5.5
19 years	%	6.3	5.0	6.3	6.5	6.6	np	np	6.7	6.3
20 years and over	%	82.1	83.4	80.2	77.4	78.9	79.3	88.2	76.3	79.9
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	24.8	25.9	24.9	24.1	24.8	23.6	np	23.8	24.6

Table 5A.2.14

Table 5A.2.14 Births by maternal age and State/Territory, 2003

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	389	73	506	315	98	54	7	372	1 814
Less than 16 years	no.	16	7	40	31	9	np	np	28	132
16 years	no.	53	9	62	44	8	np	np	73	255
17 years	no.	83	12	102	79	19	np	np	75	389
18 years	no.	102	25	146	78	34	np	np	93	492
19 years	no.	135	20	156	83	28	np	np	103	546
20 years and over	no.	1 681	362	1 973	1 038	334	163	43	1 148	6 742
<b>Total (b)</b>	<b>no.</b>	<b>2 076</b>	<b>435</b>	<b>2 480</b>	<b>1 355</b>	<b>433</b>	<b>217</b>	<b>51</b>	<b>1 520</b>	<b>8 567</b>
Less than 20 years	%	18.7	16.8	20.4	23.2	22.6	24.9	13.7	24.5	21.2
Less than 16 years	%	0.8	1.6	1.6	2.3	2.1	np	np	1.8	1.5
16 years	%	2.6	2.1	2.5	3.2	1.8	np	np	4.8	3.0
17 years	%	4.0	2.8	4.1	5.8	4.4	np	np	4.9	4.5
18 years	%	4.9	5.7	5.9	5.8	7.9	np	np	6.1	5.7
19 years	%	6.5	4.6	6.3	6.1	6.5	np	np	6.8	6.4
20 years and over	%	81.0	83.2	79.6	76.6	77.1	75.1	84.3	75.5	78.7
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	30.6	31.2	30.0	30.6	30.7	29.6	np	30.7	30.7
Less than 20 years	no.	2 707	1 503	2 072	786	619	340	92	69	8 189
Less than 16 years	no.	72	33	63	22	14	np	np	np	215
16 years	no.	194	110	167	69	28	np	np	np	610

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Table 5A.2.14

Table 5A.2.14 Births by maternal age and State/Territory, 2003

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	416	252	341	146	110	np	np	14	1 366
18 years	no.	776	410	580	203	206	np	np	15	2 309
19 years	no.	1 249	698	921	346	261	np	np	38	3 689
20 years and over	no.	80 237	57 844	41 764	20 352	15 998	4 761	3 806	2 081	226 869
<b>Total (b)</b>	<b>no.</b>	<b>82 971</b>	<b>59 368</b>	<b>43 837</b>	<b>21 139</b>	<b>16 618</b>	<b>5 102</b>	<b>4 003</b>	<b>2 154</b>	<b>235 219</b>
Less than 20 years	%	3.3	2.5	4.7	3.7	3.7	6.7	2.3	3.2	3.5
Less than 16 years	%	0.1	0.1	0.1	0.1	0.1	np	np	np	0.1
16 years	%	0.2	0.2	0.4	0.3	0.2	np	np	np	0.3
17 years	%	0.5	0.4	0.8	0.7	0.7	np	np	0.6	0.6
18 years	%	0.9	0.7	1.3	1.0	1.2	np	np	0.7	1.0
19 years	%	1.5	1.2	2.1	1.6	1.6	np	np	1.8	1.6
20 years and over	%	96.7	97.4	95.3	96.3	96.3	93.3	95.1	96.6	96.5
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	30.5	31.2	29.7	30.2	30.6	29.3	31.0	28.2	30.5
Less than 20 years	no.	3 301	1 673	2 821	1 286	751	419	101	458	10 811
Less than 16 years	no.	97	43	113	59	23	np	np	28	376
16 years	no.	272	130	250	136	38	np	np	77	951
17 years	no.	541	286	487	264	136	94	17	92	1 917
18 years	no.	930	460	804	324	250	116	27	112	3 023
19 years	no.	1 461	754	1 167	503	304	158	47	149	4 544



Table 5A.2.14

Table 5A.2.14 Births by maternal age and State/Territory, 2003

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
20 years and over	no.	83 005	59 362	45 519	22 978	16 687	5 092	3 894	3 328	239 895
<b>Total (b)</b>	<b>no.</b>	<b>86 344</b>	<b>61 058</b>	<b>48 342</b>	<b>24 273</b>	<b>17 443</b>	<b>5 752</b>	<b>4 128</b>	<b>3 790</b>	<b>251 161</b>
Less than 20 years	%	3.8	2.7	5.8	5.3	4.3	7.3	2.4	12.1	4.3
Less than 16 years	%	0.1	0.1	0.2	0.2	0.1	np	np	0.7	0.1
16 years	%	0.3	0.2	0.5	0.6	0.2	np	np	2.0	0.4
17 years	%	0.6	0.5	1.0	1.1	0.8	1.6	0.4	2.4	0.8
18 years	%	1.1	0.8	1.7	1.3	1.4	2.0	0.7	3.0	1.2
19 years	%	1.7	1.2	2.4	2.1	1.7	2.7	1.1	3.9	1.8
20 years and over	%	96.1	97.2	94.2	94.7	95.7	88.5	94.3	87.8	95.5
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2003 (unpublished).

Table 5A.2.15

Table 5A.2.15 Births by maternal age and State/Territory, 2004

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	25.1	25.5	25.3	24.2	25.3	24.9	np	24.2	24.9
Less than 20 years	no.	664	132	629	394	113	62	9	348	2 351
Less than 16 years	no.	38	8	42	33	5	np	np	np	156
16 years	no.	76	18	72	52	15	np	np	np	288
17 years	no.	129	25	132	93	26	np	np	65	483
18 years	no.	186	41	164	101	34	np	np	95	643
19 years	no.	235	40	219	115	33	np	np	113	781
20 years and over	no.	2 865	587	2 793	1 324	537	295	82	1 160	9 644
<b>Total (b)</b>	<b>no.</b>	<b>3 533</b>	<b>719</b>	<b>3 424</b>	<b>1 719</b>	<b>653</b>	<b>357</b>	<b>91</b>	<b>1 509</b>	<b>12 006</b>
Less than 20 years	%	18.8	18.4	18.4	22.9	17.3	17.4	9.9	23.1	19.6
Less than 16 years	%	1.1	1.1	1.2	1.9	0.8	np	np	np	1.3
16 years	%	2.2	2.5	2.1	3.0	2.3	np	np	np	2.4
17 years	%	3.7	3.5	3.9	5.4	4.0	np	np	4.3	4.0
18 years	%	5.3	5.7	4.8	5.9	5.2	np	np	6.3	5.4
19 years	%	6.7	5.6	6.4	6.7	5.1	np	np	7.5	6.5
20 years and over	%	81.1	81.6	81.6	77.0	82.2	82.6	90.1	76.9	80.3
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	24.7	24.9	25.1	24.1	25.0	24.8	np	24.0	24.6

Table 5A.2.15

Table 5A.2.15 Births by maternal age and State/Territory, 2004

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	463	90	469	333	90	31	8	338	1 822
Less than 16 years	no.	31	7	34	31	5	np	np	24	137
16 years	no.	53	11	47	44	12	np	np	51	221
17 years	no.	86	14	102	76	17	np	np	64	365
18 years	no.	134	30	131	86	27	np	np	92	512
19 years	no.	159	28	155	96	29	np	np	107	587
20 years and over	no.	1 823	339	1 905	1 037	368	169	48	1 076	6 766
<b>Total (b)</b>	<b>no.</b>	<b>2 290</b>	<b>429</b>	<b>2 376</b>	<b>1 371</b>	<b>461</b>	<b>200</b>	<b>56</b>	<b>1 415</b>	<b>8 599</b>
Less than 20 years	%	20.2	21.0	19.7	24.3	19.5	15.5	14.3	23.9	21.2
Less than 16 years	%	1.4	1.6	1.4	2.3	1.1	np	np	1.7	1.6
16 years	%	2.3	2.6	2.0	3.2	2.6	np	np	3.6	2.6
17 years	%	3.8	3.3	4.3	5.5	3.7	np	np	4.5	4.2
18 years	%	5.9	7.0	5.5	6.3	5.9	np	np	6.5	6.0
19 years	%	6.9	6.5	6.5	7.0	6.3	np	np	7.6	6.8
20 years and over	%	79.6	79.0	80.2	75.6	79.8	84.5	85.7	76.0	78.7
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	30.8	31.4	30.1	30.7	30.9	29.5	np	31.0	30.8
Less than 20 years	no.	2 632	1 539	2 191	817	563	332	83	54	8 212
Less than 16 years	no.	71	42	39	19	8	np	np	np	188
16 years	no.	184	105	164	59	22	np	np	np	569

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Table 5A.2.15

Table 5A.2.15 Births by maternal age and State/Territory, 2004

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	423	251	387	141	102	np	np	8	1 381
18 years	no.	767	414	676	244	195	np	np	13	2 453
19 years	no.	1 187	727	925	354	236	np	np	29	3 621
20 years and over	no.	79 590	59 120	43 547	21 105	15 620	4 846	3 942	1 986	229 780
<b>Total (b)</b>	<b>no.</b>	<b>82 234</b>	<b>60 663</b>	<b>45 738</b>	<b>21 922</b>	<b>16 187</b>	<b>5 181</b>	<b>4 031</b>	<b>2 040</b>	<b>238 021</b>
Less than 20 years	%	3.2	2.5	4.8	3.7	3.5	6.4	2.1	2.6	3.5
Less than 16 years	%	0.1	0.1	0.1	0.1	0.0	np	np	np	0.1
16 years	%	0.2	0.2	0.4	0.3	0.1	np	np	np	0.2
17 years	%	0.5	0.4	0.8	0.6	0.6	np	np	0.4	0.6
18 years	%	0.9	0.7	1.5	1.1	1.2	np	np	0.6	1.0
19 years	%	1.4	1.2	2.0	1.6	1.5	np	np	1.4	1.5
20 years and over	%	96.8	97.5	95.2	96.3	96.5	93.5	97.8	97.4	96.5
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	30.6	31.3	29.8	30.2	30.8	29.2	31.6	28.3	30.6
Less than 20 years	no.	3 310	1 713	2 883	1 371	686	397	94	402	10 857
Less than 16 years	no.	110	51	83	60	13	10	3	26	356
16 years	no.	261	126	246	126	37	31	5	53	886
17 years	no.	558	284	538	274	130	67	16	73	1 940
18 years	no.	954	468	851	388	233	136	31	108	3 169
19 years	no.	1 427	784	1 165	523	273	153	39	142	4 506

Table 5A.2.15

Table 5A.2.15 Births by maternal age and State/Territory, 2004

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (a)</i>
20 years and over	no.	82 567	60 698	47 054	23 918	16 446	5 163	4 069	3 148	243 088
<b>Total (b)</b>	<b>no.</b>	<b>85 894</b>	<b>62 417</b>	<b>49 940</b>	<b>25 295</b>	<b>17 140</b>	<b>5 809</b>	<b>4 174</b>	<b>3 551</b>	<b>254 246</b>
Less than 20 years	%	3.9	2.7	5.8	5.4	4.0	6.8	2.3	11.3	4.3
Less than 16 years	%	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.7	0.1
16 years	%	0.3	0.2	0.5	0.5	0.2	0.5	0.1	1.5	0.3
17 years	%	0.6	0.5	1.1	1.1	0.8	1.2	0.4	2.1	0.8
18 years	%	1.1	0.7	1.7	1.5	1.4	2.3	0.7	3.0	1.2
19 years	%	1.7	1.3	2.3	2.1	1.6	2.6	0.9	4.0	1.8
20 years and over	%	96.1	97.2	94.2	94.6	96.0	88.9	97.5	88.7	95.6
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2004 (unpublished).

Table 5A.2.16

Table 5A.2.16 Births by maternal age and State/Territory, 2005

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	25.5	25.9	25.3	24.0	24.0	25.5	np	24.0	25.0
Less than 20 years	no.	577	130	629	425	161	78	14	355	2 370
Less than 16 years	no.	41	3	31	32	8	np	np	np	172
16 years	no.	50	12	77	56	16	np	np	np	263
17 years	no.	108	22	135	95	29	np	np	81	490
18 years	no.	156	46	142	120	48	np	np	84	621
19 years	no.	222	47	244	122	60	np	np	90	824
20 years and over	no.	2 562	671	3 027	1 338	556	337	84	1 130	9 705
<b>Total (b)</b>	<b>no.</b>	<b>3 139</b>	<b>802</b>	<b>3 657</b>	<b>1 763</b>	<b>718</b>	<b>415</b>	<b>98</b>	<b>1 485</b>	<b>12 078</b>
Less than 20 years	%	18.4	16.2	17.2	24.1	22.4	18.8	14.3	23.9	19.6
Less than 16 years	%	1.3	0.4	0.8	1.8	1.1	np	np	np	1.4
16 years	%	1.6	1.5	2.1	3.2	2.2	np	np	np	2.2
17 years	%	3.4	2.7	3.7	5.4	4.0	np	np	5.5	4.1
18 years	%	5.0	5.7	3.9	6.8	6.7	np	np	5.7	5.1
19 years	%	7.1	5.9	6.7	6.9	8.4	np	np	6.1	6.8
20 years and over	%	81.6	83.7	82.8	75.9	77.4	81.2	85.7	76.1	80.4
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	25.1	25.5	24.9	23.7	23.4	25.3	np	23.6	24.5

Table 5A.2.16

Table 5A.2.16 Births by maternal age and State/Territory, 2005

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	391	85	482	350	126	44	9	342	1 829
Less than 16 years	no.	31	np	27	28	7	np	np	54	151
16 years	no.	39	np	63	48	15	np	np	44	220
17 years	no.	65	14	104	75	24	np	np	79	373
18 years	no.	107	28	105	100	35	np	np	81	472
19 years	no.	149	33	183	99	45	np	np	84	613
20 years and over	no.	1 565	398	2 092	1 028	372	199	45	1 024	6 723
<b>Total (b)</b>	<b>no.</b>	<b>1 956</b>	<b>484</b>	<b>2 575</b>	<b>1 378</b>	<b>499</b>	<b>243</b>	<b>54</b>	<b>1 366</b>	<b>8 555</b>
Less than 20 years	%	20.0	17.6	18.7	25.4	25.3	18.1	16.7	25.0	21.4
Less than 16 years	%	1.6	np	1.0	2.0	1.4	np	np	4.0	1.8
16 years	%	2.0	np	2.4	3.5	3.0	np	np	3.2	2.6
17 years	%	3.3	2.9	4.0	5.4	4.8	np	np	5.8	4.4
18 years	%	5.5	5.8	4.1	7.3	7.0	np	np	5.9	5.5
19 years	%	7.6	6.8	7.1	7.2	9.0	np	np	6.1	7.2
20 years and over	%	80.0	82.2	81.2	74.6	74.5	81.9	83.3	75.0	78.6
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	31.0	31.6	30.2	30.8	30.3	29.6	np	30.2	30.9
Less than 20 years	no.	2 386	1 480	2 098	879	760	336	94	93	8 126
Less than 16 years	no.	54	39	55	16	16	np	np	np	187
16 years	no.	196	106	150	70	61	np	np	np	618

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Table 5A.2.16

Table 5A.2.16 Births by maternal age and State/Territory, 2005

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	380	248	379	149	143	np	np	15	1 405
18 years	no.	707	416	571	260	212	np	np	28	2 303
19 years	no.	1 049	671	943	384	328	np	np	40	3 613
20 years and over	no.	80 914	59 475	45 423	22 193	15 983	5 186	3 885	2 080	235 163
<b>Total (b)</b>	<b>no.</b>	<b>83 305</b>	<b>60 968</b>	<b>47 521</b>	<b>23 083</b>	<b>16 746</b>	<b>5 840</b>	<b>3 982</b>	<b>2 173</b>	<b>243 642</b>
Less than 20 years	%	2.9	2.4	4.4	3.8	4.5	5.8	2.4	4.3	3.3
Less than 16 years	%	0.1	0.1	0.1	0.1	0.1	np	np	np	0.1
16 years	%	0.2	0.2	0.3	0.3	0.4	np	np	np	0.3
17 years	%	0.5	0.4	0.8	0.6	0.9	np	np	0.7	0.6
18 years	%	0.8	0.7	1.2	1.1	1.3	np	np	1.3	0.9
19 years	%	1.3	1.1	2.0	1.7	2.0	np	np	1.8	1.5
20 years and over	%	97.1	97.6	95.6	96.1	95.4	88.8	97.6	95.7	96.5
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	30.9	31.5	29.9	30.4	30.1	29.4	31.4	27.9	30.7
Less than 20 years	no.	2 974	1 641	2 764	1 446	943	418	109	448	10 744
Less than 16 years	no.	96	43	88	59	24	np	np	56	374
16 years	no.	248	120	229	139	79	np	np	54	902
17 years	no.	490	276	519	272	180	96	18	96	1 947
18 years	no.	867	471	724	416	268	109	26	112	2 993
19 years	no.	1 273	731	1 204	560	392	180	57	130	4 528



Table 5A.2.16

Table 5A.2.16      **Births by maternal age and State/Territory, 2005**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (a)</i>
20 years and over	no.	83 610	61 632	48 895	24 791	16 852	5 564	4 085	3 211	248 667
<b>Total (b)</b>	<b>no.</b>	<b>86 589</b>	<b>63 287</b>	<b>51 661</b>	<b>26 253</b>	<b>17 800</b>	<b>6 308</b>	<b>4 206</b>	<b>3 659</b>	<b>259 791</b>
Less than 20 years	%	3.4	2.6	5.4	5.5	5.3	6.6	2.6	12.2	4.1
Less than 16 years	%	0.1	0.1	0.2	0.2	0.1	np	np	1.5	0.1
16 years	%	0.3	0.2	0.4	0.5	0.4	np	np	1.5	0.3
17 years	%	0.6	0.4	1.0	1.0	1.0	1.5	0.4	2.6	0.7
18 years	%	1.0	0.7	1.4	1.6	1.5	1.7	0.6	3.1	1.2
19 years	%	1.5	1.2	2.3	2.1	2.2	2.9	1.4	3.6	1.7
20 years and over	%	96.6	97.4	94.6	94.4	94.7	88.2	97.1	87.8	95.7
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

**np** Not published.*Source:*    *Births, Australia 2005* (unpublished).

Table 5A.2.17

Table 5A.2.17 Births by maternal age and State/Territory, 2006

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	25.4	25.8	25.4	24.3	25.0	24.4	np	23.9	25.0
Less than 20 years	no.	647	140	612	398	129	74	17	384	2 402
Less than 16 years	no.	28	6	26	28	10	np	np	54	157
16 years	no.	73	17	65	47	16	np	np	59	286
17 years	no.	127	25	128	85	28	np	np	79	496
18 years	no.	175	36	164	102	33	np	np	87	622
19 years	no.	244	56	229	136	42	np	np	105	841
20 years and over	no.	2 869	642	2 849	1 510	596	339	92	1 181	10 082
<b>Total (b)</b>	<b>no.</b>	<b>3 516</b>	<b>782</b>	<b>3 463</b>	<b>1 910</b>	<b>733</b>	<b>413</b>	<b>109</b>	<b>1 565</b>	<b>12 496</b>
Less than 20 years	%	18.4	17.9	17.7	20.8	17.6	17.9	15.6	24.5	19.2
Less than 16 years	%	0.8	0.8	0.8	1.5	1.4	np	np	3.5	1.3
16 years	%	2.1	2.2	1.9	2.5	2.2	np	np	3.8	2.3
17 years	%	3.6	3.2	3.7	4.5	3.8	np	np	5.0	4.0
18 years	%	5.0	4.6	4.7	5.3	4.5	np	np	5.6	5.0
19 years	%	6.9	7.2	6.6	7.1	5.7	np	np	6.7	6.7
20 years and over	%	81.6	82.1	82.3	79.1	81.3	82.1	84.4	75.5	80.7
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	25.0	25.4	25.0	24.0	24.7	24.0	np	23.7	24.6

Table 5A.2.17

Table 5A.2.17 Births by maternal age and State/Territory, 2006

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20 years	no.	445	85	453	326	110	33	7	373	1 833
Less than 16 years	no.	20	5	19	23	9	np	np	53	132
16 years	no.	52	11	47	34	16	np	np	56	221
17 years	no.	92	12	101	74	23	np	np	78	387
18 years	no.	116	22	120	83	25	np	np	86	466
19 years	no.	165	35	166	112	37	np	np	100	627
20 years and over	no.	1 781	374	1 928	1 132	431	196	58	1 086	6 990
<b>Total (b)</b>	<b>no.</b>	<b>2 226</b>	<b>459</b>	<b>2 383</b>	<b>1 460</b>	<b>549</b>	<b>229</b>	<b>65</b>	<b>1 459</b>	<b>8 835</b>
Less than 20 years	%	20.0	18.5	19.0	22.3	20.0	14.4	10.8	25.6	20.7
Less than 16 years	%	0.9	1.1	0.8	1.6	1.6	np	np	3.6	1.5
16 years	%	2.3	2.4	2.0	2.3	2.9	np	np	3.8	2.5
17 years	%	4.1	2.6	4.2	5.1	4.2	np	np	5.3	4.4
18 years	%	5.2	4.8	5.0	5.7	4.6	np	np	5.9	5.3
19 years	%	7.4	7.6	7.0	7.7	6.7	np	np	6.9	7.1
20 years and over	%	80.0	81.5	80.9	77.5	78.5	85.6	89.2	74.4	79.1
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	31.1	31.7	30.2	30.8	30.5	29.7	np	30.5	31.0
Less than 20 years	no.	2 289	1 480	2 079	917	695	320	85	86	7 954
Less than 16 years	no.	55	30	41	14	20	np	np	3	177
16 years	no.	152	91	154	71	63	np	np	5	565

