

HAITI
Last Updated: 2007-09-17

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	2005 -2006	Women: Total	F	15.00- 49.99	5235									B	5833	*	1		
		Men: Total	M	15.00- 59.99	4829						24.4								
		Pre-SAC: Total	B	NS	2599	2.3		60.6											
		Women by physiological status: NPNLW	F	NS	4084					45.2									
		Women by physiological status: PW	F	NS	290	3.2		50.3											
		Women by physiological status: LW	F	NS	861					47.1									
		Women by age	F	15.00- 19.99	1323														2
		Women by age	F	20.00- 29.99	1881														3
		Women by age	F	30.00- 39.99	1123														4
		Women by age	F	40.00- 49.99	908														5
		Women by area: Urban	F	15.00- 49.99	2475														6
		Women by area: Rural	F	15.00- 49.99	2760														7
		Women by department: Aire Metropolitaine	F	15.00- 49.99	1404														8
		Women by department: Ouest (without Aire Metro)	F	15.00- 49.99	850														9
		Women by department: Sud-Est	F	15.00- 49.99	236														10
		Women by department: Nord	F	15.00- 49.99	501														11
		Women by department: Nord-Est	F	15.00- 49.99	163														12
		Women by department: Artibonite	F	15.00- 49.99	778														13
		Women by department: Centre	F	15.00- 49.99	376														14
		Women by department: Sud	F	15.00- 49.99	333														15
		Women by department: Grande-Anse	F	15.00- 49.99	175														16
		Women by department: Nord-Ouest	F	15.00- 49.99	298														17
		Women by department: Nippes	F	15.00- 49.99	120														18
		Men by age	M	15.00- 59.99	1223							35.9							
		Men by age	M	20.00- 29.99	1400							15.4							
		Men by age	M	30.00- 39.99	921							19.0							
		Men by age	M	40.00- 49.99	719							25.2							
		Men by age	M	50.00- 59.99	566							31.4							
		Men by area: Urban	M	15.00- 59.99	1990							21.3							
		Men by area: Rural	M	15.00- 59.99	2839							26.4							
		Men by department: Aire Metropolitaine	M	15.00- 59.99	611							21.4							
		Men by department: Ouest (without Aire Metro)	M	15.00- 59.99	442							21.2							
Men by department: Sud-Est	M	15.00- 59.99	410							21.7									
Men by department: Nord	M	15.00- 59.99	413							29.2									
Men by department: Nord-Est	M	15.00- 59.99	422							21.0									
Men by department: Artibonite	M	15.00- 59.99	457							27.9									

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						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
N	2005 -2006	Men by department: Centre	M	15.00- 59.99	393						22.3		B	5833			
		Men by department: Sud	M	15.00- 59.99	443						25.7						
		Men by department: Grande-Anse	M	15.00- 59.99	469						30.7						
		Men by department: Nord-Ouest	M	15.00- 59.99	406						24.0						
		Men by department: Nippes	M	15.00- 59.99	363						30.3						
N	2000	Women: Total	F	15.00- 49.99	4836	3.0						B	3264	*	19		
		Pre-SAC: Total	B	0.50- 4.99	2751	1.6		65.3									
		Women by physiological status: NPW	F	15.00- 49.99	3570	3.2				54.8							
		Women by physiological status: PW	F	15.00- 49.99	381	3.7		63.2									
		Women by physiological status: LW	F	15.00- 49.99	879	2.2				52.8							
		Women by age	F	15.00- 19.99	1114	4.7											
		Women by age	F	20.00- 24.99	923	2.9											
		Women by age	F	25.00- 29.99	681	2.8											
		Women by age	F	30.00- 34.99	641	1.6											
		Women by age	F	35.00- 39.99	596	1.3											
		Women by age	F	40.00- 44.99	454	3.6											
		Women by age	F	45.00- 49.99	427	3.0											
		Women by area: Urban	F	15.00- 49.99	2176	3.3											
		Women by area: Rural	F	15.00- 49.99	2660	2.8											
		Women by department: Aire Metropolitaine	F	15.00- 49.99	1620	3.5											
		Women by department: Nord	F	15.00- 49.99	425	1.7											
		Women by department: Nord-Est	F	15.00- 49.99	171	2.5											
		Women by department: Nord-Ouest	F	15.00- 49.99	163	1.1											
		Women by department: Artibonite	F	15.00- 49.99	736	3.6											
		Women by department: Centre	F	15.00- 49.99	333	3.7											
		Women by department: Ouest	F	15.00- 49.99	587	3.0											
		Women by department: Sud	F	15.00- 49.99	317	2.3											
		Women by department: Sud-Est	F	15.00- 49.99	235	2.9											
		Women by department: Grande-Anse	F	15.00- 49.99	249	2.3											
		Pre-SAC by sex	F	0.50- 4.99	1437	1.4			64.4								
		Pre-SAC by sex	M	0.50- 4.99	1314	2.0			66.4								
Pre-SAC by age	B	0.50- 0.82	209	1.9			80.6										
Pre-SAC by age	B	0.83- 0.99	84	0.0			85.8										
Pre-SAC by age	B	1.00- 1.32	198	2.0			83.3										
Pre-SAC by age	B	1.33- 1.66	220	1.2			81.4										

