

**AUSTRALIA**

Last Updated: 2007-03-02

Level	Date	Region and sample descriptor	Sex	Age (years)	Sample size	Haemoglobin (g/L)						Mean	SD	Method	Reference	Notes	
						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
L	1997	Sydney: Children	B	1.00- 3.24	315								C	3639	*	1	
L	1997 P	Perth: Female students	F	15.00- 30.99	265					10.2	132		C	4897	*	2	
L	1992	North-West: Aboriginal women	F	15.00-NS	65					55.4			A	2365	*		
		North-West: Aboriginal men	M	15.00-NS	55												
		North-West: Aboriginal children	B	5.00- 14.99	68					83.8						3	
L	1983	Yirrkala: Aborigines	B	6.00-NS	426			11.0					C	1920	*	4	
L	1974 P	Perth: NPW	F	NS	95					3.2	135	8	NS	2368	*		
		Perth: PW	F	NS	331			14.5			120	10					
L	1968 -1970	Melbourne: PW	F	NS	15321								NS	2369	*	5	
L	1967	Perth: PW	F	NS	740	0.5	10.3						D	2370	*	6	

## NOTES

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**Reference No:** 3639

**General Notes:** *Facility based survey (5 Sydney hospitals); sampling: 1161 eligible children were identified from medical records which account for 92% of deliveries to mothers born in an Arabic-speaking country and residing in the area served by Central Sydney Area Health Service, 641 children could be contacted and of those 403 be tested; inclusion only of subjects whose birthdate was between 01/05/94 and 30/04/96, whose mother gave an Arab-speaking country of birth on admission, whose postcode of mother's place of residence was in the area served by CSAHS; exclusion of 21 subjects from the analysis with haemoglobinopathy; Hb determination in 315 subjects.*

**Line note 1** Prevalence of iron deficiency anaemia 6.3% (Hb <110 g/L+serum ferritin <10 µg/L+mean corpuscular volume <70 fL 12-23 months or <73 fL 24-38 months+mean corpuscular haemoglobin <22 pg); 95% CI: 4%, 9%.

**Reference No:** 4897

**General Notes:** *Facility based study ( Curtin University of Technology in Perth and secondary schools in the Perth area); sampling: design not explained; inclusion only of student volunteers; exclusion of subjects who were pregnant, post-partum, lactating or had resided in Australia for <1 yr.*

**Line note 2** Prevalence of iron deficiency anaemia 4.5% (Hb <120 g/L+serum ferritin <=12 µg/L+transferrin saturation <16%); mean age (SD) 20.7 (3.5) yrs.

**Reference No:** 2365

**General Notes:** *Community in the far north of Western Australia.*

**Line note 3** Hb cut-off levels not according to WHO recommendations (please see 'Key to the data tables').

**Reference No:** 1920

**General Notes:** *North-east Arnhem Land; Hb cut-off level not according to WHO recommendations (please see 'Key to the data tables').*

**Line note 4** 183 males, 243 females, including 12 PW.

**Reference No:** 2368

**General Notes:** *Facility based study (PW: first visit antenatal clinic; NPW: nurses, technologist).*

**Reference No:** 2369

**General Notes:** *Facility based study (hospital); consecutive patients.*

**Line note 5** Prevalence of anaemia 1.3% (Hb <82 g/L); prevalence of anaemia 3.7% (Hb <92 g/L); Hb cut-off levels not according to WHO recommendations (please see 'Key to the data tables').

**Reference No:** 2370

**General Notes:** *Facility based study (antenatal clinic); method: oxyhaemoglobin.*

**Line note 6** Hb cut-off levels not according to WHO recommendations (please see 'Key to the data tables').

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