

GUATEMALA

Last Updated: 2007-11-29

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						
N	2002	NPW: Total	F	15.00- 49.99	3062					20.2			B	4586	*		
		PW	F	15.00- 49.99	541											1	
		Children: Total	B	0.50- 4.99	4016											2	
		NPW by age	F	15.00- 19.99	282					28.1							
		NPW by age	F	20.00- 24.99	774					18.2							
		NPW by age	F	25.00- 29.99	718					17.1							
		NPW by age	F	30.00- 34.99	524					23.7							
		NPW by age	F	35.00- 39.99	424					20.0							
		NPW by age	F	40.00- 44.99	252					20.9							
		NPW by age	F	45.00- 49.99	88					16.2							
		NPW by area: Urban	F	15.00- 49.99	1110					16.5							
		NPW by area: Rural	F	15.00- 49.99	1953					22.3							
		NPW by region: Metropolitana	F	15.00- 49.99	773					13.1							
		NPW by region: Norte	F	15.00- 49.99	267					23.9							
		NPW by region: Nor-Oriente	F	15.00- 49.99	296					25.9							
		NPW by region: Sur-Oriente	F	15.00- 49.99	285					23.5							
		NPW by region: Central	F	15.00- 49.99	333					18.4							
		NPW by region: Sur-Occidente	F	15.00- 49.99	617					22.1							
		NPW by region: Nor-Occidente	F	15.00- 49.99	368					19.9							
		NPW by region: Petén	F	15.00- 49.99	123					32.0							
		Children by sex	F	0.50- 4.99	1988											3	
		Children by sex	M	0.50- 4.99	2028											4	
		Children by age	B	0.50- 0.99	442			65.3									
		Children by age	B	1.00- 1.99	895			55.6									
		Children by age	B	2.00- 2.99	923											5	
		Children by age	B	3.00- 3.99	865											6	
		Children by age	B	4.00- 4.99	890											7	
		Children by area: Urban	B	0.50- 4.99	1284											8	
		Children by area: Rural	B	0.50- 4.99	2732											9	
		Children by region: Metropolitana	B	0.50- 4.99	907											10	
		Children by region: Norte	B	0.50- 4.99	404											11	
		Children by region: Nor-Oriente	B	0.50- 4.99	428											12	
		Children by region: Sur-Oriente	B	0.50- 4.99	413											13	
		Children by region: Central	B	0.50- 4.99	428											14	
		Children by region: Sur-Occidente	B	0.50- 4.99	798											15	
		Children by region: Nor-Occidente	B	0.50- 4.99	463											16	

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						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
N	2002	Children by region: Petén	B	0.50- 4.99	174								B	4586		17	
N	1995	Women: Total	F	15.00- 44.99	1637								B	3091	*	18	
		Pre-SAC: Total	B	1.00- 4.99	1574			26.0								19	
		Women by physiological status: NPW	F	15.00- 44.99	NS					34.9							
		Women by physiological status: PW	F	15.00- 44.99	NS			39.1									
		Women by age	F	15.00- 19.99	NS											20	
		Women by age	F	20.00- 24.99	NS											21	
		Women by age	F	25.00- 29.99	NS											22	
		Women by age	F	30.00- 34.99	NS											23	
		Women by age	F	35.00- 39.99	NS											24	
		Women by age	F	40.00- 44.99	NS											25	
		Women by region: Altiplano	F	15.00- 44.99	NS											26	
		Women by region: South coast	F	15.00- 44.99	NS											27	
		Women by region: Department of Guatemala	F	15.00- 44.99	NS											28	
		Women by region: Northeast	F	15.00- 44.99	NS											29	
		Pre-SAC by sex	F	1.00- 4.99	NS			25.5									
		Pre-SAC by sex	M	1.00- 4.99	NS			26.4									
		Pre-SAC by age	B	1.00- 1.99	NS			50.1									
		Pre-SAC by age	B	2.00- 2.99	NS			26.4									
		Pre-SAC by age	B	3.00- 3.99	NS			18.1									
		Pre-SAC by age	B	4.00- 4.99	NS			12.1									
		Pre-SAC by region: Altiplano	B	1.00- 4.99	NS			30.5									
		Pre-SAC by region: South coast	B	1.00- 4.99	NS			23.1									
		Pre-SAC by region: Department of Guatemala	B	1.00- 4.99	NS			25.0									
		Pre-SAC by region: Northeast	B	1.00- 4.99	NS			23.8									
L	1984 P	Rural coastal: NPW	F	14.00- 29.99	33								D	2751	*	30	
		Rural highlands: NPW	F	14.00- 29.99	32											31	
		Rural coastal: NPW	F	16.00- 25.99	104											32	

NOTES

GUATEMALA

Reference No: 4586

General Notes: *Inclusion only of women if they had had at least one child in the previous 5 yrs or were pregnant at time of survey; adjustment for altitude; weighted sample size used.*

Line note 1 Prevalence of anaemia 22.1% (Hb <110 g/L for 1-3 months gestational age, Hb <106, 105, 107, 110, 114, 119 g/L for 4, 5, 6, 7, 8, 9 months of gestational age respectively); disaggregated data by age, area, region.

Line note 2 Prevalence of anaemia 39.7% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 3 Prevalence of anaemia 38.1% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 4 Prevalence of anaemia 41.2% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 5 Prevalence of anaemia 38.5% (Hb <111 g/L).

Line note 6 Prevalence of anaemia 30.1% (Hb <111 g/L).

Line note 7 Prevalence of anaemia 21.4% (Hb <111 g/L).

Line note 8 Prevalence of anaemia 35.2% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 9 Prevalence of anaemia 41.8% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 10 Prevalence of anaemia 32.8% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 11 Prevalence of anaemia 36.1% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 12 Prevalence of anaemia 46.3% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 13 Prevalence of anaemia 37.1% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 14 Prevalence of anaemia 34.7% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 15 Prevalence of anaemia 45.5% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 16 Prevalence of anaemia 47.4% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Line note 17 Prevalence of anaemia 37.9% (Hb <110 g/L 6-23 months, Hb <111 g/L 24-59 months).

Reference No: 3091

General Notes: *National survey with exclusion of Department Petén; adjustment for altitude.*

Line note 18 Prevalence of anaemia 35.4% (Hb <110 g/L PW, Hb <120 g/L NPW); median Hb: 123 g/L.

Line note 19 Median Hb: 117 g/L.

Line note 20 Prevalence of anaemia 42.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 21 Prevalence of anaemia 36.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 22 Prevalence of anaemia 33.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 23 Prevalence of anaemia 35.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 24 Prevalence of anaemia 33.7% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 25 Prevalence of anaemia 36.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 26 Prevalence of anaemia 39.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 27 Prevalence of anaemia 37.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 28 Prevalence of anaemia 30.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 29 Prevalence of anaemia 36.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

Reference No: 2751

General Notes: *Inclusion only of non-pregnant nulliparous women; method: cell counter; Hb cut-off levels (mean-1SD) defined in reference No. 3267.*

Line note 30 Communities Masagua, El Milagro; altitude <750 m; prevalence of anaemia 45.4% (Hb <..... g/L).

Line note 31 Communities Santa Cruz Naranjo, Pueblo Nuevo Viñas; altitude 750-1500 m; prevalence of anaemia 12.5% (Hb <..... g/L).

Line note 32 Altitude 1500 m; middle-high socioeconomic status; prevalence of anaemia 7.6% (Hb <..... g/L).

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ADDITIONAL REFERENCES

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