

**COSTA RICA**
**Last Updated: 2006-11-02**

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	2005 P	Puntarenas: Adolescents: Total	B	10.00- 16.99	84							122	10	A	5135	*	1
		Puntarenas: Adolescents by sex	F	10.00- 16.99	49					45.0							
		Puntarenas: Adolescents by sex	M	10.00- 16.99	35												
L	2001 P	San José: Adolescents: Total	B	13.00- 17.99	307									C	5118	*	2
		San José: Adolescents by sex	F	13.00- 17.99	150					6.8							
		San José: Adolescents by sex	M	13.00- 17.99	157												
		San José: Adolescents by area: Urban	B	13.00- 17.99	154								147	13			3
		San José: Adolescents by area: Rural	B	13.00- 17.99	153								144	13			4
N	1996	PW: Total	F	NS	68			27.9						A	1634	*	5
N	1996	Children: Total	B	1.00- 6.99	961									A	3555	*	6
		Children by sex	F	1.00- 6.99	NS												7
		Children by sex	M	1.00- 6.99	NS												8
		Children by age	B	1.00- 1.99	137			37.2				114	13				
		Children by age	B	2.00- 2.99	121			24.2				119	13				
		Children by age	B	3.00- 3.99	145			16.6				122	12				
		Children by age	B	4.00- 4.99	187			10.2				123	12				
		Children by age	B	5.00- 5.99	204					35.6		124	10				
		Children by age	B	6.00- 6.99	167					34.1		124	11				
N	1996	Women: Total	F	15.00- 44.99	820	0.1				18.6		129		A	3556	*	
		Women by age	F	15.00- 19.99	NS					12.7							
		Women by age	F	20.00- 24.99	NS					16.4							
		Women by age	F	25.00- 29.99	NS					22.2							
		Women by age	F	30.00- 34.99	NS					22.8							
		Women by age	F	35.00- 39.99	NS					22.8							
		Women by age	F	40.00- 44.99	NS					14.4							
		Women by area: Metropolitan	F	15.00- 44.99	NS					16.8							
		Women by area: Other urban	F	15.00- 44.99	NS					17.2							
		Women by area: Rural	F	15.00- 44.99	NS					21.8							
N	1996	LW: Total	F	NS	86	1.2				22.1				A	4524	*	
L	1983 -1985	Hatillo: Children	B	1.00- 1.99	786					63.5		113	14	A	4359	*	9

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						Proportion (%) of population with haemoglobin below:							Mean	SD	Method	General	Line
						70	100	110	115	120	130						
L	1970P	Children: Total	B	1.00- 9.99	1422							118	13	A	2799	*	10
		Children by sex	F	1.00- 9.99	NS							117					
		Children by sex	M	1.00- 9.99	NS							116					
		Children by age	B	1.00- 1.99	140							108	14				
		Children by age	B	2.00- 2.99	148							113	13				
		Children by age	B	3.00- 3.99	167							116	11				
		Children by age	B	4.00- 4.99	162							117	13				
		Children by age	B	5.00- 5.99	156							118	12				
		Children by age	B	6.00- 6.99	174							120	12				
		Children by age	B	7.00- 7.99	166							120	11				
		Children by age	B	8.00- 8.99	160							123	10				
		Children by age	B	9.00- 9.99	149							124	12				

## NOTES

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**Reference No:** 5135

**General Notes:** *Facility based survey (four schools) in the Indian reservation of Ujarrás, Puntarenas.*

**Line note 1** Prevalence of anaemia 57% (Hb <120 g/L females, Hb <130 g/L males).

**Reference No:** 5118

**General Notes:** *Facility based survey (five urban and five rural public schools).*

**Line note 2** Prevalence of anaemia 4.0% (Hb <120 g/L females, Hb <130 g/L males).

**Line note 3** Prevalence of anaemia 2.2% (Hb <120 g/L females, Hb <130 g/L males).

**Line note 4** Prevalence of anaemia 5.3% (Hb <120 g/L females, Hb <130 g/L males).

**Reference No:** 1634

**General Notes:** *Adjustment for altitude.*

**Line note 5** Median Hb: 117 g/L.

**Reference No:** 3555

**General Notes:** *Adjustment for altitude; Hb cut-off levels not according to WHO recommendations (please see 'Key to the data tables').*

**Line note 6** Prevalence of anaemia 26.3% (Hb <110 g/L 1-4 yrs, Hb <120 g/L 5-6 yrs).

**Line note 7** Prevalence of anaemia 26.2% (Hb <110 g/L 1-4 yrs, Hb <120 g/L 5-6 yrs)

**Line note 8** Prevalence of anaemia 26.5% (Hb <110 g/L 1-4 yrs, Hb <120 g/L 5-6 yrs)

**Reference No:** 3556

**General Notes:** *Adjustment for altitude.*

**Reference No:** 4524

**General Notes:** *Adjustment for altitude.*

**Reference No:** 4359

**General Notes:** *Urban community in San José; Hb cut-off levels not according to WHO recommendations (please see 'Key to the data tables').*

**Line note 9** Prevalence of anaemia 26.0% (Hb <105 g/L).

**Reference No:** 2799

**General Notes:** *Survey in 14 localities throughout the country.*

**Line note 10** Prevalence of anaemia 35.0% (Hb <110 g/L 1-5 yrs, Hb <120 g/L 6-9 yrs)

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