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Table 5A.2.17

Table 5A.2.17 Births by maternal age and State/Territory, 2006

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	no.	336	242	364	157	117	np	np	15	1 296
18 years	no.	642	418	614	269	200	np	np	23	2 290
19 years	no.	1 104	699	906	406	295	np	np	40	3 626
20 years and over	no.	81 405	61 800	46 682	24 231	16 434	5 159	4 140	2 041	241 909
<b>Total (b)</b>	<b>no.</b>	<b>83 697</b>	<b>63 287</b>	<b>48 762</b>	<b>25 149</b>	<b>17 130</b>	<b>5 941</b>	<b>4 225</b>	<b>2 127</b>	<b>250 338</b>
Less than 20 years	%	2.7	2.3	4.3	3.6	4.1	5.4	2.0	4.0	3.2
Less than 16 years	%	0.1	0.0	0.1	0.1	0.1	np	np	0.1	0.1
16 years	%	0.2	0.1	0.3	0.3	0.4	np	np	0.2	0.2
17 years	%	0.4	0.4	0.7	0.6	0.7	np	np	0.7	0.5
18 years	%	0.8	0.7	1.3	1.1	1.2	np	np	1.1	0.9
19 years	%	1.3	1.1	1.9	1.6	1.7	np	np	1.9	1.4
20 years and over	%	97.3	97.7	95.7	96.3	95.9	86.8	98.0	96.0	96.6
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	31.0	31.7	30.0	30.4	30.3	29.3	31.4	28.1	30.8
Less than 20 years	no.	2 949	1 652	2 723	1 392	848	405	108	471	10 552
Less than 16 years	no.	85	37	67	45	31	16	3	57	342
16 years	no.	227	108	220	124	80	33	8	64	864
17 years	no.	463	273	496	255	149	74	15	94	1 820
18 years	no.	818	458	788	396	239	120	34	111	2 965
19 years	no.	1 356	776	1 152	572	349	162	48	145	4 561

Table 5A.2.17

Table 5A.2.17 Births by maternal age and State/Territory, 2006

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
20 years and over	no.	84 384	63 576	49 939	26 377	17 403	5 583	4 371	3 225	254 880
<b>Total (b)</b>	<b>no.</b>	<b>87 336</b>	<b>65 236</b>	<b>52 665</b>	<b>27 776</b>	<b>18 260</b>	<b>6 475</b>	<b>4 479</b>	<b>3 696</b>	<b>265 949</b>
Less than 20 years	%	3.4	2.5	5.2	5.0	4.6	6.3	2.4	12.7	4.0
Less than 16 years	%	0.1	0.1	0.1	0.2	0.2	0.2	0.1	1.5	0.1
16 years	%	0.3	0.2	0.4	0.4	0.4	0.5	0.2	1.7	0.3
17 years	%	0.5	0.4	0.9	0.9	0.8	1.1	0.3	2.5	0.7
18 years	%	0.9	0.7	1.5	1.4	1.3	1.9	0.8	3.0	1.1
19 years	%	1.6	1.2	2.2	2.1	1.9	2.5	1.1	3.9	1.7
20 years and over	%	96.6	97.5	94.8	95.0	95.3	86.2	97.6	87.3	95.8
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2006 (unpublished).

Table 5A.2.18

Table 5A.2.18 Births by maternal age and State/Territory, 2007

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
All Indigenous births										
Median age	years	26.0	26.2	25.1	24.3	24.9	25.0	np	23.8	25.1
Less than 20	no.	580	130	785	458	147	50	21	378	2 549
Less than 16 years	no.	36	6	42	36	12	np	np	np	182
16 years	no.	63	15	71	53	16	np	np	np	272
17 years	no.	111	23	166	105	27	np	np	77	525
18 years	no.	160	48	233	117	38	np	np	86	700
19 years	no.	210	38	273	147	54	np	np	117	870
20–24 years	no.	1 091	307	1 423	678	260	103	36	530	4 428
25–29 years	no.	908	256	1 098	494	196	90	36	363	3 441
30–34 years	no.	704	201	760	305	125	46	24	199	2 364
35 years and over	no.	436	131	417	183	79	19	12	125	1 402
<b>Total (b)</b>	<b>no.</b>	<b>3 720</b>	<b>1 025</b>	<b>4 486</b>	<b>2 121</b>	<b>808</b>	<b>308</b>	<b>129</b>	<b>1 595</b>	<b>14 192</b>
Less than 20	%	15.6	12.7	17.5	21.6	18.2	16.2	16.3	23.7	18.0
Less than 16 years	%	1.0	0.6	0.9	1.7	1.5	np	np	np	1.3
16 years	%	1.7	1.5	1.6	2.5	2.0	np	np	np	1.9
17 years	%	3.0	2.2	3.7	5.0	3.3	np	np	4.8	3.7
18 years	%	4.3	4.7	5.2	5.5	4.7	np	np	5.4	4.9
19 years	%	5.6	3.7	6.1	6.9	6.7	np	np	7.3	6.1
20–24 years	%	29.3	30.0	31.7	32.0	32.2	33.4	27.9	33.2	31.2
25–29 years	%	24.4	25.0	24.5	23.3	24.3	29.2	27.9	22.8	24.2
30–34 years	%	18.9	19.6	16.9	14.4	15.5	14.9	18.6	12.5	16.7

Table 5A.2.18

Table 5A.2.18 Births by maternal age and State/Territory, 2007

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
35 years and over	%	11.7	12.8	9.3	8.6	9.8	6.2	9.3	7.8	9.9
<b>Total (b)</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Births to Indigenous mothers										
Median age	years	25.8	26.0	24.8	23.9	24.3	24.7	np	23.7	24.7
Less than 20	no.	396	86	580	377	115	29	15	364	1 962
Less than 16 years	no.	30	np	34	32	7	np	np	48	154
16 years	no.	46	np	55	42	14	np	np	49	220
17 years	no.	76	20	126	83	25	np	np	75	414
18 years	no.	104	33	165	96	26	np	np	84	521
19 years	no.	140	21	200	124	43	np	np	108	653
20–24 years	no.	706	196	1 029	547	202	64	18	499	3 261
25–29 years	no.	550	159	752	372	138	52	18	344	2 385
30–34 years	no.	462	129	510	221	83	27	12	181	1 625
35 years and over	no.	277	68	282	126	60	9	8	114	944
<b>Total (b)</b>	<b>no.</b>	<b>2 392</b>	<b>638</b>	<b>3 156</b>	<b>1 646</b>	<b>599</b>	<b>181</b>	<b>71</b>	<b>1 502</b>	<b>10 185</b>
Less than 20	%	16.6	13.5	18.4	22.9	19.2	16.0	21.1	24.2	19.3
Less than 16 years	%	1.3	np	1.1	1.9	1.2	np	np	3.2	1.5
16 years	%	1.9	np	1.7	2.6	2.3	np	np	3.3	2.2
17 years	%	3.2	3.1	4.0	5.0	4.2	np	np	5.0	4.1
18 years	%	4.3	5.2	5.2	5.8	4.3	np	np	5.6	5.1
19 years	%	5.9	3.3	6.3	7.5	7.2	np	np	7.2	6.4

Table 5A.2.18

Table 5A.2.18 Births by maternal age and State/Territory, 2007

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
20–24 years	%	29.5	30.7	32.6	33.2	33.7	35.4	25.4	33.2	32.0
25–29 years	%	23.0	24.9	23.8	22.6	23.0	28.7	25.4	22.9	23.4
30–34 years	%	19.3	20.2	16.2	13.4	13.9	14.9	16.9	12.1	16.0
35 years and over	%	11.6	10.7	8.9	7.7	10.0	5.0	11.3	7.6	9.3
<b>Total (b)</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Non-Indigenous births										
Median age	years	31.1	31.6	30.2	30.7	30.5	29.5	np	30.2	31.0
Less than 20	no.	2 203	1 565	2 462	937	735	386	96	71	8 455
Less than 16 years	no.	50	43	81	24	22	np	np	np	238
16 years	no.	132	94	188	75	54	np	np	np	587
17 years	no.	372	263	415	153	128	np	np	11	1 423
18 years	no.	629	434	660	285	201	np	np	19	2 371
19 years	no.	1 020	731	1 118	400	330	np	np	36	3 836
20–24 years	no.	10 672	7 364	9 208	3 861	2 794	1 195	437	366	35 900
25–29 years	no.	23 043	17 142	15 758	7 055	5 117	1 634	1 214	669	71 641
30–34 years	no.	29 481	24 155	17 531	8 446	6 027	1 715	1 549	672	89 581
35 years and over	no.	20 245	17 576	11 261	5 798	3 865	1 144	1 039	518	61 449
<b>Total (b)</b>	<b>no.</b>	<b>85 646</b>	<b>67 816</b>	<b>56 222</b>	<b>26 098</b>	<b>18 541</b>	<b>6 343</b>	<b>4 335</b>	<b>2 297</b>	<b>267 318</b>
Less than 20	%	2.6	2.3	4.4	3.6	4.0	6.1	2.2	3.1	3.2
Less than 16 years	%	0.1	0.1	0.1	0.1	0.1	np	np	np	0.1
16 years	%	0.2	0.1	0.3	0.3	0.3	np	np	np	0.2



Table 5A.2.18

Table 5A.2.18 Births by maternal age and State/Territory, 2007

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
17 years	%	0.4	0.4	0.7	0.6	0.7	np	np	0.5	0.5
18 years	%	0.7	0.6	1.2	1.1	1.1	np	np	0.8	0.9
19 years	%	1.2	1.1	2.0	1.5	1.8	np	np	1.6	1.4
20–24 years	%	12.5	10.9	16.4	14.8	15.1	18.8	10.1	15.9	13.4
25–29 years	%	26.9	25.3	28.0	27.0	27.6	25.8	28.0	29.1	26.8
30–34 years	%	34.4	35.6	31.2	32.4	32.5	27.0	35.7	29.3	33.5
35 years and over	%	23.6	25.9	20.0	22.2	20.8	18.0	24.0	22.6	23.0
<b>Total (b)</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
All births (c)										
Median age	years	31.0	31.6	29.9	30.3	30.3	29.2	31.3	27.9	30.7
Less than 20	no.	2 788	1 731	3 289	1 485	902	437	123	449	11 204
Less than 16 years	no.	86	49	124	66	34	15	4	49	427
16 years	no.	198	112	261	138	74	36	9	54	882
17 years	no.	483	293	586	279	160	79	20	88	1 988
18 years	no.	790	491	908	419	243	122	41	105	3 119
19 years	no.	1 231	786	1 410	583	391	185	49	153	4 788
20–24 years	no.	11 779	7 859	10 729	4 743	3 093	1 302	503	896	40 907
25–29 years	no.	23 993	17 758	16 986	7 765	5 407	1 725	1 322	1 033	75 998
30–34 years	no.	30 224	24 842	18 436	9 006	6 248	1 763	1 677	871	93 072
35 years and over	no.	20 706	18 107	11 803	6 145	4 008	1 165	1 128	643	63 709
<b>Total (b)</b>	<b>no.</b>	<b>89 495</b>	<b>70 313</b>	<b>61 249</b>	<b>29 164</b>	<b>19 662</b>	<b>6 662</b>	<b>4 753</b>	<b>3 894</b>	<b>285 213</b>

Table 5A.2.18

Table 5A.2.18 Births by maternal age and State/Territory, 2007

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (a)
Less than 20	%	3.1	2.5	5.4	5.1	4.6	6.6	2.6	11.5	3.9
Less than 16 years	%	0.1	0.1	0.2	0.2	0.2	0.2	0.1	1.3	0.1
16 years	%	0.2	0.2	0.4	0.5	0.4	0.5	0.2	1.4	0.3
17 years	%	0.5	0.4	1.0	1.0	0.8	1.2	0.4	2.3	0.7
18 years	%	0.9	0.7	1.5	1.4	1.2	1.8	0.9	2.7	1.1
19 years	%	1.4	1.1	2.3	2.0	2.0	2.8	1.0	3.9	1.7
20–24 years	%	13.2	11.2	17.5	16.3	15.7	19.5	10.6	23.0	14.3
25–29 years	%	26.8	25.3	27.7	26.6	27.5	25.9	27.8	26.5	26.6
30–34 years	%	33.8	35.3	30.1	30.9	31.8	26.5	35.3	22.4	32.6
35 years and over	%	23.1	25.8	19.3	21.1	20.4	17.5	23.7	16.5	22.3
<b>Total (b)</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Includes 'Other territories'.

(b) Includes not stated age of mother.

(c) Includes births where the Indigenous status of the mother or father was unknown or not stated.

np Not published.

Source: Births, Australia 2007 (unpublished).

Table 5A.2.19

**Table 5A.2.19 Births to teenage mothers as a proportion of births, by Indigenous status and State/Territory, 1998–2007 (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (b)</i>
<b>Indigenous births</b>										
1998	%	19.3	13.7	17.3	23.1	17.1	18.3	19.0	26.5	19.6
1999	%	18.9	14.8	18.5	24.5	17.8	16.5	12.0	27.6	20.4
2000	%	20.6	15.7	18.7	23.2	16.6	20.5	19.3	28.1	21.1
2001	%	18.5	16.5	18.1	21.4	15.7	19.4	13.4	26.5	19.7
2002	%	19.4	16.6	18.8	20.6	16.5	19.5	10.6	25.2	19.8
2003	%	17.7	16.6	19.7	22.5	20.9	20.7	9.4	23.7	20.0
2004	%	18.8	18.4	18.4	22.9	17.3	17.4	9.9	23.1	19.6
2005	%	18.4	16.2	17.2	24.1	22.4	18.8	14.3	23.9	19.6
2006	%	18.4	17.9	17.7	20.8	17.6	17.9	15.6	24.5	19.2
2007	%	15.6	12.7	17.5	21.6	18.2	16.2	16.3	23.7	18.0
<b>Births to Indigenous mothers</b>										
1998	%	19.6	14.4	17.3	24.4	19.2	np	np	27.9	20.6
1999	%	19.2	15.1	19.3	23.9	19.9	18.1	14.3	28.3	21.3
2000	%	22.1	19.4	19.4	25.1	18.1	20.8	20.7	29.6	22.8
2001	%	19.5	16.6	19.2	22.1	16.5	19.5	13.2	27.6	21.1
2002	%	20.8	16.9	19.6	22.4	18.0	21.1	18.4	25.9	21.2
2003	%	18.7	16.8	20.4	23.2	22.6	24.9	13.7	24.5	21.2
2004	%	20.2	21.0	19.7	24.3	19.5	15.5	14.3	23.9	21.2
2005	%	20.0	17.6	18.7	25.4	25.3	18.1	16.7	25.0	21.4
2006	%	20.0	18.5	19.0	22.3	20.0	14.4	10.8	25.6	20.7
2007	%	16.6	13.5	18.4	22.9	19.2	16.0	21.1	24.2	19.3

Table 5A.2.19

Table 5A.2.19 Births to teenage mothers as a proportion of births, by Indigenous status and State/Territory, 1998–2007 (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (b)
Non-Indigenous births										
1998	%	4.1	3.1	5.3	4.4	3.6	6.2	3.3	5.4	4.1
1999	%	4.1	2.8	5.2	4.3	3.7	7.1	3.0	3.8	4.0
2000	%	3.6	2.8	5.2	4.3	3.8	6.9	2.8	2.8	3.8
2001	%	3.9	3.0	5.1	4.2	3.8	7.5	2.6	2.8	4.0
2002	%	3.6	2.8	5.1	4.3	3.9	6.9	2.8	3.3	3.8
2003	%	3.3	2.5	4.7	3.7	3.7	6.7	2.3	3.2	3.5
2004	%	3.2	2.5	4.8	3.7	3.5	6.4	2.1	2.6	3.5
2005	%	2.9	2.4	4.4	3.8	4.5	5.8	2.4	4.3	3.3
2006	%	2.7	2.3	4.3	3.6	4.1	5.4	2.0	4.0	3.2
2007	%	2.6	2.3	4.4	3.6	4.0	6.1	2.2	3.1	3.2

(a) Denominator includes not stated age of mother.

(b) Includes 'Other territories'.

np Not published.

Source: Births, Australia 1998-2007 (unpublished).

Table 5A.2.20

Table 5A.2.20 Births to teenage mothers, by age of mother, 1998–2007

	Units	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Indigenous births											
<16	no.	176	156	170	163	155	147	156	172	157	182
16	no.	270	271	295	292	291	313	288	263	286	272
17	no.	450	484	520	476	474	496	483	490	496	525
18	no.	513	564	606	596	617	644	643	621	622	700
19	no.	643	681	708	724	738	743	781	824	841	870
20+	no.	8 385	8 413	8 587	9 147	9 195	9 384	9 644	9 705	10 082	11 365
Births to Indigenous mothers											
<16	no.	167	132	152	140	133	132	137	151	132	154
16	no.	207	227	255	250	233	255	221	220	221	220
17	no.	355	346	415	378	369	389	365	373	387	414
18	no.	387	446	482	456	473	492	512	472	466	521
19	no.	468	498	548	531	553	546	587	613	627	653
20+	no.	6 111	6 076	6 257	6 573	6 514	6 742	6 766	6 723	6 990	8 215
Births to non-Indigenous mothers											
<16	no.	240	262	210	248	213	215	188	187	177	238
16	no.	770	706	680	649	681	610	569	618	565	587
17	no.	1 793	1 662	1 557	1 540	1 477	1 366	1 381	1 405	1 296	1 423
18	no.	2 830	2 746	2 602	2 637	2 612	2 309	2 453	2 303	2 290	2 371
19	no.	4 109	4 101	3 954	4 089	4 038	3 689	3 621	3 613	3 626	3 836
20+	no.	228 126	226 766	226 734	221 540	226 853	226 869	229 780	235 163	241 909	258 571

Table 5A.2.20

Table 5A.2.20 Births to teenage mothers, by age of mother, 1998–2007

Units		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Indigenous births											
<16	%	1.7	1.5	1.6	1.4	1.3	1.3	1.3	1.4	1.3	1.3
16	%	2.6	2.6	2.7	2.6	2.5	2.7	2.4	2.2	2.3	1.9
17	%	4.3	4.6	4.8	4.2	4.1	4.2	4.0	4.1	4.0	3.7
18	%	4.9	5.3	5.6	5.2	5.4	5.5	5.4	5.1	5.0	4.9
19	%	6.2	6.4	6.5	6.3	6.4	6.3	6.5	6.8	6.7	6.1
20+	%	80.3	79.5	78.8	80.2	80.0	79.9	80.3	80.4	80.7	82.0
Births to Indigenous mothers											
<16	%	2.2	1.7	1.9	1.7	1.6	1.5	1.6	1.8	1.5	1.5
16	%	2.7	2.9	3.1	3.0	2.8	3.0	2.6	2.6	2.5	2.2
17	%	4.6	4.5	5.1	4.5	4.5	4.5	4.2	4.4	4.4	4.1
18	%	5.0	5.8	5.9	5.5	5.7	5.7	6.0	5.5	5.3	5.1
19	%	6.1	6.4	6.8	6.4	6.7	6.4	6.8	7.2	7.1	6.4
20+	%	79.3	78.6	77.1	78.9	78.6	78.7	78.7	78.6	79.1	80.7
Births to non-Indigenous mothers											
<16	%	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	%	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2
17	%	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5
18	%	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
19	%	1.7	1.7	1.7	1.8	1.7	1.6	1.5	1.5	1.4	1.4
20+	%	95.9	96.0	96.2	96.0	96.1	96.5	96.5	96.5	96.6	96.7

Source: Births, Australia 1998-2007 (unpublished).

