

Rate of perinatal mortality and selected perinatal risk factors, 2010–12p., and post-neonatal death, 2008–10p., by Hospital and Health Service of usual residence, compared with Queensland

Hospital and Health Service	Mortality			Gestation and birthweight of singleton babies		Risk factors		
	Stillbirth (mother's usual residence) (b)	Neonatal Death (mother's usual residence) (c)	Post-neonatal Death (child's usual residence) (d)	Babies born preterm (<37 weeks) (e)	Babies born of low birth weight (<2500g) (f)(k)	Mothers attending <5 antenatal visits (g)	Mothers smoking after 20 weeks gestation (h)	Obese mothers (30+ BMI) (i)
Cairns and Hinterland	6.5	4.2	2.0	7.2	6.0	6.6	18.8	18.5
Cape York	9.6	4.1	1.4	11.9	9.9	6.9	37.8	18.5
Central Queensland	6.7	4.5	2.3	6.6	4.9	5.2	16.2	23.7
Central West	3.5	0.0	5.5	4.7	4.0	4.8	16.5	26.2
Darling Downs	6.8	2.7	1.5	6.6	4.7	4.8	19.0	26.0
Gold Coast	5.3	3.3	0.9	6.1	4.2	5.0	8.8	14.1
Mackay	7.0	2.5	1.2	5.6	4.3	3.0	13.9	21.0
Metro North	6.7	2.7	1.2	6.5	4.5	3.5	10.2	17.6
Metro South	6.8	3.5	1.5	6.3	4.7	6.0	9.8	19.5
North West	7.3	4.2	4.0	9.6	8.2	10.7	27.3	25.9
South West	7.6	3.9	1.5	5.9	4.5	6.5	20.0	26.9
Sunshine Coast	5.9	3.5	1.2	6.2	4.8	4.3	11.8	13.8
Torres Strait-Northern Peninsula	10.9	9.8	3.4	10.6	8.2	4.2	42.3	39.2
Townsville	7.2	3.8	1.6	8.0	5.7	5.1	14.5	20.6
West Moreton	7.8	2.9	1.5	7.3	5.2	5.4	18.9	26.9
Wide Bay	8.3	4.2	2.5	6.9	5.6	6.4	22.6	25.7
Queensland	6.7	3.4	1.5	6.6	4.9	5.1	13.4	19.9
Australia–2011 (j)(l)	7.4	2.6	1.2	6.7	4.9	5.6	9.6	16.1

Accompanying notes:

p. Data are preliminary and subject to change.

HHS has a higher rate than Queensland (a) HHS has a lower rate than Queensland (a)

(a) Comparison of Hospital and Health Service (HHS) with Queensland assessed statistically by comparing observed number in HHS with expected number in HHS based on Queensland rate. Statistical comparisons are sensitive to sample size within each HHS and may yield unintuitive results. For example, infant and child death rates in Gold Coast and Mackay are equal, but only Gold Coast is considered better than Queensland. This result is due to a larger sample from Gold Coast, resulting in narrower confidence intervals.

(b) Rate per 1,000 births. Excludes non-Queensland residents (Sourced from Perinatal Data Collection).

(c) Rate per 1,000 livebirths; mortality within 28 days of birth. Excludes non-Queensland residents (Sourced from Perinatal Data Collection).

(d) Rate per 1,000 livebirths. Includes deaths of Queensland residents aged 29 to 365 days registered in Queensland only.

(e) Rate per 100 livebirths. Excludes multiple births, records of unknown gestation and non-Queensland residents (Sourced from Perinatal Data Collection).

(f) Rate per 100 livebirths. Excludes multiple births, records of unknown birthweight and non-Queensland residents (Sourced from Perinatal Data Collection).

(g) Rate per 100 pregnant women. Excludes mothers with unknown number of antenatal visits, births at less than 32 weeks gestation and non-Queensland residents (Sourced from Perinatal Data Collection).

(h) Rate per 100 pregnant women. Excludes records of unknown smoking status after 20 weeks and non-Queensland residents (Sourced from Perinatal Data Collection).

(i) Rate per 100 pregnant women. Excludes records of unknown BMI and non-Queensland residents (Sourced from Perinatal Data Collection).

(j) Sourced from Li Z, Zeki R, Hilder L & Sullivan EA 2013. Australia's mothers and babies 2011. Perinatal statistics series no. 28. Cat no. PER. Canberra: AIHW National Perinatal Epidemiology and Statistics Unit.

(k) Australian data sourced from Australian Institute of Health and Welfare 2014. Birthweight of babies born to Indigenous mothers. Cat no. IHW 138. Canberra: AIHW.

(l) Australian data for post-neonatal death is sourced from Australian Bureau of Statistics. 3302.0 – Deaths, Australia, 2012; 3301.0 – Births, Australia, 2012; 3304.0 – Births, Australia, 2009. Because it is derived from multiple Australian Bureau of Statistics publications, it should be interpreted with caution.

An electronic version of this document is available at www.health.qld.gov.au/hsu/peri/HHS_peri_scorecard.pdf

Three year rolling average trends in perinatal mortality, 2002–04 to 2010–12p., and post-neonatal death, 2002–04 to 2008–10p., for Queensland (dotted) and all Hospital and Health Services

