

MARSHALL ISLANDS (THE)

Last Updated: 2006-02-14

Level	Date	Region and sample descriptor	Sex	Age (years)	Sample size	Haemoglobin (g/L)						Reference	Notes						
						Proportion (%) of population with haemoglobin below:							Mean	SD	Method	General	Line		
						70	100	110	115	120	130								
R	1994 -1995	10 Atolls: Children: Total	B	1.00- 5.99	904			36.4											
		Children by atoll: Ailuk	B	1.00- 5.99	38			36.8							*			1	
		Children by atoll: Arno	B	1.00- 5.99	86			47.7										2	
		Children by atoll: Enejelar	B	1.00- 5.99	11			9.1										3	
		Children by atoll: Enewetak	B	1.00- 5.99	67			26.9										4	
		Children by atoll: Kwajalein	B	1.00- 5.99	251			42.2										5	
		Children by atoll: Majuro	B	1.00- 5.99	238			35.7										6	
		Children by atoll: Namu	B	1.00- 5.99	96			38.5										7	
		Children by atoll: Utrik	B	1.00- 5.99	47			25.5											8
		Children by atoll: Wotje	B	1.00- 5.99	70			21.4											9
N	1990 -1991	NPNLW	F	15.00- 49.99	1144					26.0	124		NS	3886	*			10	
		PW/LW	F	15.00- 49.99	446			17.0				118						11	
		Pre-SAC	B	0.00- 6.99	1747			43.0				110							
		SAC: Total	B	7.00- 14.99	1380							118							
		SAC by age	B	7.00- 12.99	NS			16.0											12

NOTES

MARSHALL ISLANDS (THE)

Reference No: 3886

General Notes: *Community- based survey in 10 atolls; sampling: strategy based on 1988 census, households to be visited were chosen by systematic sampling of every fifth household, n=919 children were included representing approximately 20% of the entire population of children aged 1-5 yrs; Hb determination for 904 children only. Same survey reported in reference No. 5155 and No. 5234.*

Line note 1 Prevalence of iron deficiency anaemia 23.8% (Hb <110 g/L+serum ferritin <12 µg/L; n=831); mean (SD) age 3.1 (1.3); 473 boys+473 girls.

Line note 2 Prevalence of iron deficiency anaemia 36.3% (Hb <110 g/L+serum ferritin <12 µg/L; n=22).

Line note 3 Prevalence of iron deficiency anaemia 25.8% (Hb <110 g/L+serum ferritin <12 µg/L; n=62).

Line note 4 Prevalence of iron deficiency anaemia 9.1% (Hb <110 g/L+serum ferritin <12 µg/L).

Line note 5 Prevalence of iron deficiency anaemia 16.6% (Hb <110 g/L+serum ferritin <12 µg/L; n=66).

Line note 6 Prevalence of iron deficiency anaemia 29.4% (Hb <110 g/L+serum ferritin <12 µg/L; n=252).

Line note 7 Prevalence of iron deficiency anaemia 19.1% (Hb <110 g/L+serum ferritin <12 µg/L; n=213).

Line note 8 Prevalence of iron deficiency anaemia 32.3% (Hb <110 g/L+serum ferritin <12 µg/L).

Line note 9 Prevalence of iron deficiency anaemia 18.4% (Hb <110 g/L+serum ferritin <12 µg/L; n=39).

Line note 10 Prevalence of iron deficiency anaemia 12.9% (Hb <110 g/L+serum ferritin <12 µg/L).

Reference No: 182

General Notes: *Data inconsistent, incomplete.*

Line note 11 Hb cut-off levels LW not according to WHO recommendations (please see 'Key to the data tables').

Line note 12 Prevalence data only in figures.

REFERENCES

MARSHALL ISLANDS (THE)

- Reference 182** Greenop P, Dignan C. 1994 Report of the national nutrition survey in the Republic of the Marshall Islands. 1994.
- Reference 3886** Palafox NA, Gamble MV, Dancheck B, Ricks MO, Briand K, Semba RD. Vitamin A deficiency, iron deficiency, and anemia among preschool children in the Republic of the Marshall Islands. *Nutrition*, 2003, 19 :405-408.

ADDITIONAL REFERENCES

MARSHALL ISLANDS (THE)

- Reference 3887 Adelekan DA. Multiple micronutrient deficiencies in developing countries [letter]. *Nutrition*, 2003, 19 :473-474.
- Reference 5155 Maqsood M, Dancheck B, Gamble MV, Palafox NA, Ricks MO, Briand K, Semba RD. Vitamin A deficiency and inflammatory markers among preschool children in the Republic of the Marshall Islands. *Nutrition Journal*, 2004, 3 :21.
- Reference 5234 Gamble MV, Palafox NA, Dancheck B, Ricks MO, Briand K, Semba RD. Relationship of vitamin A deficiency, iron deficiency, and inflammation to anemia among preschool children in the Republic of the Marshall Islands. *European Journal of Clinical Nutrition*, 2004, 58 :1396-1401.