Table 5A.2.21

**Table 5A.2.21      Teenage birth rate for Indigenous females, by State/Territory and age of mother, 2004–2007**

	Units	Aged 16	Aged 17	Aged 18	Aged 19
Number of Births					
2004					
NSW	no.	53	86	134	159
Victoria	no.	11	14	30	28
Queensland	no.	47	102	131	155
WA	no.	44	76	86	96
SA	no.	12	17	27	29
Tasmania	no.	np	np	np	np
ACT	no.	np	np	np	np
NT	no.	51	64	92	107
Australia (a)	no.	221	365	512	587
2005					
NSW	no.	39	65	107	149
Victoria	no.	np	14	28	33
Queensland	no.	63	104	105	183
WA	no.	48	75	100	99
SA	no.	15	24	35	45
Tasmania	no.	np	np	np	np
ACT	no.	np	np	np	np
NT	no.	44	79	81	84
Australia (a)	no.	220	373	472	613
2006					
NSW	no.	52	92	116	165

Table 5A.2.21

Table 5A.2.21 Teenage birth rate for Indigenous females, by State/Territory and age of mother, 2004–2007

	Units	Aged 16	Aged 17	Aged 18	Aged 19
Victoria	no.	11	12	22	35
Queensland	no.	47	101	120	166
WA	no.	34	74	83	112
SA	no.	16	23	25	37
Tasmania	no.	np	np	np	np
ACT	no.	np	np	np	np
NT	no.	56	78	86	100
Australia (a) 2007	no.	221	387	466	627
NSW	no.	46	76	104	140
Victoria	no.	np	20	33	21
Queensland	no.	55	126	165	200
WA	no.	42	83	96	124
SA	no.	14	25	26	43
Tasmania	no.	np	np	np	np
ACT	no.	np	np	np	np
NT	no.	49	75	84	108
Australia (a)	no.	220	414	521	653
Indigenous female population 2004					
NSW	no.	1592	1513	1474	1349
Victoria	no.	332	300	319	283



Table 5A.2.21

**Table 5A.2.21      Teenage birth rate for Indigenous females, by State/Territory and age of mother, 2004–2007**

	<i>Units</i>	<i>Aged 16</i>	<i>Aged 17</i>	<i>Aged 18</i>	<i>Aged 19</i>
Queensland	no.	1410	1340	1350	1302
WA	no.	779	781	724	685
SA	no.	300	302	307	277
Tasmania	no.	223	198	210	211
ACT	no.	42	48	56	48
NT	no.	652	593	585	618
Australia (a)	no.	5332	5077	5025	4775
2005					
NSW	no.	1634	1578	1507	1449
Victoria	no.	373	337	296	323
Queensland	no.	1514	1417	1343	1357
WA	no.	800	776	778	729
SA	no.	311	305	298	307
Tasmania	no.	214	224	195	209
ACT	no.	41	43	51	57
NT	no.	612	643	600	586
Australia (a)	no.	5501	5325	5070	5017
2006					
NSW	no.	1588	1620	1571	1480
Victoria	no.	379	379	330	300
Queensland	no.	1589	1520	1421	1351
WA	no.	784	797	774	781
SA	no.	310	315	302	299

Table 5A.2.21

Table 5A.2.21 Teenage birth rate for Indigenous females, by State/Territory and age of mother, 2004–2007

	Units	Aged 16	Aged 17	Aged 18	Aged 19
Tasmania	no.	220	215	221	194
ACT	no.	40	42	47	53
NT	no.	612	604	649	602
Australia (a) 2007	no.	5525	5494	5317	5062
NSW	no.	1700	1575	1615	1542
Victoria	no.	403	384	372	333
Queensland	no.	1589	1594	1521	1430
WA	no.	801	781	796	779
SA	no.	340	315	310	303
Tasmania	no.	226	221	212	221
ACT	no.	45	41	46	49
NT	no.	668	604	612	650
Australia (a)	no.	5775	5518	5486	5309
Birth rate					
2004					
NSW	Per 1000	33.3	56.8	90.9	117.9
Victoria	Per 1000	33.1	46.7	94.0	98.9
Queensland	Per 1000	33.3	76.1	97.0	119.0
WA	Per 1000	56.5	97.3	118.8	140.1
SA	Per 1000	40.0	56.3	87.9	104.7
Tasmania	Per 1000	..	..	..	..

Table 5A.2.21

Table 5A.2.21 Teenage birth rate for Indigenous females, by State/Territory and age of mother, 2004–2007

	Units	Aged 16	Aged 17	Aged 18	Aged 19
ACT	Per 1000	..	..	..	..
NT	Per 1000	78.2	107.9	157.3	173.1
Australia (a)	Per 1000	41.4	71.9	101.9	122.9
2005					
NSW	Per 1000	23.9	41.2	71.0	102.8
Victoria	Per 1000	..	41.5	94.6	102.2
Queensland	Per 1000	41.6	73.4	78.2	134.9
WA	Per 1000	60.0	96.6	128.5	135.8
SA	Per 1000	48.2	78.7	117.4	146.6
Tasmania	Per 1000	..	..	..	..
ACT	Per 1000	..	..	..	..
NT	Per 1000	71.9	122.9	135.0	143.3
Australia (a)	Per 1000	40.0	70.0	93.1	122.2
2006					
NSW	Per 1000	32.7	56.8	73.8	111.5
Victoria	Per 1000	29.0	31.7	66.7	116.7
Queensland	Per 1000	29.6	66.4	84.4	122.9
WA	Per 1000	43.4	92.8	107.2	143.4
SA	Per 1000	51.6	73.0	82.8	123.7
Tasmania	Per 1000	..	..	..	..
ACT	Per 1000	..	..	..	..
NT	Per 1000	91.5	129.1	132.5	166.1
Australia (a)	Per 1000	40.0	70.4	87.6	123.9

Table 5A.2.21

Table 5A.2.21 Teenage birth rate for Indigenous females, by State/Territory and age of mother, 2004–2007

	Units	Aged 16	Aged 17	Aged 18	Aged 19
2007					
NSW	Per 1000	27.1	48.3	64.4	90.8
Victoria	Per 1000	..	52.1	88.7	63.1
Queensland	Per 1000	34.6	79.0	108.5	139.9
WA	Per 1000	52.4	106.3	120.6	159.2
SA	Per 1000	41.2	79.4	83.9	141.9
Tasmania	Per 1000	..	..	..	..
ACT	Per 1000	..	..	..	..
NT	Per 1000	73.4	124.2	137.3	166.2
Australia (a)	Per 1000	38.1	75.0	95.0	123.0

(a) Australia includes 'Other territories'.

.. Not applicable. **np** Not published.Source: Births, Australia (a) 2004-07; ABS (unpublished) derived from *Experimental Estimates of the Aboriginal and Torres Strait Islander Population*.

Table 5A.2.22

Table 5A.2.22 Birth rate for Australian teenagers, by age of mother, 2004–2007

		Units	Aged 16	Aged 17	Aged 18	Aged 19
Indigenous females						
Number of Births						
2004	no.		221	365	512	587
2005	no.		220	373	472	613
2006	no.		221	387	466	627
2007	no.		220	414	521	653
Female population						
2004	no.		5332	5077	5025	4775
2005	no.		5501	5325	5070	5017
2006	no.		5525	5494	5317	5062
2007	no.		5775	5518	5486	5309
Birth rate						
2004	Per 1000		41.4	71.9	101.9	122.9
2005	Per 1000		40.0	70.0	93.1	122.2
2006	Per 1000		40.0	70.4	87.6	123.9
2007	Per 1000		38.1	75.0	95.0	123.0
Non-Indigenous females						
Number of Births						
2004	no.		665	1575	2657	3919
2005	no.		682	1574	2521	3915
2006	no.		643	1433	2499	3934

Table 5A.2.22

Table 5A.2.22 Birth rate for Australian teenagers, by age of mother, 2004–2007

	Units	Aged 16	Aged 17	Aged 18	Aged 19
2007	no.	662	1574	2598	4135
Female population					
2004	no.	128 185	129 313	132 370	134 551
2005	no.	129 735	129 656	131 091	134 732
2006	no.	133 070	130 993	131 200	133 467
2007	no.	134 950	135 621	133 906	134 973
Birth rate					
2004	Per 1000	5.2	12.2	20.1	29.1
2005	Per 1000	5.3	12.1	19.2	29.1
2006	Per 1000	4.8	10.9	19.0	29.5
2007	Per 1000	4.9	11.6	19.4	30.6
Total females					
Number of Births					
2004	no.	886	1 940	3 169	4 506
2005	no.	902	1 947	2 993	4 528
2006	no.	864	1 820	2 965	4 561
2007	no.	882	1 988	3 119	4 788
Female population					
2004	no.	133 517	134 390	137 395	139 326
2005	no.	135 236	134 981	136 161	139 749

Table 5A.2.22

**Table 5A.2.22 Birth rate for Australian teenagers, by age of mother, 2004–2007**

	<i>Units</i>	<i>Aged 16</i>	<i>Aged 17</i>	<i>Aged 18</i>	<i>Aged 19</i>
2006	no.	138 595	136 487	136 517	138 529
2007	no.	140 725	141 139	139 392	140 282
Birth rate					
2004	Per 1000	6.6	14.4	23.1	32.3
2005	Per 1000	6.7	14.4	22.0	32.4
2006	Per 1000	6.2	13.3	21.7	32.9
2007	Per 1000	6.3	14.1	22.4	34.1

*Source:* Births, Australia (a) 2004–07; ABS (unpublished) derived from Australian Demographic Statistics. ABS (unpublished) derived from Experimental Estimates of the Aboriginal and Torres Strait Islander Population.

Table 5A.2.23

Table 5A.2.23 Birth rate for Australian teenagers, 2004–2007

	Units	Indigenous mothers	Non-Indigenous mothers	Total mothers
Number of Births to mothers aged less than 20 years				
2004	no.	1 822	9 035	10 857
2005	no.	1 829	8 915	10 744
2006	no.	1 833	8 719	10 552
2007	no.	1 962	9 242	11 204
Female population aged 15–19 years				
2004	no.	25716	653 069	678 785
2005	no.	26444	656 939	683 383
2006	no.	27180	661 853	689 033
2007	no.	27984	672 782	700 766
Teenage birth rate				
2004	Per 1000	70.9	13.8	16.0
2005	Per 1000	69.2	13.6	15.7
2006	Per 1000	67.4	13.2	15.3
2007	Per 1000	70.1	13.7	16.0

(a) Teenage birth rates includes a small number of birth to females aged under 16 years.

Source: Births, Australia (a) 2004-07; ABS (unpublished) derived from *Experimental Estimates of the Aboriginal and Torres Strait Islander Population*; ABS (unpublished) derived from *Australian Demographic Statistics*.





Table 5A.3.1

Table 5A.3.1 Baby's birthweight, by live births and fetal deaths, 2004–2006 (a)

	Aboriginal and Torres Strait Islander (b)						Non-Indigenous (b)						Unknown Indigenous status (b)						All births														
	Live births			Fetal deaths (c)			Total births			Live births			Fetal deaths (c)			Unknown			Total births			Live births			Fetal deaths (c)			Unknown			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%				
Queensland																																	
	994	11.3	84	80.8	1 078	12.2	9 857	6.4	776	77.1	–	–	10 633	6.9	–	–	2	100.0	–	–	10 851	6.7	862	77.4	–	–	11 713	7.2					
Low birthweight (<2500g)																																	
Very low birthweight (<1500g)	196	2.2	77	74.0	273	3.1	1 677	1.1	639	63.5	–	–	2 316	1.5	–	–	2	100.0	–	–	1 873	1.2	718	64.5	–	–	2 591	1.6					
Extremely low birthweight (<1000g)	90	1.0	68	65.4	158	1.8	744	0.5	569	56.5	–	–	1 313	0.9	–	–	1	50.0	–	–	834	0.5	638	57.3	–	–	1 472	0.9					
All births	8 765	100.0	104	100.0	8 869	100.0	153 001	100.0	1 007	100.0	–	–	154 008	100.0	19	100.0	2	100.0	–	–	161 785	100.0	1 113	100.0	–	–	162 898	100.0					
Mean birthweight (grams)	3 194	..	1 185	..	3 171	..	3 386	..	1 330	..	..	..	3 372	..	na	..	na	..	..	..	3 375	..	1 316	..	..	..	3 361	..					
WA (f)																																	
Low birthweight (<2500g)	713	14.7	56	84.8	769	15.7	4 534	6.0	427	80.4	–	–	4 961	6.5	–	–	–	–	–	–	5 247	6.5	483	80.9	–	–	5 730	7.1					
Very low birthweight (<1500g)	141	2.9	47	71.2	188	3.8	727	1.0	369	69.5	–	–	1 096	1.4	–	–	–	–	–	–	868	1.1	416	69.7	–	–	1 284	1.6					
Extremely low birthweight (<1000g)	64	1.3	39	59.1	103	2.1	329	0.4	328	61.8	–	–	657	0.9	–	–	–	–	–	–	393	0.5	367	61.5	–	–	760	0.9					
All births	4 847	100.0	66	100.0	4 913	100.0	75 731	100.0	531	100.0	–	–	76 262	100.0	–	–	–	–	–	–	80 578	100.0	597	100.0	–	–	81 175	100.0					
Mean birthweight (grams)	3 107	..	1 245	..	3 082	..	3 364	..	1 187	..	..	..	3 349	..	..	..	..	..	..	..	3 348	..	1 193	..	..	..	3 333	..					
SA																																	
Low birthweight (<2500g)	244	16.1	22	88.0	266	17.3	3 365	6.4	284	79.6	–	–	3 649	6.9	–	–	–	–	–	–	3 609	6.7	306	80.1	–	–	3 915	7.2					
Very low birthweight (<1500g)	54	3.6	16	64.0	70	4.5	591	1.1	244	68.3	–	–	835	1.6	–	–	–	–	–	–	645	1.2	260	68.1	–	–	905	1.7					
Extremely low birthweight (<1000g)	25	1.6	13	52.0	38	2.5	255	0.5	220	61.6	–	–	475	0.9	–	–	–	–	–	–	280	0.5	233	61.0	–	–	513	0.9					
All births	1 517	100.0	25	100.0	1 542	100.0	52 618	100.0	357	100.0	–	–	52 975	100.0	1	100.0	–	–	–	–	54 136	100.0	382	100.0	–	–	54 518	100.0					
Mean birthweight (grams)	3 093	..	1 262	..	3 063	..	3 366	..	1 232	..	..	..	3 352	..	na	..	..	..	..	..	3 358	..	1 234	..	..	..	3 343	..					







Table 5A.3.2

Table 5A.3.2 Baby's birthweight, by live births and fetal deaths, 2003–2005 (a)

	Aboriginal and Torres Strait Islander (b)												Non-Indigenous (b)												Unknown Indigenous status (b)												All births																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Live births						Fetal deaths (c)						Total births						Live births						Fetal deaths (c)						Unknown						Total births						Live births						Fetal deaths (c)						Unknown						Total births																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%

(a) Data are presented in a three year grouping due to small numbers. Excludes Tasmania for 2003 and 2004 because Indigenous status data were not available.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) The denominator for the fetal death percentages is fetal deaths rather than births.

(d) Mean birthweight includes all states and territories, including terminations of pregnancy for Victoria.

(e) Data for Victoria have been provided by the Victorian Perinatal Data Collection Unit and exclude all terminations of pregnancy.

(f) Data for WA may differ from that published by the Department of Health, WA, due to subsequent updates of the data.

(g) 15.7 per cent of women who gave birth in the ACT were non-ACT residents. Care must be taken when interpreting percentages. For example, the percentage of live births to ACT resident Aboriginal &amp; Torres Strait Islander women who gave birth in the ACT where the birthweight was less than 2500 grams was 14.0 per cent.

na Not available. .. Not applicable. – Nil or rounded to zero. np Not published.

Source: National Perinatal Data Collection, AIHW National Perinatal Statistics Unit (unpublished) and Victorian Perinatal Data Collection Unit (unpublished).

Table 5A.3.3

Table 5A.3.3      **Baby's birthweight, by live births and fetal deaths, 2002-2004 (a), (b)**

	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Live births			Fetal deaths (e)			Live births			Fetal deaths (e)			Live births			Fetal deaths (e)			Live births			Fetal deaths (e)			Live births			Fetal deaths (e)			Total births																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table 5A.3.3

Table 5A.3.3 **Baby's birthweight, by live births and fetal deaths, 2002-2004 (a), (b)**

	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)								
	Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
<b>WA</b>																											
Low birthweight (<2500g)	652	14.1	53	77.9	705	15.0	4 112	5.9	384	80.2	-	-	4 496	6.4	-	-	-	-	4 764	6.4	437	79.9	-	-	5 201	6.9	
Very low birthweight (<1500g)	113	2.4	47	69.1	160	3.4	614	0.9	333	69.5	-	-	947	1.3	-	-	-	-	727	1.0	380	69.5	-	-	1 107	1.5	
Extremely low birthweight (<1000g)	57	1.2	41	60.3	98	2.1	247	0.4	298	62.2	-	-	545	0.8	-	-	-	-	304	0.4	339	62.0	-	-	643	0.9	
All births	4 633	100.0	68	100.0	4 701	100.0	69 813	100.0	479	100.0	-	-	70 292	100.0	-	-	-	-	74 446	100.0	547	100.0	-	-	74 993	100.0	
Mean birthweight (grams)	3 132	..	1 318	..	3 106	..	3 368	..	1 214	..	..	..	3 354	..	..	..	..	..	3 354	..	1 227	..	..	..	3 338	..	
<b>SA</b>																											
Low birthweight (<2500g)	250	17.9	15	78.9	265	18.7	3 208	6.2	262	74.9	-	-	3 470	6.7	-	-	-	-	3 458	6.6	277	75.1	-	-	3 735	7.0	
Very low birthweight (<1500g)	63	4.5	13	68.4	76	5.4	532	1.0	222	63.4	-	-	754	1.5	-	-	-	-	595	1.1	235	63.7	-	-	830	1.6	
Extremely low birthweight (<1000g)	29	2.1	13	68.4	42	3.0	222	0.4	195	55.7	-	-	417	0.8	-	-	-	-	251	0.5	208	56.4	-	-	459	0.9	
All births	1 395	100.0	19	100.0	1 414	100.0	51 346	100.0	350	100.0	-	-	51 696	100.0	-	-	-	-	52 741	100.0	369	100.0	-	-	53 110	100.0	
Mean birthweight (g)	3 055	..	1 243	..	3 031	..	3 370	..	1 386	..	..	..	3 357	..	..	..	..	..	3 362	..	1 379	..	..	..	3 348	..	
<b>Tas</b>																											
Low birthweight (<2500g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Very low birthweight (<1500g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Extremely low birthweight (<1000g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
All births	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Mean birthweight (grams)	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	
<b>ACT (f)</b>																											
Low birthweight (<2500g)	np	np	np	np	42	18.4	np	np	np	np	-	-	1 087	7.6	np	np	-	-	1 032	7.1	101	82.1	-	-	1 133	7.8	
Very low birthweight (<1500g)	np	np	np	np	16	7.0	np	np	np	np	-	-	254	1.8	-	-	-	-	184	1.3	86	69.9	-	-	270	1.8	
Extremely low birthweight (<1000g)	np	np	np	np	10	4.4	np	np	np	np	-	-	157	1.1	-	-	-	-	90	0.6	77	62.6	-	-	167	1.1	
All births	np	np	np	np	228	100.0	np	np	np	np	-	-	14 315	100.0	62	100.0	-	-	14 483	100.0	123	100.0	-	-	14 606	100.0	
Mean birthweight (grams)	3 116	..	489	..	3 070	..	3 397	..	1 211	..	..	..	3 379	..	3 392	..	..	..	3 392	..	1 198	..	..	..	3 374	..	



Table 5A.3.3

Table 5A.3.3      **Baby's birthweight, by live births and fetal deaths, 2002-2004 (a), (b)**

	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)								
	Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
NT																											
Low birthweight (<2500g)	566	13.7	36	73.5	602	14.4	400	6.1	34	77.3	—	—	—	—	—	434	6.5	10	20.8	976	9.1	70	75.3	—	—	1 046	9.6
Very low birthweight (<1500g)	97	2.4	28	57.1	125	3.0	57	0.9	28	63.6	—	—	—	—	—	85	1.3	3	6.3	157	1.5	56	60.2	—	—	213	2.0
Extremely low birthweight (<1000g)	56	1.4	24	49.0	80	1.9	19	0.3	25	56.8	—	—	—	—	—	44	0.7	3	6.3	78	0.7	49	52.7	—	—	127	1.2
All births	4 119	100.0	49	100.0	4 168	100.0	6 595	100.0	44	100.0	—	—	—	—	—	6 639	100.0	48	100.0	10 762	100.0	93	100.0	—	—	10 855	100.0
Mean birthweight (grams)	3 109	..	1 548	..	3 091	..	3 363	..	1 337	..	..	3 094	..	..	..	3 350	..	3 094	..	3 265	..	1 447	..	..	..	3 249	..

(a) Data are presented in a three year grouping due to small numbers. Tasmania not available because the not stated category for Indigenous status was not able to be distinguished from the non-Indigenous category.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) Totals from the Australian sections of births broken-down by Indigenous status do not include data for Tasmania.

(d) The Australian all births section totals include data for Tasmania.

(e) The denominator for the fetal death percentages is fetal deaths rather than births.

(f) ACT data includes non-ACT residents who gave birth in the ACT.

**na** Not available ... Not applicable. -- Nil or rounded to zero. **np** Not published.

Source: National Perinatal Data Collection, AIHW National Perinatal Statistics Unit (unpublished).