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						70	100	110	115	120	130						
N	2000	Pre-SAC by age	B	1.67- 1.99	199	3.2		75.3					3264				
		Pre-SAC by age	B	2.00- 2.99	699	0.8		63.6									
		Pre-SAC by age	B	3.00- 3.99	588	0.6		60.3									
		Pre-SAC by age	B	4.00- 4.99	583	3.4		48.3									
		Pre-SAC by area: Urban	B	0.50- 4.99	828	2.6		63.9									
		Pre-SAC by area: Rural	B	0.50- 4.99	1923	1.2		65.9									
		Pre-SAC by department: Aire Metropolitaine	B	0.50- 4.99	587	2.6		61.9									
		Pre-SAC by department: Nord	B	0.50- 4.99	227	0.2		62.8									
		Pre-SAC by department: Nord-Est	B	0.50- 4.99	126	2.9		74.2									
		Pre-SAC by department: Nord-Ouest	B	0.50- 4.99	112	0.3		57.4									
		Pre-SAC by department: Artibonite	B	0.50- 4.99	428	2.0		71.1									
		Pre-SAC by department: Centre	B	0.50- 4.99	285	1.0		73.5									
		Pre-SAC by department: Ouest	B	0.50- 4.99	406	2.4		68.0									
		Pre-SAC by department: Sud	B	0.50- 4.99	244	0.8		59.2									
		Pre-SAC by department: Sud-Est	B	0.50- 4.99	169	0.9		56.5									
		Pre-SAC by department: Grande-Anse	B	0.50- 4.99	168	0.7		62.0									
L	1985	Cité Simone: Pre-SAC	B	2.00- 4.99	305					111	10	C	1897	*	39		
		Cité Simone: Pre-SAC by sex	F	2.00- 4.99	163					113	10				40		
		Cité Simone: Pre-SAC by sex	M	2.00- 4.99	142					109	10				41		

NOTES

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Reference No: 5833

General Notes: *Sampling: Stratified (urban/rural in each department and in Port-au-Prince) two-stage cluster sampling; Hb determination only for subsample (every other household); Adjusted for altitude.*

Line note 1 Prevalence of anaemia 45.8 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 2 Prevalence of anaemia 48.4 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 3 Prevalence of anaemia 45.4 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 4 Prevalence of anaemia 44.6 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 5 Prevalence of anaemia 44.2 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 6 Prevalence of anaemia 50.9 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 7 Prevalence of anaemia 41.2 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 8 Prevalence of anaemia 51.7 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 9 Prevalence of anaemia 44.7 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 10 Prevalence of anaemia 36.5 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 11 Prevalence of anaemia 45.5 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 12 Prevalence of anaemia 39.6 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 13 Prevalence of anaemia 48.1 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 14 Prevalence of anaemia 42.5 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 15 Prevalence of anaemia 41.8 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 16 Prevalence of anaemia 42.6 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 17 Prevalence of anaemia 40.2 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 18 Prevalence of anaemia 37.8 (Hb <110 g/L PW, Hb <120 g/L NPW).

Reference No: 3264

General Notes: *Hb determination for subsample (50%); adjustment for altitude.*

Line note 19 Prevalence of anaemia 55.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 20 Prevalence of anaemia 57.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 21 Prevalence of anaemia 61.5% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 22 Prevalence of anaemia 50.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 23 Prevalence of anaemia 50.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 24 Prevalence of anaemia 48.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 25 Prevalence of anaemia 53.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 26 Prevalence of anaemia 60.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 27 Prevalence of anaemia 56.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 28 Prevalence of anaemia 54.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 29 Prevalence of anaemia 56.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 30 Prevalence of anaemia 50.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

- Line note 31** Prevalence of anaemia 62.7% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 32** Prevalence of anaemia 51.7% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 33** Prevalence of anaemia 50.7% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 34** Prevalence of anaemia 59.6% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 35** Prevalence of anaemia 57.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 36** Prevalence of anaemia 54.7% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 37** Prevalence of anaemia 51.3% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 38** Prevalence of anaemia 58.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

Reference No: 1897

General Notes: *Urban area next to Port-au-Prince; inclusion only of subjects with low socioeconomic status.*

- Line note 39** Prevalence of anaemia 40.0% (Hb <107 g/L 2 yrs, Hb <109 g/L 3-4 yrs).
- Line note 40** Prevalence of anaemia 36.0% (Hb <107 g/L 2 yrs, Hb <109 g/L 3-4 yrs).
- Line note 41** Prevalence of anaemia 42.0% (Hb <107 g/L 2 yrs, Hb <109 g/L 3-4 yrs).

REFERENCES

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- Reference 1897** Nicklas TA, Kuvibidila S, Gatewood LC, Metzinger AB, Frempong KO. Prevalence of anaemia and iron deficiency in urban Haitian children two to five years of age. *Journal of Tropical Pediatrics*, 1998, 44 :133-138.
- Reference 3264** Republique d'Haiti, Ministère de la Santé Publique et de la Population. Enquête Mortalité, Morbidité et Utilisation des Services EMMUS-III Haïti 2000. 2001.
- Reference 5833** Cayemittes M, Placide MF, Mariko S, Barrère B, Sévère B, Alexandre C. Enquête Mortalité, Morbidité et Utilisation des Services, Haïti, 2005-2006. Calverton, MD, Ministère de la Santé Publique et de la Population, Institut Haïtien de l'Enfance, Macro International Inc., 2007.

ADDITIONAL REFERENCES

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- Reference 4237 Chitharanjan JS, Dubuisson S, Clevidence BA, Wood RJ, Simon PW. Household and maternal determinants of vitamin A and iron status in preschool children in Haiti with special attention to participation in women's groups. 1999.
- Reference 5220 Pilliod K, Makonnen S, Roschnik N. School Health and Nutrition Baseline Survey Report. Haiti, Save the Children US, Haiti Field Office, 2003.