

GUYANA

Last Updated: 2007-07-17

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						
N	1996 -1997	Adults: Total	B	15.00- 60.99	827					41.6			D	3094	*	1	
		PW	F	NS	269												
		Pre-SAC	B	0.00- 4.99	140			52.0									
		SAC	B	5.00- 14.99	323			47.9									
		Adults by age	B	15.00- 30.99	438					42.2	122	19					
		Adults by age and sex	F	15.00- 30.99	263					54.0	117	16					
		Adults by age and sex	M	15.00- 30.99	175					24.6	131	19					
		Adults by age	B	31.00- 50.99	301					40.9	124	20					
		Adults by age and sex	F	31.00- 50.99	184					53.8	118	19					
		Adults by age and sex	M	31.00- 50.99	117					20.5	133	18					
		Adults by age	B	51.00- 60.99	88					40.9	123	18					
		Adults by age and sex	F	51.00- 60.99	56					53.6	118	19					
		Adults by age and sex	M	51.00- 60.99	32					18.8	133	17					
		D	1982P	3 Districts: All	B	2.00-NS	590										116
3 Districts: Women	F			15.00-NS	167					61.1	113	15					
3 Districts: Men	M			15.00-NS	78						134	14					
3 Districts: Pre-SAC	B			1.00- 5.99	196			44.4			111	11					
3 Districts: SAC	B			6.00- 14.99	149					57.0	117	10					
N	1971	Coastal: NPW	F	15.00-NS	89					41.0			NS	3265	*	3	
		Coastal: PW	F	15.00-NS	143			55.0									
		Coastal: LW	F	15.00-NS	266					41.0							
		Coastal: Men	M	15.00-NS	607						35.0						
		Coastal: Pre-SAC	B	0.50- 5.99	709			41.0									
		Coastal: SAC	B	6.00- 14.99	410					41.0							
		Interior: Women	F	15.00-NS	135					19.0							
		Interior: Men	M	15.00-NS	97						27.0						
		Interior: Pre-SAC	B	0.00- 5.99	151			19.0									
		Interior: SAC	B	6.00- 14.99	242					71.0							

NOTES

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Reference No: 3094

General Notes: *Household based survey in all 10 regions except for pregnant women; facility based survey (antenatal clinics); date of survey and method adapted from reference No. 3758; method: coulter counter or cyanomethaemoglobin method; Hb cut-off level for men not according to WHO recommendations (please see 'Key to the data tables').*

Line note 1 Prevalence of anaemia 56.7% (Hb <110 g/L 5 yrs, Hb <120 g/L 6-14 yrs).

Reference No: 920

General Notes: *Covers 3 main districts of Guyana; subjects selected from health center records.*

Line note 2 Prevalence of anaemia 50.7% (Hb <110 g/L both sexes 1-5 yrs, PW, Hb <120 g/L both sexes 6-14 yrs, NPW, Hb <130 g/L men).

Reference No: 3265

General Notes: *Survey in coastal part (April-June 1971) and interior part (May-June 1971) limited to 4 locations: Shulinab, Nappi, Paramakatoi, Baramita.*

Line note 3 Not clear if PW are included.

REFERENCES

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- Reference 920** Johnson AA, Latham MC, Roe DA. The prevalence and etiology of the nutritional anemias in Guyana. *American Journal of Clinical Nutrition*, 1982, 35 :309-318.
- Reference 3094** Ministry of Health [Guyana], WHO Pan American Health Organization, Caribbean Food and Nutrition Institute. Executive summary micronutrient study report - Guyana. An assessment of the vitamin A, E, beta-carotene, iron and iodine status in the population. Georgetown, Ministry of Health, 1997.
- Reference 3265** WHO Pan American Health Organization. The National Food and Nutrition Survey of Guyana. Washington, DC, World Health Organization, Pan American Health Organization, 1976

ADDITIONAL REFERENCES

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- Reference 906 Guyana Agency for Health Sciences, Education, Environment and Food Policy. A food and nutrition profile of the Cooperative Republic of Guyana. 1992.
- Reference 2999 Johnson AA, Latham MC, Roe DA. Nutritional anemias among preschool children in Guyana. Ecology of Food and Nutrition, 1983, 13 :9-14.