**Baby's birthweight, by live births and fetal deaths, 2001–2003 (a), (b)**

Aboriginal and Torres Strait Islander (c)										Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)							
Live births			Fetal deaths (e)		Total births		Live births			Fetal deaths (e)		Unknown		Total births			Live births			Fetal deaths (e)		Unknown		Total births					
no.	%		no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%			
Australia																													
Low birthweight (<2500g)																													
3 403	12.9	244	75.1	3 647	13.7	43 475	6.1	3 671	76.2	–	–	47 146	6.5	19	7.0	2	66.7	–	–	21	7.6	48 088	6.3	4 029	76.2	–	–	52 097	6.8
Very low birthweight (<1500g)																													
6 14	2.3	197	60.6	811	3.0	7 267	1.0	3 083	64.0	–	–	10 350	1.4	4	1.5	1	33.3	–	–	5	1.8	8 072	1.1	3 370	63.7	–	–	11 442	1.5
Extremely low birthweight (<1000g)																													
284	1.1	176	54.2	460	1.7	3 176	0.4	2 732	56.7	–	–	5 908	0.8	3	1.1	1	33.3	–	–	4	1.4	3 535	0.5	2 985	56.5	–	–	6 520	0.9
All births																													
26 353	100.0	325	100.0	26 678	100.0	717 635	100.0	4 815	100.0	–	–	722 450	100.0	273	100.0	3	100.0	–	–	276	100.0	761 059	100.0	5 287	100.0	–	–	766 346	100.0
Mean birthweight (grams)																													
3 136	..	1 450	..	3 143	..	3 380	..	1 326	..	..	..	3 367	..	3 380	..	1 705	..	..	..	3 361	..	3 373	..	1 334	..	..	..	3 359	..
NSW																													
Low birthweight (<2500g)																													
784	12.2	52	73.2	836	12.8	14 451	5.8	1 108	73.7	–	–	15 559	6.2	5	3.7	1	100.0	–	–	6	4.4	15 240	5.9	1 161	73.7	–	–	16 401	6.4
Very low birthweight (<1500g)																													
120	1.9	39	54.9	159	2.4	2 323	0.9	896	59.6	–	–	3 219	1.3	–	–	–	–	–	–	–	2 443	1.0	935	59.3	–	–	3 378	1.3	
Extremely low birthweight (<1000g)																													
46	0.7	33	46.5	79	1.2	1 021	0.4	786	52.3	–	–	1 807	0.7	–	–	–	–	–	–	–	1 067	0.4	819	52.0	–	–	1 886	0.7	
All births																													
6 439	100.0	71	100.0	6 510	100.0	250 128	100.0	1 504	100.0	–	–	251 632	100.0	134	100.0	1	100.0	–	–	135	100.0	256 701	100.0	1 576	100.0	–	–	258 277	100.0
Mean birthweight (grams)																													
3 192	..	1 435	..	3 174	..	3 387	..	1 409	..	..	..	3 375	..	3 499	..	2 074	..	..	..	3 488	..	3 382	..	1 411	..	..	..	3 370	..
Victoria																													
Low birthweight (<2500g)																													
152	12.7	18	81.8	170	14.0	11 814	6.3	1 108	77.9	–	–	12 922	6.9	–	–	1	100.0	–	–	1	100.0	11 966	6.4	1 127	78.0	–	–	13 093	6.9
Very low birthweight (<1500g)																													
25	2.1	16	72.7	41	3.4	2 064	1.1	960	67.5	–	–	3 024	1.6	–	–	1	100.0	–	–	1	100.0	2 089	1.1	977	67.6	–	–	3 066	1.6
Extremely low birthweight (<1000g)																													
12	1.0	15	68.2	27	2.2	953	0.5	865	60.8	–	–	1 818	1.0	–	–	1	100.0	–	–	1	100.0	965	0.5	881	61.0	–	–	1 846	1.0
All births																													
1 194	100.0	22	100.0	1 216	100.0	186 195	100.0	1 422	100.0	–	–	187 617	100.0	–	–	1	100.0	–	–	1	100.0	187 389	100.0	1 445	100.0	–	–	188 834	100.0
Mean birthweight (grams)																													
3 176	..	1 210	..	3 141	..	3 368	..	1 228	..	..	..	3 352	..	..	..	450	..	..	..	450	..	3 366	..	1 227	..	..	..	3 350	..



Table 5A.3.4

Table 5A.3.4 Baby's birthweight, by live births and fetal deaths, 2001–2003 (a), (b)

	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)								
	Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
Tas																											
Low birthweight (<2500g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Very low birthweight (<1500g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Extremely low birthweight (<1000g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
All births	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Mean birthweight (grams)	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na
ACT (f)																											
Low birthweight (<2500g)	np	np	np	43	20.7	np	np	np	np	np	np	np	np	np	np	np	np	np	944	6.7	97	77.6	np	np	1041	7.3	
Very low birthweight (<1500g)	np	np	np	16	7.7	np	np	np	np	np	np	np	np	np	np	np	np	np	189	1.3	77	61.6	np	np	266	1.9	
Extremely low birthweight (<1000g)	np	np	np	10	4.8	np	np	np	np	np	np	np	np	np	np	np	np	np	91	0.6	70	56.0	np	np	161	1.1	
All births	np	np	np	208	100.0	np	np	np	np	np	np	np	np	np	np	np	np	np	14 068	100.0	125	100.0	np	np	14 193	100.0	
Mean birthweight (grams)	3 085	..	510	..	3 036	..	3 397	..	1 398	..	3 373	..	2 590	..	3 359	..	3 392	..	3 392	..	1 379	..	..	..	3 374	..	
NT																											
Low birthweight (<2500g)	568	13.3	36	72.0	604	14.0	402	6.0	37	78.7	np	np	np	np	np	np	np	np	8	14.5	978	8.8	73	75.3	np	np	1 051
Very low birthweight (<1500g)	89	2.1	28	56.0	117	2.7	56	0.8	30	63.8	np	np	np	np	np	np	np	np	3	5.5	148	1.3	58	59.8	np	np	206
Extremely low birthweight (<1000g)	44	1.0	24	48.0	68	1.6	19	0.3	28	59.6	np	np	np	np	np	np	np	np	3	5.5	66	0.6	52	53.6	np	np	118
All births	4 276	100.0	50	100.0	4 326	100.0	6 723	100.0	47	100.0	np	np	np	np	np	np	np	np	11 054	100.0	97	100.0	np	np	11 151	100.0	
Mean birthweight (grams)	3 118	..	1 552	..	3 100	..	3 362	..	1 291	..	3 348	..	3 170	..	3 170	..	3 170	..	3 267	..	1 424	..	..	..	3 251	..	

(a) Data are presented in a three year grouping due to small numbers. Tasmania not available because the not stated category for Indigenous status was not able to be distinguished from the non-Indigenous category.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) Totals from the Australian sections of births broken-down by Indigenous status do not include data for Tasmania.

(d) The Australian all births section totals include data for Tasmania.

(e) The denominator for the fetal death percentages is fetal deaths rather than births.

(f) ACT data includes non-ACT residents who gave birth in the ACT.

na Not available ... Not applicable. – Nil or rounded to zero. np Not published.

Source: National Perinatal Data Collection, AIHW National Perinatal Statistics Unit (unpublished).

Table 5A.3.5

Table 5A.3.5      **Baby's birthweight, by live births and fetal deaths, 2000–2002 (a), (b)**

	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Unknown			Live births			Fetal deaths (e)			Unknown			Total births																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Table 5A.3.5

Table 5A.3.5 Baby's birthweight, by live births and fetal deaths, 2000–2002 (a), (b)

	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Unknown			Total births			Live births			Fetal deaths (e)			Unknown			Total births																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Table 5A.3.5

Table 5A.3.5 Baby's birthweight, by live births and fetal deaths, 2000–2002 (a), (b)

Tas	Aboriginal and Torres Strait Islander (c)						Non-Indigenous (c)						Unknown Indigenous status (c)						All births (d)					
	Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)			Total births			Live births			Fetal deaths (e)		
	no.	%	no.	%	no.	%	no.	%	no.	no.	%	no.	%	no.	%	no.	%	no.	no.	%	no.	%	no.	%
Low birthweight (<2500g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Very low birthweight (<1500g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Extremely low birthweight (<1000g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
All births	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Mean birthweight (grams)	na	..	na	..	na	..	na	..	na	na	..	na	..	na	..	na	..	na	na	..	na	..	na	..
<b>ACT (f)</b>																								
Low birthweight (<2500g)	np	np	np	42	23.1	np	np	np	np	np	np	np	np	np	np	1 007	7.3	–	–	–	–	–	–	–
Very low birthweight (<1500g)	np	np	np	18	9.9	np	np	np	np	np	np	np	np	np	np	243	1.8	–	–	–	–	–	–	–
Extremely low birthweight (<1000g)	np	np	np	9	4.9	np	np	np	np	np	np	np	np	np	np	130	0.9	–	–	–	–	–	–	–
All births	np	np	np	182	100.0	np	np	np	np	np	np	np	np	np	np	13 868	100.0	41	100.0	–	–	–	–	–
Mean birthweight (grams)	3 037	..	545	..	2 996	..	3 396	..	1 562	..	3 383	..	3 467	..	..	3 383	..	3 467	..	3 392	..	1 534	..	..
<b>NT</b>																								
Low birthweight (<2500g)	550	13.0	31	66.0	581	13.6	406	6.0	32	78.0	–	–	–	–	–	–	–	–	7	12.3	963	8.7	63	71.6
Very low birthweight (<1500g)	83	2.0	24	51.1	107	2.5	62	0.9	26	63.4	–	–	–	–	–	–	–	–	3	5.3	148	1.3	50	56.8
Extremely low birthweight (<1000g)	41	1.0	20	42.6	61	1.4	19	0.3	24	58.5	–	–	–	–	–	–	–	–	3	5.3	63	0.6	44	50.0
All births	4 235	100.0	47	100.0	4 282	100.0	6 779	100.0	41	100.0	3	100.0	–	–	–	–	–	–	57	100.0	11 071	100.0	88	100.0
Mean birthweight (grams)	3 126	..	1 656	..	3 110	..	3 364	..	1 309	..	3 095	..	3 351	..	3 216	..	3 351	..	3 216	..	3 272	..	1 493	..

(a) Data are presented in a three year grouping due to small numbers. Tasmania not available because the not stated category for indigenous status was not able to be distinguished from the non-Indigenous category.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) Totals from the Australian sections of births broken-down by Indigenous status do not include data for Tasmania.

(d) The Australian all births section totals include data for Tasmania.

(e) The denominator for the fetal death percentages is fetal deaths rather than births.

(f) ACT data includes non-ACT residents who gave birth in the ACT.

na Not available. . . . . Not applicable. – Nil or rounded to zero. np Not published.

Source: National Perinatal Data Collection, AIHW National Perinatal Statistics Unit (unpublished).

Table 5A.3.6 **Baby's birthweight, by live births and fetal deaths, 1999–2001 (a), (b)**

	Aboriginal and Torres Strait Islander						Non-Indigenous						Unknown Indigenous status						All births (c)												
	Live births		Fetal deaths		Total births		Live births		Fetal deaths		Total births		Live births		Fetal deaths		Total births		Live births		Fetal deaths		Total births		Live births		Fetal deaths		Total births		
	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	
Australia (excluding Tas and ACT)																															
Low birthweight (<2500g)	3 241	12.6	255	74.6	3 496	13.4	42 418	6.0	3 609	76.3	3	13.0	46 030	6.5	15	9.9	2	100.0	-	-	17	11.0	47 740	6.3	4 038	75.5	3	12.5	51 781	6.7	
Very low birthweight (<1500g)	594	2.3	207	60.5	801	3.1	7 192	1.0	2 949	62.3	1	4.3	10 142	1.4	3	2.0	-	-	-	-	3	1.9	8 200	1.1	3 290	61.5	1	4.2	11 491	1.5	
Extremely low birthweight (<1000g)	276	1.1	181	52.9	457	1.7	3 126	0.4	2 583	54.6	1	4.3	5 710	0.8	2	1.3	-	-	-	-	2	1.3	3 569	0.5	2 878	53.8	1	4.2	6 448	0.8	
All births	25 807	100.0	342	100.0	26 149	100.0	706 230	100.0	4 733	100.0	23	100.0	710 986	100.0	152	100.0	2	100.0	1	100.0	155	100.0	763 635	100.0	5 349	100.0	24	100.0	769 008	100.0	
Mean birthweight (grams)	3 171	..	1 432	..	3 149	..	3 382	..	1 373	..	na	..	3 369	..	na	..	na	..	na	..	na	..	3 375	..	1 393	..	na	..	3 362	..	
NSW																															
Low birthweight (<2500g)	743	11.9	55	74.3	798	12.6	14 738	5.8	1 163	73.1	3	15.0	15 904	6.2	10	9.6	1	100.0	-	-	11	10.4	15 491	6.0	1 219	73.2	3	14.3	16 713	6.4	
Very low birthweight (<1500g)	121	1.9	35	47.3	156	2.5	2 429	1.0	908	57.1	1	5.0	3 338	1.3	2	1.9	-	-	-	-	2	1.9	2 552	1.0	943	56.6	1	4.8	3 496	1.3	
Extremely low birthweight (<1000g)	48	0.8	31	41.9	79	1.2	1 050	0.4	783	49.2	1	5.0	1 834	0.7	2	1.9	-	-	-	-	2	1.9	1 100	-	814	48.9	1	4.8	1 915	0.7	
All births	6 264	100.0	74	100.0	6 338	100.0	253 013	100.0	1 591	100.0	20	100.0	254 624	100.0	104	100.0	1	100.0	1	100.0	106	100.0	259 381	100.0	1 666	100.0	21	100.0	261 068	100.0	
Mean birthweight (grams)	3 199	..	1 552	..	3 181	..	3 390	..	1 482	..	na	..	3 378	..	na	..	na	..	na	..	na	..	3 385	..	1 485	..	na	..	3 373	..	
Victoria																															
Low birthweight (<2500g)	167	13.5	14	73.7	181	14.4	11 500	6.2	1 020	76.8	-	-	12 520	6.7	-	-	-	-	-	-	-	-	11 667	6.3	1 034	76.8	-	-	12 701	6.8	
Very low birthweight (<1500g)	24	1.9	12	63.2	36	2.9	1 933	1.0	844	63.6	-	-	2 777	1.5	-	-	-	-	-	-	-	-	1 957	1.1	856	63.5	-	-	2 813	1.5	
Extremely low birthweight (<1000g)	17	1.4	8	42.1	25	2.0	856	0.5	736	55.4	-	-	1 592	0.9	-	-	-	-	-	-	-	-	873	0.5	744	55.2	-	-	1 617	0.9	
All births	1 236	100.0	19	100.0	1 255	100.0	184 813	100.0	1 328	100.0	-	-	186 141	100.0	6	100.0	-	-	-	-	6	100.0	186 055	100.0	1 347	100.0	-	-	187 402	100.0	
Mean birthweight (grams)	3 164	..	1 538	..	3 139	..	3 367	..	1 338	..	-	..	3 353	..	na	..	na	..	..	..	na	..	3 366	..	1 340	..	..	..	3 352	..	



Table 5A.3.6

Table 5A.3.6      **Baby's birthweight, by live births and fetal deaths, 1999–2001 (a), (b)**

	Aboriginal and Torres Strait Islander						Non-Indigenous						Unknown Indigenous status						All births (c)										
	Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births				
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%		no.	%			
Queensland																													
	923	11.1	86	80.4	1 009	11.9	8 368	6.0	754	78.9	–	–	9 122	6.5	3	16.7	1	100.0	–	–	4	21.1	9 294	6.3	841	79.0	–	10 135	6.9
	Very low birthweight (<1500g)																												
Extremely low birthweight (<1000g)	87	1.0	64	59.8	151	1.8	648	0.5	556	58.2	–	–	1 204	0.9	–	–	–	–	–	–	–	–	735	0.5	620	58.3	–	1 355	0.9
All births	8 346	100.0	107	100.0	8 453	100.0	138 319	100.0	956	100.0	–	–	139 275	100.0	18	100.0	1	100.0	–	–	19	100.0	146 683	100.0	1 064	100.0	–	147 747	100.0
Mean birthweight (grams)	3 220	..	1 321	..	3 196	..	3 399	..	1 298	..	..	..	3 385	..	na	..	na	..	..	..	na	..	3 389	..	1 301	..	..	3 374	..
WA																													
Low birthweight (<2500g)	666	14.6	47	78.3	713	15.4	4 127	5.8	387	78.8	–	–	4 514	6.3	–	–	–	–	–	–	–	–	4 793	6.4	434	78.8	–	5 227	6.9
Very low birthweight (<1500g)	139	3.0	42	70.0	181	3.9	644	0.9	331	67.4	–	–	975	1.4	–	–	–	–	–	–	–	–	783	1.0	373	67.7	–	1 156	1.5
Extremely low birthweight (<1000g)	61	1.3	38	63.3	99	2.1	262	0.4	295	60.1	–	–	557	0.8	–	–	–	–	–	–	–	–	323	0.4	333	60.4	–	656	0.9
All births	4 574	100.0	60	100.0	4 634	100.0	70 814	100.0	491	100.0	–	–	71 305	100.0	–	–	–	–	–	–	–	–	75 388	100.0	551	100.0	–	75 939	100.0
Mean birthweight (grams)	3 105	..	1 246	..	3 081	..	3 369	..	1 288	..	..	..	3 355	..	..	..	..	..	..	..	..	..	3 353	..	1 283	..	..	3 338	..
SA																													
Low birthweight (<2500g)	211	16.5	15	62.5	226	17.4	3 238	6.2	248	78.2	–	–	3 486	6.6	–	–	–	–	–	–	–	–	3 449	6.4	263	77.1	–	3 712	6.9
Very low birthweight (<1500g)	48	3.8	11	45.8	59	4.5	610	1.2	204	64.4	–	–	814	1.5	–	–	–	–	–	–	–	–	658	1.2	215	63.0	–	873	1.6
Extremely low birthweight (<1000g)	24	1.9	9	38.0	33	2.5	284	0.5	187	59.0	–	–	471	0.9	–	–	–	–	–	–	–	–	308	0.6	196	58.0	–	504	0.9
All births	1 275	100.0	24	100.0	1 299	100.0	52 479	100.0	317	100.0	–	–	52 796	100.0	–	–	–	–	–	–	–	–	53 754	100.0	341	100.0	–	54 095	100.0
Mean birthweight (grams)	3 105	..	1 856	..	3 082	..	3 373	..	1 331	..	..	..	3 361	..	..	..	..	..	..	..	..	..	3 367	..	1 368	..	..	3 354	..

Table 5A.3.6

Table 5A.3.6      **Baby's birthweight, by live births and fetal deaths, 1999–2001 (a), (b)**

	Aboriginal and Torres Strait Islander						Non-Indigenous						Unknown Indigenous status						All births (c)														
	Live births		Fetal deaths		Total births		Live births		Fetal deaths		Unknown		Total births		Live births		Fetal deaths		Unknown		Total births		Live births		Fetal deaths		Unknown		Total births				
	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%	no.	%			
Tas	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na		
	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na		
	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na		
	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na		
Extremely low birthweight (<1000g)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
All births	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Mean birthweight (grams)	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na	..	na
ACT																																	
Low birthweight (<2500g)	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	
Very low birthweight (<1500g)	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	
Extremely low birthweight (<1000g)	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	
All births	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	np	
Mean birthweight (grams)	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np	..	np
NT																																	
Low birthweight (<2500g)	531	12.9	38	65.5	569	13.6	447	6.6	37	74.0	–	–	484	7.1	2	8.3	–	–	–	–	2	8.3	980	9.0	75	69.4	–	–	1 055	9.6	–	–	–
Very low birthweight (<1500g)	80	1.9	34	58.6	114	2.7	75	1.1	28	56.0	–	–	103	1.5	–	–	–	–	–	–	–	–	155	1.4	62	57.4	–	–	217	2.0	–	–	–
Extremely low birthweight (<1000g)	39	0.9	31	53.4	70	1.7	26	0.4	26	52.0	–	–	52	0.8	–	–	–	–	–	–	–	–	65	0.6	57	52.8	–	–	122	1.1	–	–	–
All births	4 112	100.0	58	100.0	4 170	100.0	6 792	100.0	50	100.0	3	100.0	6 845	100.0	24	100.0	–	–	–	–	24	100.0	10 928	100.0	108	100.0	3	100.0	11 039	100.0	–	–	–
Mean birthweight (grams)	3 123	..	1 472	..	3 101	..	3 349	..	1 445	..	na	..	3 336	..	na	..	..	..	..	..	na	..	3 264	..	1 459	..	na	..	3 247	..	..	..	..

(a) Data are presented in a three year grouping due to small numbers. ACT not published due to small numbers. Tasmania not available because the not stated category for Indigenous status was not able to be distinguished from the non-Indigenous category.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) The Australian all births section totals includes data for Tas and ACT.

na Not available. .. Not applicable. – Nil or rounded to zero. np Not published.

Source: National Perinatal Data Collection, AIHW National Perinatal Statistics Unit (unpublished).

Table 5A.3.7

Table 5A.3.7 **Baby's birthweight, by live births and fetal deaths, 1998–2000 (a), (b), (c)**

	Indigenous						Non-Indigenous						All births					
	Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
<b>Australia</b>																		
Number of low birthweight (<2500g)	3 101	11.9		258	76.6		3 359	12.8		44 503	6.0		3 715	74.7		48 218	6.5	
Number of very low birthweight (<1500g)	569	2.2		212	62.9		781	3.0		7 519	1.0		2 971	59.7		10 490	1.4	
Number of extremely low birthweight (<1000g)	276	1.1		177	52.5		453	1.7		3 261	0.4		2 588	52.0		5 849	0.8	
All births	25 970	100.0		337	100.0		26 307	100.0		738 721	100.0		4 974	100.0		743 695	100.0	
Mean birthweight (grams)	3 179	..		1 371	..		3 156	..		3 382	..		1 432	..		3 369	..	
<b>NSW</b>																		
Number of low birthweight (<2500g)	684	11.0		45	68.2		729	11.6		14 526	5.7		1 180	71.2		15 706	6.2	
Number of very low birthweight (<1500g)	109	1.8		30	45.5		139	2.2		2 346	0.9		895	54.0		3 241	1.3	
Number of extremely low birthweight (<1000g)	50	0.8		26	39.4		76	1.2		993	0.4		775	46.8		1 768	0.7	
All births	6 203	100.0		66	100.0		6 269	100.0		253 590	100.0		1 657	100.0		255 247	100.0	
Mean birthweight (grams)	3 207	..		1 658	..		3 191	..		3 391	..		1 546	..		3 378	..	

