

**SIERRA LEONE**

Last Updated: 2005-11-23

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						
D	1989 -1990	Moyamba District, Phase I: Children: Total	B	0.00- 4.99	663	58.0		99.7				66	15	A	4740	*	
		Moyamba District, Phase II: Children: Total	B	0.00- 4.99	501	12.8		98.8			81	13					
		Moyamba District, Phase I: Children by age	B	0.00- 0.49	67	52.2		100.0									
		Moyamba District, Phase I: Children by age	B	0.50- 1.99	234	63.3		99.1									
		Moyamba District, Phase I: Children by age	B	2.00- 3.99	362	55.8		100.0									
		Moyamba District, Phase II: Children by age	B	0.00- 0.49	72	9.8		93.1									
		Moyamba District, Phase II: Children by age	B	0.50- 1.99	172	19.3		100.0									
		Moyamba District, Phase II: Children by age	B	2.00- 3.99	257	9.3		99.6									
		N	1977 -1978	PW	F	NS	65			30.8			116				
Children: Total	B			0.50- 4.99	937												
Children by area: Freetown	B			0.50- 4.99	198												
Children by area: Urban	B			0.50- 4.99	101												
Children by area: Rural	B			0.50- 4.99	638												
Children by age	B			0.50- 1.99	413	48.4											
Children by age	B			2.00- 4.99	524		65.8										

## NOTES

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**Reference No:** 4740

**General Notes:** *Survey in 2 phases: I) October 1989, end of rainy season, II) May 1990, end of dry season.*

**Reference No:** 2566

**General Notes:** *Hb determination only for subsample (every 2nd site).*

**Line note 1** Hb determination only for subsample (every 2nd PW).

**Line note 2** Hb determination only for subsample (every 4th child); prevalence of anaemia 58.1% (Hb <100 g/L 0.5-1 yrs, Hb <110 g/L 2-4 yrs).

**Line note 3** Prevalence of anaemia 25.7% (Hb <100 g/L 0.5-1 yrs, Hb <110 g/L 2-4 yrs).

**Line note 4** Urban area except Freetown; prevalence of anaemia 49.5% (Hb <100 g/L 0.5-1 yrs, Hb <110 g/L 2-4 yrs)

**Line note 5** Prevalence of anaemia 60.0% (Hb <100 g/L 0.5-1 yrs, Hb <110 g/L 2-4 yrs)

## REFERENCES

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**Reference 2566** The Government of Sierra Leone. Sierra Leone National Nutrition Survey [final report]. 1978.

**Reference 4740** Ministry of Health, Planning, Management Information and Statistics Unit, UNICEF. The Republic of Sierra Leone National Nutrition Survey. Freetown, Ministry of Health, 1990.

## ADDITIONAL REFERENCES

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- Reference 863 Scott S. Sierra Leone-country paper on nutrition: the nature and dimension of nutrition and diet-related problems. Ministry of Health, .
- Reference 2249 Kargbo RB, Wurie AT, Gevao SM. Normal haematological values in adult Sierra Leonean males in Freetown. West African Journal of Medicine, 1999, 18 :24-26.
- Reference 2250 Wilkinson JL. Children in hospital in Sierra Leone: a survey of 10,000 admissions. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1969, 63 :263-269.
- Reference 5456 Torlesse H, Hodges M. Albendazole therapy and reduced decline in haemoglobin concentration during pregnancy (Sierra Leone). Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95 :195-201.