Table 5A.3.7

Table 5A.3.7 **Baby's birthweight, by live births and fetal deaths, 1998–2000 (a), (b), (c)**

	Indigenous						Non-Indigenous						All births					
	Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
<b>Victoria</b>																		
Number of low birthweight (<2500g)	171	13.4		12	85.7		183	14.2		11 542	6.2		983	76.8		12 525	6.7	
Number of very low birthweight (<1500g)	27	2.1		9	64.3		36	2.8		1 963	1.1		793	62.0		2 756	1.5	
Number of extremely low birthweight (<1000g)	20	1.6		5	35.7		25	1.9		860	0.5		677	52.9		1 537	0.8	
All births	1 273	100.0		14	100.0		1 287	100.0		184 777	100.0		1 280	100.0		186 057	100.0	
Mean birthweight (grams)	3 157	..		1 353	..		3 137	..		3 367	..		1 386	..		3 354	..	
<b>Queensland</b>																		
Number of low birthweight (<2500g)	907	10.8		88	82.2		995	11.7		8 322	6.1		738	78.9		9 060	6.6	
Number of very low birthweight (<1500g)	171	2.0		77	72.0		248	2.9		1 463	1.1		611	65.3		2 074	1.5	
Number of extremely low birthweight (<1000g)	86	1.0		66	61.7		152	1.8		657	0.5		541	57.9		1 198	0.9	
All births	8 374	100.0		107	100.0		8 481	100.0		136 801	100.0		935	100.0		137 736	100.0	
Mean birthweight (grams)	3 223	..		1 234	..		3 198	..		3 396	..		1 310	..		3 382	..	

Table 5A.3.7

Table 5A.3.7 **Baby's birthweight, by live births and fetal deaths, 1998–2000 (a), (b), (c)**

	Indigenous						Non-Indigenous						All births					
	Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
<b>WA</b>																		
Number of low birthweight (<2500g)	606	13.3		46	78.0		652	14.2		4 160	5.8		388	79.2		4 548	6.3	
Number of very low birthweight (<1500g)	127	2.8		41	69.5		168	3.7		642	0.9		328	66.9		970	1.3	
Number of extremely low birthweight (<1000g)	57	1.3		35	59.3		92	2.0		262	0.4		289	59.0		551	0.8	
All births	4 542	100.0		59	100.0		4 601	100.0		71 586	100.0		490	100.0		72 076	100.0	
Mean birthweight (grams)	3 122	..		1 273	..		3 098	..		3 372	..		1 304	..		3 358	..	
<b>SA</b>																		
Number of low birthweight (<2500g)	203	15.7		17	77.3		220	16.7		3 349	6.3		252	78.8		3 601	6.7	
Number of very low birthweight (<1500g)	46	3.6		13	59.1		59	4.5		589	1.1		207	64.7		796	1.5	
Number of extremely low birthweight (<1000g)	20	1.5		10	45.5		30	2.3		254	0.5		188	58.8		442	0.8	
All births	1 293	100.0		22	100.0		1 315	100.0		53 489	100.0		320	100.0		53 809	100.0	
Mean birthweight (grams)	3 123	..		1 580	..		3 097	..		3 374	..		1 317	..		3 361	..	

Table 5A.3.7

Table 5A.3.7 **Baby's birthweight, by live births and fetal deaths, 1998–2000 (a), (b), (c)**

	Indigenous						Non-Indigenous						All births					
	Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
<b>Tasmania</b>																		
Number of low birthweight (<2500g)	12	4.9		5	83.3		17	6.7		1 133	6.4		84	51.9		1 217	6.8	
Number of very low birthweight (<1500g)	np	0.8		np	50.0		5	2.0		212	1.2		62	38.3		274	1.5	
Number of extremely low birthweight (<1000g)	np	0.4		np	50.0		4	1.6		83	0.5		51	31.5		134	0.7	
All births	247	100.0		6	100.0		253	100.0		17 714	100.0		162	100.0		17 876	100.0	
Mean birthweight (grams)	3 417	..	1 476	..	..	..	3 370	..	..	3 389	..	..	1 949	..	..	3 377	..	..
<b>ACT</b>																		
Number of low birthweight (<2500g)	np	np		np	np		30	17.4		980	7.0		58	70.7		1 038	7.4	
Number of very low birthweight (<1500g)	np	np		np	np		12	7.0		228	1.6		50	61.0		278	2.0	
Number of extremely low birthweight (<1000g)	np	..		np	..		np	1.2		121	0.9		45	54.9		166	1.2	
All births	np	np		np	np		172	100.0		13 945	100.0		82	100.0		14 027	100.0	
Mean birthweight (grams)	3 119	..	1 748	..	..	..	3 103	..	..	3 388	..	..	1 533	..	..	3 372	..	..

Table 5A.3.7

Table 5A.3.7 **Baby's birthweight, by live births and fetal deaths, 1998–2000 (a), (b), (c)**

	Indigenous						Non-Indigenous						All births					
	Live births			Fetal deaths			Total births			Live births			Fetal deaths			Total births		
	no.	%		no.	%		no.	%		no.	%		no.	%		no.	%	
<b>NT</b>																		
Number of low birthweight (<2500g)	490	12.7		43	70.5		533	13.6		491	7.2		32	66.7		523	7.6	
Number of very low birthweight (<1500g)	76	2.0		38	62.3		114	2.9		76	1.1		25	52.1		101	1.5	
Number of extremely low birthweight (<1000g)	40	1.0		32	52.5		72	1.8		31	0.5		22	45.8		53	0.8	
All births	3 868	100.0		61	100.0		3 929	100.0		6 819	100.0		48	100.0		6 867	100.0	
Mean birthweight (grams)	3 120	..		1 319	..		3 093	..		3 341	..		1 585	..		3 329	..	

(a) Data are presented in a three year grouping due to small numbers.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) Birthweight data on babies born to Indigenous mothers residing in the ACT or Tasmania should be viewed with caution as they are based on small numbers of births.

.. Not applicable. **np** Not published.

Source : AIHW National Perinatal Statistics Unit (unpublished).

Table 5A.3.8

Table 5A.3.8 **Baby's birthweight, by live births 1998–2000 to 2004–06 (a), (b), (c), (d)**

	Low birthweight (<2500g)		Very low birthweight (<1500g)		Extremely low birthweight (<1000g)		All births		Mean birthweight (grams)
	no.	%	no.	%	no.	%	no.	%	
1998–2000	3 101	11.9	569	2.2	276	1.1	25 970	100.0	3 179
1999–2001	3 241	13.0	294	2.0	276	1.0	25 807	100.0	3 171
2000–2002	3 356	12.9	614	2.4	285	1.1	26 106	100.0	3 169
2001–2003	3 403	12.9	614	2.3	284	1.1	26 353	100.0	3 136
2002–2004	3 459	13.0	630	2.4	296	1.1	26 583	100.0	3 161
2003–2005	3 620	13.1	672	2.4	316	1.1	27 619	100.0	3 158
2004–2006	3 743	12.9	700	2.4	327	1.1	28 961	100.0	3 162
1998–2000	44 503	6.0	7 519	1.0	3 261	0.4	738 721	100.0	3 382
1999–2001	42 418	6.0	7 192	1.0	3 126	–	706 230	100.0	3 382
2000–2002	43 606	6.1	7 350	1.0	3 154	0.4	717 858	100.0	3 382
2001–2003	43 485	6.1	7 267	1.0	3 176	0.4	717 635	100.0	3 380
2002–2004	43 974	6.1	7 275	1.0	3 182	0.4	720 309	100.0	3 380
2003–2005	45 096	6.1	7 375	1.0	3 199	0.4	741 868	100.0	3 379
2004–2006	47 350	6.1	7 873	1.0	3 425	0.4	770 564	100.0	3 379
1998–2000	na	na	na	na	na	na	na	na	na
1999–2001	15	10.0	3	2.0	2	1.0	152	100.0	na
2000–2002	22	8.1	6	2.2	5	1.8	271	100.0	3 346
2001–2003	19	7.0	4	1.5	3	1.1	273	100.0	3 380
2002–2004	22	8.6	4	1.6	3	1.2	256	100.0	3 358
2003–2005	15	6.0	1	0.4	–	–	248	100.0	na
2004–2006	48	6.0	7	0.9	1	0.1	796	100.0	na



Table 5A.3.8

**Table 5A.3.8      Baby's birthweight, by live births 1998–2000 to 2004–06 (a), (b), (c), (d)**

	Low birthweight (<2500g)		Very low birthweight (<1500g)		Extremely low birthweight (<1000g)		All births		Mean birthweight (grams)
	no.	%	no.	%	no.	%	no.	%	
1998–2000	47 604	6.2	8 088	1.1	3 537	0.5	764 691	100.0	3 375
1999–2001	47 740	6.0	8 200	1.0	3 569	–	763 635	100.0	3 375
2000–2002	48 100	6.3	8 161	1.1	3 519	0.5	761 390	100.0	3 375
2001–2003	48 068	6.3	8 072	1.1	3 535	0.5	761 059	100.0	3 373
2002–2004	48 652	6.4	8 108	1.1	3 549	0.5	763 773	100.0	3 372
2003–2005	48 731	6.3	8 048	1.0	3 515	0.5	769 735	100.0	3 371
2004–2006	51 141	6.4	8 580	1.1	3 753	0.5	800 321	100.0	3 371

(a) Data are presented in a three year grouping due to small numbers.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) Birthweight data on babies born to Indigenous mothers residing in the ACT or Tasmania should be viewed with caution as they are based on small numbers of births.

(d) For the period 1998–2000, data for non-Indigenous Australians includes unknown Indigenous status as the unknown category was unable to be distinguished from the non-Indigenous category in 1998.

na Not available. – Nil or rounded to zero.

Source: AIHW *National Perinatal Statistics Unit* (unpublished).

Table 5A.3.9

Table 5A.3.9	Baby's birthweight, by fetal deaths 1998–2000 to 2004–06 (a), (b), (c), (d)									
	Low birthweight (<2500g)		Very low birthweight (<1500g)		Extremely low birthweight (<1000g)		All births		Mean birthweight (grams)	
	no.	%	no.	%	no.	%	no.	%	no.	%
1998–2000	258	76.6	212	62.9	177	52.5	337	100.0	1 371	
1999–2001	255	75.0	207	61.0	181	53.0	342	100.0	1 432	
2000–2002	251	74.3	202	59.8	176	52.1	338	100.0	1 485	
2001–2003	244	75.1	197	60.6	176	54.1	325	100.0	1 450	
2002–2004	241	78.2	206	66.9	184	59.7	308	100.0	1 300	
2003–2005	244	77.7	211	67.2	191	60.8	314	100.0	1 257	
2004–2006	274	81.3	230	68.2	196	58.2	337	100.0	1 261	
1998–2000	3 715	74.7	2 971	59.7	2 588	52.0	4 974	100.0	1 432	
1999–2001	3 609	76.0	2 949	62.0	2 583	55.0	4 733	100.0	1 373	
2000–2002	3 660	76.6	3 041	63.7	2 674	56.0	4 776	100.0	1 341	
2001–2003	3 671	76.2	3 083	64.0	2 732	56.7	4 815	100.0	1 326	
2002–2004	3 822	76.7	3 219	64.6	2 858	57.4	4 981	100.0	1 297	
2003–2005	3 407	74.2	2 769	60.3	2 398	52.2	4 590	100.0	1 281	
2004–2006	4 353	78.2	3 668	65.9	3 283	59.0	5 564	100.0	1 237	
1998–2000	na	na	na	na	na	na	na	na	na	
1999–2001	2	100.0	–	–	–	–	2	100.0	na	
2000–2002	2	100.0	–	–	–	–	2	100.0	1 925	
2001–2003	2	66.7	1	33.3	1	33.3	3	100.0	1 705	
2002–2004	22	75.9	22	75.9	21	72.4	29	100.0	534	
2003–2005	2	50.0	2	50.0	1	25.0	4	100.0	na	
2004–2006	45	88.2	42	82.4	41	80.4	51	100.0	na	

Table 5A.3.9

Table 5A.3.9	Baby's birthweight, by fetal deaths 1998–2000 to 2004–06 (a), (b), (c), (d)							
	Low birthweight (<2500g)		Very low birthweight (<1500g)		Extremely low birthweight (<1000g)		All births	
	no.	%	no.	%	no.	%	no.	%
1998–2000	3 973	74.8	3 183	59.9	2 765	52.1	5 311	100.0
1999–2001	4 038	75.0	3 290	62.0	2 878	54.0	5 349	100.0
2000–2002	4 013	76.2	3 321	63.0	2 915	55.3	5 268	100.0
2001–2003	4 029	76.2	3 370	63.7	2 985	56.5	5 287	100.0
2002–2004	4 197	77.0	3 538	64.9	3 141	57.6	5 452	100.0
2003–2005	3 653	74.4	2 982	60.8	2 590	52.8	4 908	100.0
2004–2006	4 672	78.5	3 940	66.2	3 520	59.1	5 952	100.0

(a) Data are presented in a three year grouping due to small numbers.

(b) Data on Indigenous births relate to babies born to Indigenous mothers only, and excludes babies born to non-Indigenous mothers and Indigenous fathers. Thus, the information is not based on the total count of Indigenous babies.

(c) Birthweight data on babies born to Indigenous mothers residing in the ACT or Tasmania should be viewed with caution as they are based on small numbers of births.

(d) For the period 1998–2000, data for non-Indigenous Australians includes unknown Indigenous status as the unknown category was unable to be distinguished from the non-Indigenous category in 1998.

na Not available. – Nil or rounded to zero.

Source: AIHW National Perinatal Statistics Unit (unpublished).

Table 5A.4.1

Table 5A.4.1 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)

ICD-10-AM code and description	Separations (no.)		Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)
<b>NSW</b>					
Diseases of the respiratory system	1 183	20 515	21 698	65.6	50.0
Conditions originating in the perinatal period	593	13 246	13 839	32.9	32.3
Infectious and parasitic diseases	446	8 554	9 000	24.7	20.9
Contact with health services	269	7 253	7 522	14.9	17.7
Other symptoms, signs and abnormal findings	343	8 102	8 445	19.0	19.8
Injury and poisoning	355	6 570	6 925	19.7	16.0
Diseases of the digestive system	240	5 080	5 320	13.3	12.4
Diseases of the ear	156	4 598	4 754	8.6	11.2
Congenital abnormalities	157	5 325	5 482	8.7	13.0
Diseases of the nervous system	115	2 650	2 765	6.4	6.5
Diseases of the genitourinary system	63	2 567	2 630	3.5	6.3
Diseases of the skin and subcutaneous tissue	157	1 688	1 845	8.7	4.1
Total hospitalisations	4 290	91 579	95 869	237.8	223.4
<b>Victoria</b>					
Diseases of the respiratory system	181	11 007	11 188	51.6	35.9
Conditions originating in the perinatal period	142	16 695	16 837	40.5	54.5
Infectious and parasitic diseases	65	4 911	4 976	18.5	16.0
Contact with health services	69	5 518	5 587	19.7	18.0
Other symptoms, signs and abnormal findings	35	5 897	5 932	10.0	19.3
Injury and poisoning	70	4 905	4 975	19.9	16.0
Diseases of the digestive system	66	4 640	4 706	18.8	15.1

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Table 5A.4.1 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Indigenous	Non-Indigenous (d)
Diseases of the ear	31	4 285	4 316	8.8		14.0
Congenital abnormalities	40	3 823	3 863	11.4		12.5
Diseases of the nervous system	19	5 762	5 781	5.4		18.8
Diseases of the genitourinary system	11	1 633	1 644	3.1		5.3
Diseases of the skin and subcutaneous tissue	15	1 296	1 311	4.3		4.2
<i>Total hospitalisations</i>	771	74 783	75 554	219.7		244.1
<b>Queensland</b>						
Diseases of the respiratory system	1 185	10 941	12 126	68.8		45.3
Conditions originating in the perinatal period	714	9 225	9 939	41.4		38.2
Infectious and parasitic diseases	458	4 226	4 684	26.6		17.5
Contact with health services	272	4 196	4 468	15.8		17.4
Other symptoms, signs and abnormal findings	306	3 229	3 535	17.8		13.4
Injury and poisoning	492	4 891	5 383	28.5		20.2
Diseases of the digestive system	361	3 913	4 274	20.9		16.2
Diseases of the ear	143	2 826	2 969	8.3		11.7
Congenital abnormalities	152	2 749	2 901	8.8		11.4
Diseases of the nervous system	62	1 739	1 801	3.6		7.2
Diseases of the genitourinary system	109	1 291	1 400	6.3		5.3
Diseases of the skin and subcutaneous tissue	227	731	958	13.2		3.0
<i>Total hospitalisations</i>	4 752	53 331	58 083	275.7		220.6

Table 5A.4.1

Table 5A.4.1 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Indigenous	Non-Indigenous (d)
<b>WA</b>						
Diseases of the respiratory system	1 209	5 355	6 564	139.4		45.5
Conditions originating in the perinatal period	379	4 551	4 930	43.7		38.7
Infectious and parasitic diseases	520	2 148	2 668	60.0		18.2
Contact with health services	157	1 792	1 949	18.1		15.2
Other symptoms, signs and abnormal findings	220	1 872	2 092	25.4		15.9
Injury and poisoning	264	2 094	2 358	30.4		17.8
Diseases of the digestive system	170	2 212	2 382	19.6		18.8
Diseases of the ear	112	1 757	1 869	12.9		14.9
Congenital abnormalities	91	1 332	1 423	10.5		11.3
Diseases of the nervous system	66	1 368	1 434	7.6		11.6
Diseases of the genitourinary system	73	788	861	8.4		6.7
Diseases of the skin and subcutaneous tissue	164	423	587	18.9		3.6
<i>Total hospitalisations</i>	3 576	27 370	30 946	412.5		232.5
<b>SA</b>						
Diseases of the respiratory system	327	5 461	5 788	100.5		63.4
Conditions originating in the perinatal period	162	3 592	3 754	49.8		41.7
Infectious and parasitic diseases	175	1 946	2 121	53.8		22.6
Contact with health services	66	2 258	2 324	20.3		26.2
Other symptoms, signs and abnormal findings	93	1 409	1 502	28.6		16.4
Injury and poisoning	99	1 369	1 468	30.4		15.9
Diseases of the digestive system	68	1 481	1 549	20.9		17.2

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**Table 5A.4.1 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Indigenous	Non-Indigenous (d)
Diseases of the ear	50	2 445	2 495	15.4		28.4
Congenital abnormalities	20	1 106	1 126	6.1		12.8
Diseases of the nervous system	11	494	505	3.4		5.7
Diseases of the genitourinary system	14	483	497	4.3		5.6
Diseases of the skin and subcutaneous tissue	26	291	317	8.0		3.4
<i>Total hospitalisations</i>	1 157	23 672	24 829	355.5		274.9
<b>Public hospitals in the NT</b>						
Diseases of the respiratory system	927	304	1 231	132.1		28.5
Conditions originating in the perinatal period	413	317	730	58.8		29.7
Infectious and parasitic diseases	659	199	858	93.9		18.7
Contact with health services	176	108	284	25.1		10.1
Other symptoms, signs and abnormal findings	194	106	300	27.6		9.9
Injury and poisoning	178	162	340	25.4		15.2
Diseases of the digestive system	104	77	181	14.8		7.2
Diseases of the ear	36	31	67	5.1		2.9
Congenital abnormalities	86	104	190	12.3		9.7
Diseases of the nervous system	36	34	70	5.1		3.2
Diseases of the genitourinary system	91	51	142	13.0		4.8
Diseases of the skin and subcutaneous tissue	263	56	319	37.5		5.2
<i>Total hospitalisations</i>	3 314	1 644	4 958	472.1		154.1

Table 5A.4.1

Table 5A.4.1 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)
<b>NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT</b>					
Diseases of the respiratory system	5 012	53 583	58 595	86.8	45.7
Conditions originating in the perinatal period	2 403	47 626	50 029	41.6	40.6
Infectious and parasitic diseases	2 323	21 984	24 307	40.2	18.7
Contact with health services	1 009	21 125	22 134	17.5	18.0
Other symptoms, signs and abnormal findings	1 191	20 615	21 806	20.6	17.6
Injury and poisoning	1 458	19 991	21 449	25.3	17.0
Diseases of the digestive system	1 009	17 403	18 412	17.5	14.8
Diseases of the ear	528	15 942	16 470	9.1	13.6
Congenital abnormalities	546	14 439	14 985	9.5	12.3
Diseases of the nervous system	309	12 047	12 356	5.4	10.3
Diseases of the genitourinary system	361	6 813	7 174	6.3	5.8
Diseases of the skin and subcutaneous tissue	852	4 485	5 337	14.8	3.8
<i>Total hospitalisations</i>	17 860	272 379	290 239	309.4	232.3

(a) Data are based on principal diagnosis as classified by the ICD-10-AM code and description.

(b) Data are based on state of usual residence.

(c) Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections).

(d) Separations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished).



Table 5A.4.2

Table 5A.4.2 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)

ICD-10-AM code and description	Separations (no.)		Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)
<b>NSW</b>					
Diseases of the respiratory system	1 377	21 153	22 530	75.6	51.1
Conditions originating in the perinatal period	634	13 269	13 903	34.8	32.0
Infectious and parasitic diseases	586	11 310	11 896	32.2	27.3
Other symptoms, signs and abnormal findings	336	8 906	9 242	18.4	21.5
Injury and poisoning	382	6 925	7 307	21.0	16.7
Contact with health services	305	7 131	7 436	16.7	17.2
Diseases of the digestive system	326	5 271	5 597	17.9	12.7
Congenital abnormalities	203	5 030	5 233	11.1	12.1
Diseases of the ear	136	4 030	4 166	7.5	9.7
Diseases of the nervous system	95	2 395	2 490	5.2	5.8
Diseases of the genitourinary system	87	2 682	2 769	4.8	6.5
Diseases of the skin and subcutaneous tissue	171	1 576	1 747	9.4	3.8
Total hospitalisations	4 813	95 095	99 908	264.2	229.7
<b>Victoria</b>					
Diseases of the respiratory system	183	11 226	11 409	51.0	36.2
Conditions originating in the perinatal period	159	17 314	17 473	44.3	55.8
Infectious and parasitic diseases	82	5 642	5 724	22.9	18.2
Other symptoms, signs and abnormal findings	68	6 439	6 507	19.0	20.8
Injury and poisoning	67	4 869	4 936	18.7	15.7
Contact with health services	67	5 653	5 720	18.7	18.2
Diseases of the digestive system	57	4 738	4 795	15.9	15.3

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Table 5A.4.2 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Indigenous	Non-Indigenous (d)
Congenital abnormalities	28	3 665	3 693		7.8	11.8
Diseases of the ear	30	3 749	3 779		8.4	12.1
Diseases of the nervous system	20	5 250	5 270		5.6	16.9
Diseases of the genitourinary system	22	1 548	1 570		6.1	5.0
Diseases of the skin and subcutaneous tissue	21	1 124	1 145		5.9	3.6
<i>Total hospitalisations</i>	828	75 552	76 380		230.8	243.6
<b>Queensland</b>						
Diseases of the respiratory system	1 341	10 218	11 559		77.2	41.2
Conditions originating in the perinatal period	781	9 925	10 706		45.0	40.1
Infectious and parasitic diseases	557	5 017	5 574		32.1	20.2
Other symptoms, signs and abnormal findings	358	3 320	3 678		20.6	13.4
Injury and poisoning	471	5 267	5 738		27.1	21.3
Contact with health services	267	4 056	4 323		15.4	16.4
Diseases of the digestive system	341	3 826	4 167		19.6	15.4
Congenital abnormalities	195	2 885	3 080		11.2	11.6
Diseases of the ear	155	2 486	2 641		8.9	10.0
Diseases of the nervous system	88	1 800	1 888		5.1	7.3
Diseases of the genitourinary system	111	1 294	1 405		6.4	5.2
Diseases of the skin and subcutaneous tissue	244	864	1 108		14.0	3.5
<i>Total hospitalisations</i>	5 102	54 161	59 263		293.7	218.6

Table 5A.4.2

Table 5A.4.2 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)

ICD-10-AM code and description	Separations (no.)		Age specific rate (c)	
	Indigenous	Non-Indigenous (d)	Indigenous	Non-Indigenous (d)
<b>WA</b>				
Diseases of the respiratory system	1 095	5 117	6 212	124.9
Conditions originating in the perinatal period	411	4 683	5 094	46.9
Infectious and parasitic diseases	479	2 067	2 546	54.6
Other symptoms, signs and abnormal findings	211	2 036	2 247	24.1
Injury and poisoning	281	2 022	2 303	32.0
Contact with health services	120	1 764	1 884	13.7
Diseases of the digestive system	176	2 224	2 400	20.1
Congenital abnormalities	93	1 392	1 485	10.6
Diseases of the ear	102	1 620	1 722	11.6
Diseases of the nervous system	42	1 067	1 109	4.8
Diseases of the genitourinary system	80	839	919	9.1
Diseases of the skin and subcutaneous tissue	190	448	638	21.7
<i>Total hospitalisations</i>	3 418	27 032	30 450	389.7
<b>SA</b>				
Diseases of the respiratory system	327	5 518	5 845	99.1
Conditions originating in the perinatal period	180	3 741	3 921	54.6
Infectious and parasitic diseases	179	2 033	2 212	54.3
Other symptoms, signs and abnormal findings	79	1 185	1 264	23.9
Injury and poisoning	86	1 393	1 479	26.1
Contact with health services	72	2 334	2 406	21.8
Diseases of the digestive system	49	1 464	1 513	14.9

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Table 5A.4.2

Table 5A.4.2 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)		
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Indigenous	Non-Indigenous (d)
Congenital abnormalities	23	1 138	1 161		7.0	13.2
Diseases of the ear	43	2 202	2 245		13.0	25.5
Diseases of the nervous system	14	437	451		4.2	5.1
Diseases of the genitourinary system	16	469	485		4.8	5.4
Diseases of the skin and subcutaneous tissue	43	317	360		13.0	3.7
<i>Total hospitalisations</i>	1 136	23 535	24 671		344.3	272.9
<b>Public hospitals in the NT</b>						
Diseases of the respiratory system	963	362	1 325		138.5	33.7
Conditions originating in the perinatal period	435	394	829		62.6	36.6
Infectious and parasitic diseases	866	287	1 153		124.6	26.7
Other symptoms, signs and abnormal findings	174	114	288		25.0	10.6
Injury and poisoning	190	168	358		27.3	15.6
Contact with health services	185	161	346		26.6	15.0
Diseases of the digestive system	97	98	195		14.0	9.1
Congenital abnormalities	106	97	203		15.2	9.0
Diseases of the ear	42	40	82		6.0	3.7
Diseases of the nervous system	35	29	64		5.0	2.7
Diseases of the genitourinary system	100	65	165		14.4	6.0
Diseases of the skin and subcutaneous tissue	232	51	283		33.4	4.7
<i>Total hospitalisations</i>	3 562	1 956	5 518		512.3	181.9

Table 5A.4.2

Table 5A.4.2 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)

ICD-10-AM code and description	Separations (no.)		Age specific rate (c)	
	Indigenous	Non-Indigenous (d)	Indigenous	Non-Indigenous (d)
<b>NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT</b>				
Diseases of the respiratory system	5 286	53 594	58 880	90.8
Conditions originating in the perinatal period	2 600	49 326	51 926	44.7
Infectious and parasitic diseases	2 749	26 356	29 105	47.2
Other symptoms, signs and abnormal findings	1 226	22 000	23 226	21.1
Injury and poisoning	1 477	20 644	22 121	25.4
Contact with health services	1 016	21 099	22 115	17.5
Diseases of the digestive system	1 046	17 621	18 667	18.0
Congenital abnormalities	648	14 207	14 855	11.1
Diseases of the ear	508	14 127	14 635	8.7
Diseases of the nervous system	294	10 978	11 272	5.1
Diseases of the genitourinary system	416	6 897	7 313	7.1
Diseases of the skin and subcutaneous tissue	901	4 380	5 281	15.5
<i>Total hospitalisations</i>	18 859	277 331	296 190	324.0
				233.3

(a) Data are based on principal diagnosis as classified by the ICD-10-AM code and description.

(b) Data are based on state of usual residence.

(c) Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections).

(d) Separations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.4.3

Table 5A.4.3 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)			Rate ratio
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)		
<b>NSW</b>							
Diseases of the respiratory system	1 298	21 112	22 410	70.3	50.3		1.4
Conditions originating in the perinatal period	710	13 496	14 206	38.4	32.2		1.2
Infectious and parasitic diseases	619	10 978	11 597	33.5	26.2		1.3
Other symptoms, signs and abnormal findings	361	9 183	9 544	19.5	21.9		0.9
Contact with health services	299	7 664	7 963	16.2	18.3		0.9
Injury and poisoning	410	6 784	7 194	22.2	16.2		1.4
Diseases of the digestive system	295	5 350	5 645	16.0	12.8		1.3
Congenital abnormalities	226	5 340	5 566	12.2	12.7		1.0
Diseases of the ear	172	4 148	4 320	9.3	9.9		0.9
Diseases of the nervous system	82	2 691	2 773	4.4	6.4		0.7
Diseases of the genitourinary system	91	2 789	2 880	4.9	6.6		0.7
Diseases of the skin and subcutaneous tissue	173	1 630	1 803	9.4	3.9		2.4
<i>Total hospitalisations</i>	<i>4 907</i>	<i>96 826</i>	<i>101 733</i>	<i>265.7</i>	<i>230.8</i>		<i>1.2</i>
<b>Victoria</b>							
Diseases of the respiratory system	185	11 552	11 737	50.4	36.5		1.4
Conditions originating in the perinatal period	187	18 124	18 311	51.0	57.3		0.9
Infectious and parasitic diseases	97	6 122	6 219	26.4	19.4		1.4
Other symptoms, signs and abnormal findings	61	6 768	6 829	16.6	21.4		0.8
Contact with health services	69	6 027	6 096	18.8	19.1		1.0
Injury and poisoning	80	5 033	5 113	21.8	15.9		1.4
Diseases of the digestive system	80	4 452	4 532	21.8	14.1		1.5

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Table 5A.4.3

Table 5A.4.3 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)			Rate ratio
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)		
Congenital abnormalities	39	3 935	3 974	10.6	12.4	0.9	
Diseases of the ear	26	3 445	3 471	7.1	10.9	0.7	
Diseases of the nervous system	28	4 474	4 502	7.6	14.1	0.5	
Diseases of the genitourinary system	12	1 538	1 550	3.3	4.9	0.7	
Diseases of the skin and subcutaneous tissue	29	1 129	1 158	7.9	3.6	2.2	
<i>Total hospitalisations</i>	923	76 997	77 920	251.5	243.5	1.0	
<b>Queensland</b>							
Diseases of the respiratory system	1 080	9 901	10 981	61.4	39.1	1.6	
Conditions originating in the perinatal period	824	10 020	10 844	46.9	39.5	1.2	
Infectious and parasitic diseases	598	5 312	5 910	34.0	21.0	1.6	
Other symptoms, signs and abnormal findings	335	3 185	3 520	19.1	12.6	1.5	
Contact with health services	280	4 147	4 427	15.9	16.4	1.0	
Injury and poisoning	437	5 156	5 593	24.9	20.3	1.2	
Diseases of the digestive system	347	3 561	3 908	19.7	14.0	1.4	
Congenital abnormalities	165	3 090	3 255	9.4	12.2	0.8	
Diseases of the ear	151	2 494	2 645	8.6	9.8	0.9	
Diseases of the nervous system	110	2 065	2 175	6.3	8.1	0.8	
Diseases of the genitourinary system	110	1 361	1 471	6.3	5.4	1.2	
Diseases of the skin and subcutaneous tissue	251	934	1 185	14.3	3.7	3.9	
<i>Total hospitalisations</i>	4 891	54 536	59 427	278.2	215.1	1.3	

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Table 5A.4.3

Table 5A.4.3 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)			Rate ratio
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)		
<b>WA</b>							
Diseases of the respiratory system	1 112	4 738	5 850	124.8	38.3	3.3	
Conditions originating in the perinatal period	423	4 837	5 260	47.5	39.1	1.2	
Infectious and parasitic diseases	454	2 106	2 560	51.0	17.0	3.0	
Other symptoms, signs and abnormal findings	186	2 131	2 317	20.9	17.2	1.2	
Contact with health services	103	1 793	1 896	11.6	14.5	0.8	
Injury and poisoning	244	2 093	2 337	27.4	16.9	1.6	
Diseases of the digestive system	164	2 174	2 338	18.4	17.6	1.0	
Congenital abnormalities	94	1 372	1 466	10.6	11.1	1.0	
Diseases of the ear	112	1 476	1 588	12.6	11.9	1.1	
Diseases of the nervous system	43	1 177	1 220	4.8	9.5	0.5	
Diseases of the genitourinary system	69	842	911	7.7	6.8	1.1	
Diseases of the skin and subcutaneous tissue	183	450	633	20.5	3.6	5.7	
<i>Total hospitalisations</i>	3 339	26 782	30 121	374.9	216.4	1.7	
<b>SA</b>							
Diseases of the respiratory system	353	5 239	5 592	104.9	60.1	1.7	
Conditions originating in the perinatal period	176	3 859	4 035	52.3	44.3	1.2	
Infectious and parasitic diseases	177	2 277	2 454	52.6	26.1	2.0	
Other symptoms, signs and abnormal findings	63	1 214	1 277	18.7	13.9	1.3	
Contact with health services	78	2 230	2 308	23.2	25.6	0.9	
Injury and poisoning	96	1 662	1 758	28.5	19.1	1.5	
Diseases of the digestive system	66	1 486	1 552	19.6	17.1	1.2	

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Table 5A.4.3

**Table 5A.4.3 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)			Rate ratio
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)		
Congenital abnormalities	50	1 108	1 158	14.9	12.7	1.2	
Diseases of the ear	37	2 244	2 281	11.0	25.8	0.4	
Diseases of the nervous system	16	478	494	4.8	5.5	0.9	
Diseases of the genitourinary system	16	543	559	4.8	6.2	0.8	
Diseases of the skin and subcutaneous tissue	36	334	370	10.7	3.8	2.8	
<i>Total hospitalisations</i>	1 196	24 039	25 235	355.5	275.8	1.3	
<b>Public hospitals in the NT</b>							
Diseases of the respiratory system	1 039	321	1 360	150.1	29.7	5.1	
Conditions originating in the perinatal period	406	311	717	58.6	28.7	2.0	
Infectious and parasitic diseases	729	207	936	105.3	19.1	5.5	
Other symptoms, signs and abnormal findings	168	113	281	24.3	10.4	2.3	
Contact with health services	227	186	413	32.8	17.2	1.9	
Injury and poisoning	219	159	378	31.6	14.7	2.2	
Diseases of the digestive system	104	91	195	15.0	8.4	1.8	
Congenital abnormalities	115	98	213	16.6	9.1	1.8	
Diseases of the ear	39	47	86	5.6	4.3	1.3	
Diseases of the nervous system	31	37	68	4.5	3.4	1.3	
Diseases of the genitourinary system	93	62	155	13.4	5.7	2.3	
Diseases of the skin and subcutaneous tissue	254	56	310	36.7	5.2	7.1	
<i>Total hospitalisations</i>	3 594	1 767	5 361	519.2	163.3	3.2	

Table 5A.4.3

Table 5A.4.3 Number and rate of hospitalisations for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b)

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)		Rate ratio
	Indigenous	Non-Indigenous (d)	Total	Indigenous	Non-Indigenous (d)	
NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT						
Diseases of the respiratory system	5 067	52 863	57 930	86.0	43.7	2.0
Conditions originating in the perinatal period	2 726	50 647	53 373	46.3	41.8	1.1
Infectious and parasitic diseases	2 674	27 002	29 676	45.4	22.3	2.0
Other symptoms, signs and abnormal findings	1 174	22 594	23 768	19.9	18.7	1.1
Contact with health services	1 056	22 047	23 103	17.9	18.2	1.0
Injury and poisoning	1 486	20 887	22 373	25.2	17.2	1.5
Diseases of the digestive system	1 056	17 114	18 170	17.9	14.1	1.3
Congenital abnormalities	689	14 943	15 632	11.7	12.3	0.9
Diseases of the ear	537	13 854	14 391	9.1	11.4	0.8
Diseases of the nervous system	310	10 922	11 232	5.3	9.0	0.6
Diseases of the genitourinary system	391	7 135	7 526	6.6	5.9	1.1
Diseases of the skin and subcutaneous tissue	926	4 533	5 459	15.7	3.7	4.2
Total hospitalisations	18 850	280 947	299 797	320.0	232.0	1.4

(a) Data are based on principal diagnosis as classified by the ICD-10-AM code and description.

(b) Data are based on state of usual residence.

(c) Age specific rates are per 1000 people in that age group (based on ABS Indigenous population projections).

(d) Separations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.5.1

**Table 5A.5.1 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006–07 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
<b>NSW</b>					
Certain infectious and parasitic diseases (A00–B99)	619	10 978	11 597	33.5	26.2
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	38	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	180	4 247	4 427	9.7	10.1
Diseases of the respiratory system (J00–J99)	1 298	21 112	22 410	70.3	50.3
Diseases of oral cavity, salivary glands and jaws (K00–K14)	159	2 055	2 214	8.6	4.9
Diseases of the skin and subcutaneous tissue (L00–L99)	173	1 630	1 803	9.4	3.9
Injury, poisoning and certain other consequences of external causes (S00–T98)	410	6 784	7 194	22.2	16.2
Transport accidents (V01–V99)	19	315	334	1.0	0.8
Other external causes of accidental injury (W00–X59)	351	5 906	6 257	19.0	14.1
Assault (X85–Y09)	20	59	79	1.1	0.1
Complications of medical and surgical care (Y40–Y84)	13	468	481	0.7	1.1
Other	7	36	43	0.4	0.1
Total potentially preventable hospitalisations	2 839	46 844	49 645	153.9	111.7
<b>Victoria</b>					
Certain infectious and parasitic diseases (A00–B99)	97	6 122	6 219	26.4	19.4
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	–	27	27	–	0.1
Diseases of the ear and mastoid process (H60–H95)	26	3 510	3 536	7.1	11.1
Diseases of the respiratory system (J00–J99)	185	11 552	11 737	50.4	36.5
Diseases of oral cavity, salivary glands and jaws (K00–K14)	43	1 890	1 933	11.7	6.0
Diseases of the skin and subcutaneous tissue (L00–L99)	29	1 129	1 158	7.9	3.6

Table 5A.5.1

**Table 5A.5.1 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006–07 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Injury, poisoning and certain other consequences of external causes (S00–T98)	80	5 033	5 113	21.8	15.9
Transport accidents (V01–V99)	np	188	np	np	0.6
Other external causes of accidental injury (W00–X59)	65	4 353	4 418	17.7	13.8
Assault (X85–Y09)	np	39	np	np	0.1
Complications of medical and surgical care (Y40–Y84)	7	433	440	1.9	1.4
Other	np	20	np	np	0.1
Total potentially preventable hospitalisations	460	29 263	29 723	125.3	92.5
<b>Queensland</b>					
Certain infectious and parasitic diseases (A00–B99)	598	5 312	5 910	34.0	21.0
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	28	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	160	2 569	2 729	9.1	10.1
Diseases of the respiratory system (J00–J99)	1 080	9 901	10 981	61.4	39.1
Diseases of oral cavity, salivary glands and jaws (K00–K14)	264	1 650	1 914	15.0	6.5
Diseases of the skin and subcutaneous tissue (L00–L99)	251	934	1 185	14.3	3.7
Injury, poisoning and certain other consequences of external causes (S00–T98)	437	5 156	5 593	24.9	20.3
Transport accidents (V01–V99)	23	215	238	1.3	0.8
Other external causes of accidental injury (W00–X59)	356	4 443	4 799	20.3	17.5
Assault (X85–Y09)	30	70	100	1.7	0.3
Complications of medical and surgical care (Y40–Y84)	21	401	422	1.2	1.6
Other	7	27	34	0.4	0.1
Total potentially preventable hospitalisations	2 790	25 550	28 312	159.0	100.8

Table 5A.5.1

**Table 5A.5.1 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006–07 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
<b>WA</b>					
Certain infectious and parasitic diseases (A00–B99)	454	2 106	2 560	51.0	17.0
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	19	np	np	2.1	np
Diseases of the ear and mastoid process (H60–H95)	117	1 500	1 617	13.1	12.1
Diseases of the respiratory system (J00–J99)	1 112	4 738	5 850	124.8	38.3
Diseases of oral cavity, salivary glands and jaws (K00–K14)	116	1 156	1 272	13.0	9.3
Diseases of the skin and subcutaneous tissue (L00–L99)	183	450	633	20.5	3.6
Injury, poisoning and certain other consequences of external causes (S00–T98)	244	2 093	2 337	27.4	16.9
Transport accidents (V01–V99)	21	100	121	2.4	0.8
Other external causes of accidental injury (W00–X59)	191	1 822	2 013	21.4	14.7
Assault (X85–Y09)	20	27	47	2.2	0.2
Complications of medical and surgical care (Y40–Y84)	12	140	152	1.3	1.1
Other	–	np	np	np	np
Total potentially preventable hospitalisations	2 245	12 043	14 269	252.0	97.3
<b>SA</b>					
Certain infectious and parasitic diseases (A00–B99)	177	2 277	2 454	52.6	26.1
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	17	np	np	0.2
Diseases of the ear and mastoid process (H60–H95)	38	2 270	2 308	11.3	26.0
Diseases of the respiratory system (J00–J99)	353	5 239	5 592	104.9	60.1
Diseases of oral cavity, salivary glands and jaws (K00–K14)	53	701	754	15.8	8.0
Diseases of the skin and subcutaneous tissue (L00–L99)	36	334	370	10.7	3.8
Injury, poisoning and certain other consequences of external causes (S00–T98)	96	1 662	1 758	28.5	19.1

Table 5A.5.1

**Table 5A.5.1 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006–07 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Transport accidents (V01–V99)	np	48	np	np	0.6
Other external causes of accidental injury (W00–X59)	79	1 445	1 524	23.5	16.6
Assault (X85–Y09)	8	26	34	2.4	0.3
Complications of medical and surgical care (Y40–Y84)	np	137	np	np	1.6
Other	–	6	6	0.0	0.1
Total potentially preventable hospitalisations	753	12 500	13 236	225.0	143.4
<b>Public hospitals in the NT</b>					
Certain infectious and parasitic diseases (A00–B99)	729	207	936	105.3	19.1
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	68	np	np	9.8	np
Diseases of the ear and mastoid process (H60–H95)	41	48	89	5.9	4.4
Diseases of the respiratory system (J00–J99)	1 039	321	1 360	150.1	29.7
Diseases of oral cavity, salivary glands and jaws (K00–K14)	64	41	105	9.2	3.8
Diseases of the skin and subcutaneous tissue (L00–L99)	254	56	310	36.7	5.2
Injury, poisoning and certain other consequences of external causes (S00–T98)	219	159	378	31.6	14.7
Transport accidents (V01–V99)	11	9	20	1.6	0.8
Other external causes of accidental injury (W00–X59)	180	138	318	26.0	12.8
Assault (X85–Y09)	14	np	np	2.0	np
Complications of medical and surgical care (Y40–Y84)	13	9	22	1.9	0.8
Other	np	–	np	np	0.0
Total potentially preventable hospitalisations	2 414	832	3 178	348.7	77.3

Table 5A.5.1

**Table 5A.5.1 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006–07 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous (d)	Total	Indigenous	non-Indigenous (d)
<b>NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT</b>					
Certain infectious and parasitic diseases (A00–B99)	2 674	27 002	29 676	45.4	22.3
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	100	119	219	1.7	0.1
Diseases of the ear and mastoid process (H60–H95)	562	14 144	14 706	9.5	11.7
Diseases of the respiratory system (J00–J99)	5 067	52 863	57 930	86.0	43.7
Diseases of oral cavity, salivary glands and jaws (K00–K14)	699	7 493	8 192	11.9	6.2
Diseases of the skin and subcutaneous tissue (L00–L99)	926	4 533	5 459	15.7	3.7
Injury, poisoning and certain other consequences of external causes (S00–T98)	1 486	20 887	22 373	25.2	17.2
Transport accidents (V01–V99)	84	875	959	1.4	0.7
Other external causes of accidental injury (W00–X59)	1 222	18 107	19 329	20.7	15.0
Assault (X85–Y09)	94	224	318	1.6	0.2
Complications of medical and surgical care (Y40–Y84)	70	1 588	1 658	1.2	1.3
Other	16	93	109	0.3	0.1
<b>Total potentially preventable hospitalisations</b>	<b>11 514</b>	<b>127 041</b>	<b>138 555</b>	<b>195.4</b>	<b>104.9</b>

(a) Data are based on principal diagnosis as classified by the ICD-10-AM code and description.

(b) Data are based on state of usual residence.

(c) Age specific rates are as per 1,000 people in that age group (based on ABS Indigenous population projections).

(d) Separations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.

– Nil or rounded to zero. **np** Not published.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.5.2

**Table 5A.5.2 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005–06 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous (d)	Total	Indigenous	non-Indigenous (d)
<b>NSW</b>					
Certain infectious and parasitic diseases (A00–B99)	586	11 310	11 896	32.2	27.3
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	29	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	143	4 138	4 281	7.8	10.0
Diseases of the respiratory system (J00–J99)	1 377	21 153	22 530	75.6	51.1
Diseases of oral cavity, salivary glands and jaws (K00–K14)	199	2 042	2 241	10.9	4.9
Diseases of the skin and subcutaneous tissue (L00–L99)	171	1 576	1 747	9.4	3.8
Injury, poisoning and certain other consequences of external causes (S00–T98)	382	6 925	7 307	21.0	16.7
Transport accidents (V01–V99)	30	398	428	1.6	1.0
Other external causes of accidental injury (W00–X59)	313	5 988	6 301	17.2	14.5
Assault (X85–Y09)	19	74	93	1.0	0.2
Complications of medical and surgical care (Y40–Y84)	17	434	451	0.9	1.0
Other	np	31	np	np	0.1
Total potentially preventable hospitalisations	2 858	47 173	50 002	157.0	113.9
<b>Victoria</b>					
Certain infectious and parasitic diseases (A00–B99)	82	5 642	5 724	22.9	18.2
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	25	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	30	3 826	3 856	8.4	12.3
Diseases of the respiratory system (J00–J99)	183	11 226	11 409	51.0	36.2
Diseases of oral cavity, salivary glands and jaws (K00–K14)	41	2 278	2 319	11.4	7.3
Diseases of the skin and subcutaneous tissue (L00–L99)	21	1 124	1 145	5.9	3.6



Table 5A.5.2

**Table 5A.5.2 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Injury, poisoning and certain other consequences of external causes (S00–T98)	67	4 869	4 936	18.7	15.7
Transport accidents (V01–V99)	np	186	189	np	0.6
Other external causes of accidental injury (W00–X59)	57	4 201	4 258	15.9	13.5
Assault (X85–Y09)	np	36	np	np	0.1
Complications of medical and surgical care (Y40–Y84)	np	427	np	np	1.4
Other	–	19	19	–	0.1
Total potentially preventable hospitalisations	424	28 990	29 389	118.5	93.5
<b>Queensland</b>					
Certain infectious and parasitic diseases (A00–B99)	557	5 017	5 574	32.1	20.2
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	19	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	162	2 549	2 711	9.3	10.3
Diseases of the respiratory system (J00–J99)	1 341	10 218	11 559	77.2	41.2
Diseases of oral cavity, salivary glands and jaws (K00–K14)	230	1 821	2 051	13.2	7.3
Diseases of the skin and subcutaneous tissue (L00–L99)	244	864	1 108	14.0	3.5
Injury, poisoning and certain other consequences of external causes (S00–T98)	471	5 267	5 738	27.1	21.3
Transport accidents (V01–V99)	28	243	271	1.6	1.0
Other external causes of accidental injury (W00–X59)	390	4 430	4 820	22.5	17.9
Assault (X85–Y09)	16	43	59	0.9	0.2
Complications of medical and surgical care (Y40–Y84)	31	523	554	1.8	2.1
Other	6	28	34	0.3	0.1
Total potentially preventable hospitalisations	3 005	25 755	28 741	173.2	103.9

Table 5A.5.2

**Table 5A.5.2 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005–06 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
<b>WA</b>					
Certain infectious and parasitic diseases (A00–B99)	479	2 067	2 546	54.6	17.2
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	22	9	31	2.5	0.1
Diseases of the ear and mastoid process (H60–H95)	105	1 661	1 766	12.0	13.9
Diseases of the respiratory system (J00–J99)	1 095	5 117	6 212	124.9	42.7
Diseases of oral cavity, salivary glands and jaws (K00–K14)	121	1 209	1 330	13.8	10.1
Diseases of the skin and subcutaneous tissue (L00–L99)	190	448	638	21.7	3.7
Injury, poisoning and certain other consequences of external causes (S00–T98)	281	2 022	2 303	32.0	16.9
Transport accidents (V01–V99)	29	92	121	3.3	0.8
Other external causes of accidental injury (W00–X59)	218	1 786	2 004	24.9	14.9
Assault (X85–Y09)	23	19	42	2.6	0.2
Complications of medical and surgical care (Y40–Y84)	np	121	np	np	1.0
Other	np	np	np	np	np
Total potentially preventable hospitalisations	2 293	12 533	14 826	261.4	104.5
<b>SA</b>					
Certain infectious and parasitic diseases (A00–B99)	179	2 033	2 212	54.3	23.6
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	7	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	43	2 219	2 262	13.0	25.7
Diseases of the respiratory system (J00–J99)	327	5 518	5 845	99.1	64.0
Diseases of oral cavity, salivary glands and jaws (K00–K14)	33	762	795	10.0	8.8
Diseases of the skin and subcutaneous tissue (L00–L99)	43	317	360	13.0	3.7

Table 5A.5.2

**Table 5A.5.2 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Injury, poisoning and certain other consequences of external causes (S00–T98)	86	1 393	1 479	26.1	16.2
Transport accidents (V01–V99)	6	53	59	1.8	0.6
Other external causes of accidental injury (W00–X59)	69	1 219	1 288	20.9	14.1
Assault (X85–Y09)	np	27	np	1.5	0.3
Complications of medical and surgical care (Y40–Y84)	6	90	96	1.8	1.0
Other	–	np	np	–	np
Total potentially preventable hospitalisations	711	12 249	12 953	216.7	142.0
<b>Public hospitals in the NT</b>					
Certain infectious and parasitic diseases (A00–B99)	866	287	1 153	124.6	26.7
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	48	np	np	6.9	np
Diseases of the ear and mastoid process (H60–H95)	44	41	85	6.3	3.8
Diseases of the respiratory system (J00–J99)	963	362	1 325	138.5	33.7
Diseases of oral cavity, salivary glands and jaws (K00–K14)	70	48	118	10.1	4.5
Diseases of the skin and subcutaneous tissue (L00–L99)	232	51	283	33.4	4.7
Injury, poisoning and certain other consequences of external causes (S00–T98)	190	168	358	27.3	15.6

Table 5A.5.2

**Table 5A.5.2 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005–06 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Transport accidents (V01–V99)	7	7	14	1.0	0.7
Other external causes of accidental injury (W00–X59)	154	149	303	22.2	13.9
Assault (X85–Y09)	13	np	np	1.9	np
Complications of medical and surgical care (Y40–Y84)	14	10	24	2.0	0.9
Other	np	np	np	np	np
Total potentially preventable hospitalisations	2 413	957	3 322	347.1	89.3
<b>NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT</b>					
Certain infectious and parasitic diseases (A00–B99)	2 749	26 356	29 105	47.2	22.2
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	81	92	173	1.4	0.1
Diseases of the ear and mastoid process (H60–H95)	527	14 434	14 961	9.1	12.1
Diseases of the respiratory system (J00–J99)	5 286	53 594	58 880	90.8	45.1
Diseases of oral cavity, salivary glands and jaws (K00–K14)	694	8 160	8 854	11.9	6.9
Diseases of the skin and subcutaneous tissue (L00–L99)	901	4 380	5 281	15.5	3.7
Injury, poisoning and certain other consequences of external causes (S00–T98)	1 477	20 644	22 121	25.4	17.4
Transport accidents (V01–V99)	103	979	1 082	1.8	0.8
Other external causes of accidental injury (W00–X59)	1 201	17 773	18 974	20.6	14.9
Assault (X85–Y09)	79	200	279	1.4	0.2
Complications of medical and surgical care (Y40–Y84)	81	1 605	1 686	1.4	1.3
Other	13	87	100	0.2	0.1
Total potentially preventable hospitalisations	11 715	127 660	139 375	201.3	107.4

Table 5A.5.2    **Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous (d)	Total	Indigenous	non-Indigenous (d)

(a) Data are based on principal diagnosis as classified by the ICD-10-AM code and description.

(b) Data are based on state of usual residence.

(c) Age specific rates are as per 1,000 people in that age group (based on ABS Indigenous population projections).

(d) Separations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.  
– Nil or rounded to zero. **np** Not published.

Source: AIHW *National Hospital Morbidity Database* (unpublished).

Table 5A.5.3

**Table 5A.5.3 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous (d)	Total	Indigenous	non-Indigenous (d)
<b>NSW</b>					
Certain infectious and parasitic diseases (A00–B99)	446	8 554	9 000	24.7	20.9
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	7	30	37	0.4	0.1
Diseases of the ear and mastoid process (H60–H95)	163	4 714	4 877	9.0	11.5
Diseases of the respiratory system (J00–J99)	1 183	20 515	21 698	65.6	50.0
Diseases of oral cavity, salivary glands and jaws (K00–K14)	155	1 987	2 142	8.6	4.8
Diseases of the skin and subcutaneous tissue (L00–L99)	157	1 688	1 845	8.7	4.1
Injury, poisoning and certain other consequences of external causes (S00–T98)	355	6 570	6 925	19.7	16.0
Transport accidents (V01–V99)	30	325	355	1.7	0.8
Other external causes of accidental injury (W00–X59)	299	5 692	5 991	16.6	13.9
Assault (X85–Y09)	15	69	84	0.8	0.2
Complications of medical and surgical care (Y40–Y84)	np	450	np	np	1.1
Other	np	34	np	np	0.1
Total potentially preventable hospitalisations	2 466	44 058	46 524	136.7	107.5
<b>Victoria</b>					
Certain infectious and parasitic diseases (A00–B99)	65	4 911	4 976	18.5	16.0
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	29	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	32	4 344	4 376	9.1	14.2
Diseases of the respiratory system (J00–J99)	181	11 007	11 188	51.6	35.9
Diseases of oral cavity salivary, glands and jaws (K00–K14)	38	2 305	2 343	10.8	7.5
Diseases of the skin and subcutaneous tissue (L00–L99)	15	1 296	1 311	4.3	4.2

Table 5A.5.3

**Table 5A.5.3 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Injury, poisoning and certain other consequences of external causes (S00–T98)	70	4 905	4 975	19.9	16.0
Transport accidents (V01–V99)	np	202	206	1.1	0.7
Other external causes of accidental injury (W00–X59)	62	4 260	4 322	17.7	13.9
Assault (X85–Y09)	–	25	25	–	0.1
Complications of medical and surgical care (Y40–Y84)	np	394	np	np	1.3
Other	np	24	np	np	0.1
Total potentially preventable hospitalisations	401	28 797	29 199	116.2	94.7
<b>Queensland</b>					
Certain infectious and parasitic diseases (A00–B99)	458	4 226	4 684	26.6	17.5
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	np	26	np	np	0.1
Diseases of the ear and mastoid process (H60–H95)	154	2 899	3 053	8.9	12.0
Diseases of the respiratory system (J00–J99)	1 185	10 941	12 126	68.8	45.3
Diseases of oral cavity, salivary glands and jaws (K00–K14)	263	2 025	2 288	15.3	8.4
Diseases of the skin and subcutaneous tissue (L00–L99)	227	731	958	13.2	3.0
Injury, poisoning and certain other consequences of external causes (S00–T98)	492	4 891	5 383	28.5	20.2
Transport accidents (V01–V99)	39	233	272	2.3	1.0
Other external causes of accidental injury (W00–X59)	371	4 192	4 563	21.5	17.3
Assault (X85–Y09)	22	44	66	1.3	0.2
Complications of medical and surgical care (Y40–Y84)	51	411	462	3.0	1.7
Other	9	11	20	0.5	0.0
Total potentially preventable hospitalisations	2 779	25 739	28 492	161.5	106.5

Table 5A.5.3

**Table 5A.5.3 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous (d)	Total	Indigenous	non-Indigenous (d)
<b>WA</b>					
Certain infectious and parasitic diseases (A00–B99)	520	2 148	2 668	60.0	18.2
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	23	7	30	2.7	0.1
Diseases of the ear and mastoid process (H60–H95)	116	1 794	1 910	13.4	15.2
Diseases of the respiratory system (J00–J99)	1 209	5 355	6 564	139.4	45.5
Diseases of oral cavity, salivary glands and jaws (K00–K14)	126	1 222	1 348	14.5	10.4
Diseases of the skin and subcutaneous tissue (L00–L99)	164	423	587	18.9	3.6
Injury, poisoning and certain other consequences of external causes (S00–T98)	264	2 094	2 358	30.4	17.8
Transport accidents (V01–V99)	24	100	124	2.8	0.8
Other external causes of accidental injury (W00–X59)	205	1 832	2 037	23.6	15.6
Assault (X85–Y09)	24	23	47	2.8	0.2
Complications of medical and surgical care (Y40–Y84)	np	132	np	np	1.1
Other	np	7	np	np	0.1
Total potentially preventable hospitalisations	2 422	13 043	15 465	279.4	110.8



Table 5A.5.3

**Table 5A.5.3 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous (d)	Total	Indigenous	non-Indigenous (d)
<b>SA</b>					
Certain infectious and parasitic diseases (A00–B99)	175	1 946	2 121	53.8	22.6
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	11	7	18	3.4	0.1
Diseases of the ear and mastoid process (H60–H95)	51	2 469	2 520	15.7	28.7
Diseases of the respiratory system (J00–J99)	327	5 461	5 788	100.5	63.4
Diseases of oral cavity, salivary glands and jaws (K00–K14)	53	721	774	16.3	8.4
Diseases of the skin and subcutaneous tissue (L00–L99)	26	291	317	8.0	3.4
Injury, poisoning and certain other consequences of external causes (S00–T98)	99	1 369	1 468	30.4	15.9
Transport accidents (V01–V99)	7	45	52	2.2	0.5
Other external causes of accidental injury (W00–X59)	70	1 203	1 273	21.5	14.0
Assault (X85–Y09)	16	np	np	4.9	np
Complications of medical and surgical care (Y40–Y84)	6	101	107	1.8	1.2
Other	–	np	np	–	np
Total potentially preventable hospitalisations	742	12 264	13 006	228.0	142.4
<b>Public hospitals in the NT</b>					
Certain infectious and parasitic diseases (A00–B99)	659	199	858	93.9	18.7
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	66	np	np	9.4	np
Diseases of the ear and mastoid process (H60–H95)	40	32	72	5.7	3.0
Diseases of the respiratory system (J00–J99)	927	304	1 231	132.1	28.5
Diseases of oral cavity, salivary glands and jaws (K00–K14)	82	37	119	11.7	3.5
Diseases of the skin and subcutaneous tissue (L00–L99)	263	56	319	37.5	5.2

Table 5A.5.3

**Table 5A.5.3 Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous
Injury, poisoning and certain other consequences of external causes (S00–T98)	178	162	340	25.4	15.2
Transport accidents (V01–V99)	13	9	22	1.9	0.8
Other external causes of accidental injury (W00–X59)	133	140	273	18.9	13.1
Assault (X85–Y09)	15	–	15	2.1	–
Complications of medical and surgical care (Y40–Y84)	np	13	np	np	1.2
Other	np	–	np	np	–
Total potentially preventable hospitalisations	2 215	790	2 939	315.6	74.3
<b>NSW, Victoria, Queensland, WA, SA, and public hospitals in the NT</b>					
Certain infectious and parasitic diseases (A00–B99)	2 323	21 984	24 307	40.2	18.7
Nutritional anaemias (D50–D53) and malnutrition (E40–E46)	114	102	216	2.0	0.1
Diseases of the ear and mastoid process (H60–H95)	556	16 252	16 808	9.6	13.9
Diseases of the respiratory system (J00–J99)	5 012	53 583	58 595	86.8	45.7
Diseases of oral cavity, salivary glands and jaws (K00–K14)	717	8 297	9 014	12.4	7.1
Diseases of the skin and subcutaneous tissue (L00–L99)	852	4 485	5 337	14.8	3.8
Injury, poisoning and certain other consequences of external causes (S00–T98)	1 458	19 991	21 449	25.3	17.0
Transport accidents (V01–V99)	117	914	1 031	2.0	0.8
Other external causes of accidental injury (W00–X59)	1 140	17 319	18 459	19.7	14.8
Assault (X85–Y09)	92	177	269	1.6	0.2
Complications of medical and surgical care (Y40–Y84)	94	1 501	1 595	1.6	1.3
Other	15	80	95	0.3	0.1
Total potentially preventable hospitalisations	11 032	124 694	135 726	191.1	106.3

Table 5A.5.3      **Number and rate of hospitalisations for injury and potentially preventable diseases for children aged 0–4 years, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b)**

ICD-10-AM code and description	Separations (no.)			Age specific rate (c)	
	Indigenous	non-Indigenous	Total	Indigenous	non-Indigenous

- (a) Data are based on principal diagnosis as classified by the ICD-10-AM code and description.
- (b) Data are based on state of usual residence.
- (c) Age specific rates are as per 1,000 people in that age group (based on ABS Indigenous population projections).
- (d) Separations where Indigenous status was not stated are included in the non-Indigenous numbers and rates.
  - Nil or rounded to zero. **np** Not published.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.5.4

**Table 5A.5.4 Deaths from external causes and preventable diseases for children aged less than 5 years, 2003–2007 (a), (b), (c)**

		Indigenous				Non-Indigenous (d)				NT Australia (e)	
		NSW	Qld	WA	SA	NT Australia	NSW	Qld	WA	SA	NT Australia (e)
External causes and preventable diseases (f)	no.	28	47	29	9	30	286	210	91	71	9
All causes (f)	no.	169	219	129	33	142	2 279	1 420	524	408	61
Diseases as a percentage of all causes	%	16.6	21.5	22.5	27.3	21.1	12.5	14.8	17.4	17.4	14.8
Death rate per 10 000 children aged less than 5 years (g)		3.1	5.4	6.7	5.5	8.6	1.4	1.7	1.5	1.7	1.7
2003 Population aged less than 5 years	no.	18 109	17 285	8 706	3 265	6 996	410 270	244 582	118 377	85 926	10 729
						60 670					1 224 875

(a) See Appendix for ICD-10 codes included in 'External Causes and Preventable Diseases'

(b) Data on deaths of Aboriginal and Torres Strait Islander Australians are affected by differing levels of coverage of deaths identified as Indigenous across states and territories. Care should be exercised in analysing these data, particularly in making comparisons across states and territories and between the Indigenous and non-Indigenous data.

(c) Denominators used in the calculation of rates for the Indigenous population are Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians (ABS cat. no. 3238.0, low series, 2001 base). There are no comparable population data for the non-Indigenous population. Denominators used in the calculation of rates for comparison with the Indigenous population have been derived by subtracting Indigenous population estimates/projections from total estimated resident population and should be used with care, as these data include population units for which Indigenous status were not stated.

(d) Non-Indigenous includes deaths with a 'Not stated' Indigenous status.

(e) Includes 'Other Territories'.

(f) Data cells with small values have been randomly assigned to protect the confidentiality of individuals. As a result, some totals will not equal the sum of their components. It is important to note that cells with a zero value have not been affected by confidentiality.

(g) Rates are crude rates.

Source: ABS *Causes of Death 2008*, Cat. no. 3303.0 (unpublished).

Table 5A.5.5

**Table 5A.5.5 Deaths from external causes and preventable diseases for children aged less than 5 years, 2001–2005 (a)**

		Indigenous						Non-Indigenous					
		NSW	Qld	WA	SA	NT		NSW	Qld	WA	SA	NT	
External causes and preventable diseases	no.	25	48	37	12	38		283	211	100	59	13	
All causes	no.	156	232	143	34	155		2218	1331	524	413	80	
Diseases as a percentage of all causes	%	16.0	20.7	25.9	35.3	24.5		12.8	15.9	19.1	14.3	16.3	
Death rate per 10 000 children aged less than 5 years		np	5.7	9.3	7.6	10.8		np	1.8	1.7	1.4	2.5	
2003 Population aged less than 5 years	no.	np	16 966	7 928	3 163	7 056		np	np	np	np	np	

(a) Calculations of rates for the Indigenous population are based on ABS Experimental Projections, Aboriginal and Torres Strait Islander Australians (low series, 2001 base). There are no comparable population data for the non-Indigenous population. Calculations of rates for the non-Indigenous population are based on data derived by subtracting Indigenous population projections from total population estimates and should be used with care.

**np** Not published.

Source: ABS *Causes of Death, Australia*, Cat. no. 3303.0 (unpublished).

Table 5A.7.1

**Table 5A.7.1 Persons with a long-term hearing problem: type of ear/hearing problem, by age and Indigenous status, 2004-05 (per cent of population)**

	Deafness				Other hearing problems (a) (b)				Total with hearing problems (b) (c) (d)			
	Indigenous		Non-Indigenous		Indigenous		Non-Indigenous		Indigenous		Non-Indigenous	
	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)	Proportion (%)	Rate ratio (e)
0-14	4.5	10.8	1.2	15.1	5.4	11.3	1.9	14.1	9.5	8.0	3.0	10.5
15-24	5.4	15.6	2.5	15.2	2.6	22.9	1.4	22.4	7.7	12.8	3.8	13.6
25-34	10.3	9.9	5.1	10.5	(f) 2.6	21.4	(f) 2.3	13.1	12.1	8.8	7.1	8.0
35-44	10.7	11.6	8.4	6.3	(f) 4.7	21.9	(f) 2.7	11.6	14.5	9.5	10.7	5.4
45-54	16.7	12.9	10.8	5.3	(f) 3.6	31.4	(f) 3.4	11.1	19.6	12.1	13.6	4.8
55 and over	(f) 25.3	8.7	(f) 26.3	2.7	(f) 3.2	25.7	(f) 5.3	5.9	(f) 27.0	8.3	(f) 29.8	2.5
<b>Total (d)</b>	<b>8.8</b>	<b>4.6</b>	<b>10.2</b>	<b>1.9</b>	<b>3.8</b>	<b>10.0</b>	<b>3.0</b>	<b>3.8</b>	<b>12.2</b>	<b>4.1</b>	<b>12.7</b>	<b>1.7</b>

(a) Totals for other hearing problems have been age standardised.

(b) Includes Otitis media, tinnitus and Meniere's disease/vertiginous syndrome.

(c) Includes 'Type of ear/hearing problem' not known.

(d) Components may not add to total as persons may have reported more than one type of ear/hearing problem.

(e) The ratio is equal to the rate for Indigenous persons divided by the rate for non-Indigenous persons.

(f) The row or individual figure should be viewed with caution as the differences in proportions were found to be statistically insignificant.

Source: Australian Bureau of Statistics (ABS) 2006, *National Aboriginal and Torres Strait Islander Health Survey 2004-05* (NATSIHS 2004-05), Cat. no. 4715.0 (unpublished); *National Health Survey 2004-05* (NHS 2004-05), Cat. no. 4362.0 (unpublished).

Table 5A.7.2

Table 5A.7.2 Persons with a long-term hearing problem: type of ear/hearing problem, by age and Indigenous status, 2001 (per cent of population)

	Deafness				Other hearing problems (a) (b)				Total with hearing problems (b) (c) (d)			
	Indigenous		Non-Indigenous		Indigenous		Non-Indigenous		Indigenous		Non-Indigenous	
	Proportion (%)	RSE (%)	Proportion (%)	Rate ratio (e)	Proportion (%)	RSE (%)	Proportion (%)	Rate ratio (e)	Proportion (%)	RSE (%)	Proportion (%)	Rate ratio (e)
0-14	6.5	14.8	1.9	3.4	5.8	16.9	2.9	8.9	11.2	10.3	4.7	5.6
15-24	9.0	21.7	3	3.0	(f) 4.9	45.3	(f) 2.2	16.6	13.5	18.8	5.2	11.0
25-34	9.8	17.4	5.3	1.8	(f) 3.8	25.6	(f) 2.2	14.3	13.0	16.0	7.2	10.6
35-44	(f) 10.6	23.6	(f) 8.5	1.3	(f) 6.1	32.5	(f) 3.1	8.1	(f) 16	17.0	(f) 11.2	4.9
45-54	(f) 16.1	16.2	(f) 13.1	1.2	(f) 8	26.7	(f) 5.1	8.2	(f) 22.8	13.7	(f) 17.2	4.3
55 and over	(f) 26	17.9	(f) 27.4	1.0	(f) 5	42.1	(f) 6.6	6.7	(f) 29.1	14.6	(f) 31.9	2.5
<b>Total (d)</b>	<b>(f) 10</b>	<b>8.1</b>	<b>(f) 10.7</b>	<b>1.0</b>	<b>5.6</b>	<b>17.1</b>	<b>(f) 3.9</b>	<b>3.9</b>	<b>(f) 14.6</b>	<b>6.4</b>	<b>(f) 13.8</b>	<b>1.9</b>

(a) Totals for other hearing problems have been age standardised.

(b) Includes Otitis media, tinnitus and Meniere's disease/vertiginous syndrome.

(c) Includes 'Type of ear/hearing problem' not known.

(d) Components may not add to total as persons may have reported more than one type of ear/hearing problem.

(e) The ratio is equal to the rate for Indigenous persons divided by the rate for non-Indigenous persons.

(f) The row or individual figure should be viewed with caution as the differences in proportions were found to be statistically insignificant.

Source: ABS 2002, *National Health Survey 2001* (NHS 2001), Cat. no. 4364.0 (unpublished).

Table 5A.7.3

Table 5A.7.3    **Persons with a long-term hearing problem: type of ear/hearing problem, by remoteness areas and Indigenous status, 2004-05 (per cent of population)**

	Indigenous									Non-Indigenous		Rate ratio (b)	%
	Remote (g)			Non-remote (g)			Total			AS Total (a)			
	Proportion (%)	RSE (%)		Proportion (%)	RSE (%)		Proportion (%)	RSE (%)		Proportion (%)	RSE (%)		
Type of ear/hearing problem													
Deafness	9.2	7.8		8.6	5.7		8.8	4.6		np	np	np	np
Otitis media	3.6	15.3		1.6	15.9		2.2	11.2		1.4	11.2	0.5	9.6
Other (c)	1.6	22.3		2.1	14.1		1.9	12.2		(f) 2.4	12.9	(f) 2.4	4.5
Total with a hearing condition (d)	13.4	6.8		11.8	5.1		12	4		np	np	np	np

(a) Statistical testing indicates that deafness and total hearing problems are not suitable for age standardisation.

(b) The ratio is equal to the rate for Indigenous persons divided by the rate for non-Indigenous persons.

(c) Includes Otitis media, tinnitus and Meniere's disease/vertiginous syndrome.

(d) Includes 'Type of ear/hearing problem' not known.

(e) Components may not add to total as persons may have reported more than one type of ear/hearing problem.

(f) The row or individual figure should be viewed with caution as the differences in proportions were found to be not statistically significant.

(g) Non-remote includes major cities and inner and outer regional areas. Remote includes remote and very remote areas. See glossary for definitions of remoteness areas.

**np** Not published.

*Source:* ABS 2006, NATSIHS 2004-05 (unpublished); NHS 2004-05 (unpublished).



Table 5A.7.4

**Table 5A.7.4 Persons with a long-term hearing problem: type of ear/hearing problem, by remoteness areas and Indigenous status, 2001 (per cent of population)**

	Indigenous						Non-Indigenous		Rate ratio (b)	
	Remote (g)		Non-remote (g)		Total		AS Total (a)			
	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)		
Type of ear/hearing problem										
Deafness	9.6	9.6	10.2	11.1	10	8.1	np	np	np	
Otitis media	4.5	18	1.3	29.4	2.2	18.3	(f) 1.2	22.4	(f) 0.8	7.4
Other (c)	3.4	23	3.5	21.2	3.4	17.8	(f) 4.1	21.8	(f) 3.1	4.4
Total with a hearing problem	15.9	8.7	14.1	8.6	14.6	6.4	np	np	np	np

(a) Statistical testing indicates that deafness and total hearing problems are not suitable for age standardisation.

(b) The ratio is equal to the rate for Indigenous persons divided by the rate for non-Indigenous persons.

(c) Includes Tinnitus and Meniere's disease/Vertiginous syndrome.

(d) Includes 'Type of ear/hearing problem' not known.

(e) Components may not add to total as persons may have reported more than one type of ear/hearing problem.

(f) The row or individual figure should be viewed with caution as the differences in proportions were found to be not statistically significant.

(g) Non-remote includes major cities and inner and outer regional areas. Remote includes remote and very remote areas. See glossary for definitions of remoteness areas.

**np** Not published.

Source: ABS 2002, NHS 2001 (unpublished).

Table 5A.7.5

**Table 5A.7.5    Persons with otitis media, by age and Indigenous status, 2004-05 (per cent of population) (a)**

	<i>Indigenous</i>		<i>Non-Indigenous</i>	
	Proportion (%)	RSE (%)	Proportion (%)	RSE (%)
0-4	3.6	19.8	1.8	25.4
5-9	6.5	20.4	2.3	23.9
10-14	2.7	20.8	0.7	32.9
<b>Total</b>	<b>2.2</b>	<b>11.2</b>	<b>0.5</b>	<b>9.5</b>

(a) Estimate has a relative standard error of between 25 to 50 per cent and should be used with caution. Data are subject to sampling variability too high for most practical purposes.

Source: ABS 2006, NATSIHS 2004-05 (unpublished); NHS 2004-05 (unpublished).

Table 5A.7.6

Table 5A.7.6 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b), (c)

Principal diagnosis	Indigenous		Non-Indigenous		Not stated	Total	Indigenous		Other (d)
	no.	no.	no.	no.			per 1000	per 1000	
People aged 0–3 years									
Diseases of external ear (H60–H62)	15	82	7	104			0.5		0.2
Diseases of middle ear and mastoid (H65–H75)	271	4 656	130	5 057			9.2		11.4
suppurative and unspecified otitis media (H66)	132	1 605	36	1 773			4.5		3.9
Diseases of inner ear (H80–H83)	–	np	np	5			–		np
Other disorders of ear (H90–H95)	9	241	np	254			0.3		0.6
People aged 4–14 years									
Diseases of external ear (H60–H62)	19	299	n.p.	322			0.2		0.3
Diseases of middle ear and mastoid (H65–H75)	513	5 459	120	6 092			6.4		5.8
suppurative and unspecified otitis media (H66)	107	1 251	21	1 379			1.3		1.3
Diseases of inner ear (H80–H83)	np	16	np	18			np		–
Other disorders of ear (H90–H95)	28	223	np	253			0.4		0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are from Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was reported as non-Indigenous or not stated.

– Nil or rounded to zero **np** Not published.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.7

Table 5A.7.7 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b), (c)

<i>Principal diagnosis</i>	<i>Indigenous</i> no.	<i>Non-Indigenous</i> no.	<i>Not stated</i> no.	<i>Total</i> no.	<i>Indigenous</i> per 1000	<i>Other(d)</i> per 1000
People aged 0–3 years						
Diseases of external ear (H60–H62)	9	76	8	93	0.3	0.2
Diseases of middle ear and mastoid (H65–H75)	266	4 707	112	5 085	9.1	13.0
suppurative and unspecified otitis media (H66)	148	1 454	19	1 621	5.1	4.0
Diseases of inner ear (H80–H83)	np	8	np	10	np	–
Other disorders of ear (H90–H95)	14	221	np	239	0.5	0.6
People aged 4–14 years						
Diseases of external ear (H60–H62)	22	295	8	325	0.3	0.3
Diseases of middle ear and mastoid (H65–H75)	556	5 686	134	6 376	6.9	5.3
suppurative and unspecified otitis media (H66)	129	1 241	12	1 382	1.6	1.1
Diseases of inner ear (H80–H83)	–	14	–	14	–	–
Other disorders of ear (H90–H95)	25	276	np	302	0.3	0.3

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are from Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was reported as non-Indigenous or not stated.

– Nil or rounded to zero **np** Not published.

Source : AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.8

**Table 5A.7.8 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, Queensland, WA, SA, and public hospitals in NT, 2004-05 (a), (b), (c)**

<i>Principal diagnosis</i>	<i>Indigenous</i> no.	<i>Non-Indigenous</i> no.	<i>Not stated</i> no.	<i>Total</i> no.	<i>Indigenous</i> per 1000	<i>Non-Indigenous</i> (d) per 1000
People aged 0–3 years						
Diseases of external ear (H60–H62)	18	94	np	np	0.6	0.3
Diseases of middle ear and mastoid (H65–H75)	275	4 956	466	5 697	9.5	15.3
suppurative and unspecified otitis media (H66)	164	1 596	110	1 870	5.7	4.8
Diseases of inner ear (H80–H83)	–	7	–	7	–	–
Other disorders of ear (H90–H95)	10	277	9	296	0.3	0.8
People aged 4–14 years						
Diseases of external ear (H60–H62)	27	316	12	355	0.3	0.3
Diseases of middle ear and mastoid (H65–H75)	558	5 419	485	6 462	7.0	5.5
suppurative and unspecified otitis media (H66)	148	1 140	74	1 362	1.9	1.1
Diseases of inner ear (H80–H83)	–	13	np	np	–	–
Other disorders of ear (H90–H95)	19	261	7	287	0.2	0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are from Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was not reported.

– Nil or rounded to zero    np Not published.

Source : AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.9

Table 5A.7.9 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, Queensland, WA, SA, and public hospitals in NT, 2003-04 (a), (b), (c)

<i>Principal diagnosis</i>	<i>Indigenous</i>	<i>Non-Indigenous</i>	<i>Not stated</i>	<i>Total</i>	<i>Indigenous</i>	<i>Non-Indigenous</i>
	no.	no.	no.	no.	per 1000	per 1000
People aged 0–3 years						
Diseases of external ear (H60–H62)	10	80	9	99	0.3	0.3
Diseases of middle ear and mastoid (H65–H75)	299	5 054	492	5 845	10.4	15.7
suppurative and unspecified otitis media (H66)	187	1 774	92	2 053	6.5	5.3
Diseases of inner ear (H80–H83)	–	np	–	np	–	np
Other disorders of ear (H90–H95)	17	251	np	np	0.6	0.7
People aged 4–14 years						
Diseases of external ear (H60–H62)	14	278	20	312	0.2	0.3
Diseases of middle ear and mastoid (H65–H75)	608	5 420	605	6 633	7.7	5.6
suppurative and unspecified otitis media (H66)	156	1 225	90	1 471	2.0	1.2
Diseases of inner ear (H80–H83)	np	22	np	26	np	np
Other disorders of ear (H90–H95)	16	222	6	244	0.2	0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are from Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was not reported.

– Nil or rounded to zero np Not published.

Source : AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.10

Table 5A.7.10 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, Queensland, WA, SA and public hospitals in NT, 2002-03 (a), (b), (c)

<i>Principal diagnosis</i>	<i>Indigenous</i> no.	<i>Non-Indigenous</i> no.	<i>Not stated</i> no.	<i>Total</i> no.	<i>Indigenous</i> per 1000	<i>Non-Indigenous</i> (d) per 1000
People aged 0–3 years						
Diseases of external ear (H60–H62)	9	75	9	93	0.3	0.2
Diseases of middle ear and mastoid (H65–H75)	308	5 149	594	6 051	10.7	14.5
suppurative and unspecified otitis media (H66)	160	1 596	150	1 906	5.6	4.5
Diseases of inner ear (H80–H83)	–	12	–	12	–	–
Other disorders of ear (H90–H95)	16	228	7	251	0.6	0.6
People aged 4–14 years						
Diseases of external ear (H60–H62)	24	254	26	304	0.3	0.2
Diseases of middle ear and mastoid (H65–H75)	505	5 563	723	6 791	6.4	5.2
suppurative and unspecified otitis media (H66)	134	1 136	104	1 374	1.7	1.1
Diseases of inner ear (H80–H83)	np	9	np	11	np	–
Other disorders of ear (H90–H95)	17	187	11	215	0.2	0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are from Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was not reported.

– Nil or rounded to zero **np** Not published.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.11

**Table 5A.7.11 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, Queensland, WA, SA and public hospitals in NT, 2001-02 (a), (b), (c)**

<i>Principal diagnosis</i>	<i>Indigenous</i> no.	<i>Non-Indigenous</i> no.	<i>Not stated</i> no.	<i>Total</i> no.	<i>Indigenous</i> per 1000	<i>Non-Indigenous</i> (d) per 1000
People aged 0–3 years						
Diseases of external ear (H60–H62)	8	80	12	100	0.3	0.3
Diseases of middle ear and mastoid (H65–H75)	369	5 192	571	6 132	12.9	16.2
suppurative and unspecified otitis media (H66)	200	1 550	143	1 893	7.0	4.8
Diseases of inner ear (H80–H83)	–	10	–	10	–	–
Other disorders of ear (H90–H95)	19	246	11	276	0.7	0.7
People aged 4–14 years						
Diseases of external ear (H60–H62)	15	252	36	303	0.2	0.3
Diseases of middle ear and mastoid (H65–H75)	565	5 831	682	7 078	7.3	6.2
suppurative and unspecified otitis media (H66)	159	1 102	145	1 406	2.0	1.2
Diseases of inner ear (H80–H83)	–	19	–	19	–	–
Other disorders of ear (H90–H95)	28	155	9	192	0.4	0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are from Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was not reported.

– Nil or rounded to zero.

Source : AIHW National Hospital Morbidity Database (unpublished).



Table 5A.7.12

**Table 5A.7.12 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2006-07 (a), (b), (c)**

Principal diagnosis	Indigenous		Non-Indigenous		Not stated	Total	Indigenous		Non-Indigenous (d)
	no.	no.	no.	no.			per 1000	per 1000	
People aged 0–3 years									
Diseases of external ear (H60–H62)	22	203	8	233			0.5		0.2
Diseases of middle ear and mastoid (H65–H75)	422	10 085	217	10 724			8.9		9.7
suppurative and unspecified otitis media (H66)	213	3 241	63	3 517			4.5		3.1
Diseases of inner ear (H80–H83)	np	10	np	12			np		–
Other disorders of ear (H90–H95)	19	628	6	653			0.4		0.6
People aged 4–14 years									
Diseases of external ear (H60–H62)	27	589	7	623			0.2		0.2
Diseases of middle ear and mastoid (H65–H75)	751	12 584	234	13 569			5.9		5.3
suppurative and unspecified otitis media (H66)	156	2 544	47	2 747			1.2		1.1
Diseases of inner ear (H80–H83)	np	37	np	40			np		–
Other disorders of ear (H90–H95)	37	542	np	582			0.3		0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are for NSW, Victoria, Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was reported as non-Indigenous or not stated.

– Nil or rounded to zero **np** Not published.

Source: AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.13

**Table 5A.7.13 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2005-06 (a), (b), (c)**

<i>Principal diagnosis</i>	<i>Indigenous</i> no.	<i>Non-Indigenous</i> no.	<i>Not stated</i> no.	<i>Total</i> no.	<i>Indigenous</i> per 1000	<i>Non-Indigenous</i> (d) per 1000
People aged 0–3 years						
Diseases of external ear (H60–H62)	16	204	9	229	0.3	0.2
Diseases of middle ear and mastoid (H65–H75)	372	10 224	141	10 737	7.9	10.9
suppurative and unspecified otitis media (H66)	206	3 165	31	3 402	4.4	3.4
Diseases of inner ear (H80–H83)	np	16	np	18	np	–
Other disorders of ear (H90–H95)	23	629	5	657	0.5	0.7
People aged 4–14 years						
Diseases of external ear (H60–H62)	34	651	12	697	0.3	0.2
Diseases of middle ear and mastoid (H65–H75)	801	13 371	178	14 350	6.3	4.9
suppurative and unspecified otitis media (H66)	186	2 642	24	2 852	1.5	1.0
Diseases of inner ear (H80–H83)	np	34	np	36	np	–
Other disorders of ear (H90–H95)	36	580	np	618	0.3	0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are for NSW, Victoria, Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was reported as non-Indigenous or not stated.

– Nil or rounded to zero **np** Not published.

Source : AIHW National Hospital Morbidity Database (unpublished).

Table 5A.7.14

**Table 5A.7.14 Age specific separations where the principal diagnosis was diseases of the ear and mastoid process, NSW, Victoria, Queensland, WA, SA and public hospitals in the NT, 2004-05 (a), (b), (c)**

<i>Principal diagnosis</i>	<i>Indigenous</i>	<i>Non-Indigenous</i>	<i>Not stated</i>	<i>Total</i>	<i>Indigenous</i>	<i>Other (d)</i>
	no.	no.	no.	no.	per 1000	per 1000
<b>People aged 0–3 years</b>						
Diseases of external ear (H60–H62)	24	218	np	242	0.5	0.3
Diseases of middle ear and mastoid (H65–H75)	403	11 550	487	12 440	8.7	12.7
suppurative and unspecified otitis media (H66)	217	3 565	120	3 902	4.7	4.0
Diseases of inner ear (H80–H83)	–	16	–	16	–	–
Other disorders of ear (H90–H95)	23	700	14	737	0.5	0.8
<b>People aged 4–14 years</b>						
Diseases of external ear (H60–H62)	39	656	12	707	0.3	0.2
Diseases of middle ear and mastoid (H65–H75)	797	13 250	505	14 552	6.2	5.1
suppurative and unspecified otitis media (H66)	193	2 541	79	2 813	1.5	1.0
Diseases of inner ear (H80–H83)	–	32	np	32	–	–
Other disorders of ear (H90–H95)	28	553	9	590	0.2	0.2

(a) Hospital separation is the discharge, transfer, death or change of episode of care of an admitted patient (see glossary for a detailed definition). Separations are based on ICD-10-AM classification.

(b) Data are based on state of usual residence.

(c) Data are for NSW, Victoria, Queensland, WA, SA and NT.

(d) Includes separations where Indigenous status was reported as non-Indigenous or not stated.

– Nil or rounded to zero **np** Not published.

Source: AIHW National Hospital Morbidity Database (unpublished).