

**TOGO**

Last Updated: 2006-02-14

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						
R	1999 -2000	Lomé: NPW	F	15.00- 49.99	974					50.7		119	16	B	3139	*	
		Lomé: PW	F	15.00- 49.99	72			65.3				104	17				
		Lomé: Men	M	16.00- 65.99	398						14.6	145	16				
		Lomé: Children: Total	B	0.50- 2.99	1070	5.0		79.0				97	15				
		Lomé: Children by sex	F	0.50- 2.99	502			77.9				98	15				
		Lomé: Children by sex	M	0.50- 2.99	558			80.1				97	15				
		Lomé: Children by age	B	0.50- 0.99	236			82.5									
		Lomé: Children by age	B	1.00- 1.57	218			85.2									
		Lomé: Children by age	B	1.58- 1.99	181			80.1									
		Lomé: Children by age	B	2.00- 2.99	206			69.6									
		Atakora Sec: NPW	F	14.00- 48.99	984					36.5		124	15				
		Atakora Sec: PW	F	14.00- 48.99	135			40.7				111	16				
		Atakora Sec: Men	M	17.00- 65.99	734						29.3	137	19				
		Atakora Sec: Children: Total	B	0.50- 2.99	1122	20.8		90.7				86	18				
		Atakora Sec: Children by sex	F	0.50- 2.99	549			91.8				85	18				
		Atakora Sec: Children by sex	M	0.50- 2.99	573			89.7				86	18				
		Atakora Sec: Children by age	B	0.50- 0.99	222			95.9									
		Atakora Sec: Children by age	B	1.00- 1.57	295			95.9									
		Atakora Sec: Children by age	B	1.58- 1.99	173			93.6									
		Atakora Sec: Children by age	B	2.00- 2.99	432			83.3									
		Savanes Sèches: NPW	F	13.00- 49.99	920					39.7		122	14				
		Savanes Sèches: PW	F	13.00- 49.99	169			42.6				110	16				
		Savanes Sèches: Men	M	18.00- 65.99	933						28.4	138	16				
		Savanes Sèches: Children: Total	B	0.50- 2.99	1090	26.4		94.3				82	18				
		Savanes Sèches: Children by sex	F	0.50- 2.99	571			93.2				82	18				
		Savanes Sèches: Children by sex	M	0.50- 2.99	519			95.6				81	17				
		Savanes Sèches: Children by age	B	0.50- 0.99	213			96.2									
		Savanes Sèches: Children by age	B	1.00- 1.57	275			96.7									
		Savanes Sèches: Children by age	B	1.58- 1.99	180			96.1									
		Savanes Sèches: Children by age	B	2.00- 2.99	422			91.0									
L	1991 P	Lomé: PW at delivery	F	NS	125			48.0			111	2	D	876	*	1	
		Lomé: Newborns	B	0.00	125						150	2					2
LR	1988 -1989	Dzogbepeme: Children: Total	B	0.50- 3.07	163			82.2					A	4817	*	3	
		Dzogbepeme: Children by intervention: Daily iron	B	0.50- 3.07	84			84.5			99	12					

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						Proportion (%) of population with haemoglobin below:										General	Line		
						70	100	110	115	120	130								
LR	1988 -1989	Dzogbepeme: Children by intervention: Placebo	B	0.50- 3.07	79			79.8				100	11	A	4817				
N	1976 -1977	Women: Total	F	NS	1141									A	777	*	4		
		Pre-SAC: Total	B	0.50- 5.99	NS			68.4				101					5		
		Women by physiological status: NPW	F	NS		222					34.5								
		Women by physiological status: LW	F	NS		818					29.6								
		Women by physiological status: PW	F	NS		101			46.9									6	
		Women by region: Plateau	F	NS		NS							125					7	
		Women by region: Urban	F	NS		NS							121					8	
		Women by region: Maritime	F	NS		NS							121					9	
		Women by region: Kara	F	NS		NS							124					10	
		Women by region: Central	F	NS		NS							127					11	
		Women by region: Savanna	F	NS		NS							126					12	
		Pre-SAC by age	B	0.50- 0.99		NS													
		Pre-SAC by age	B	1.00- 1.99		NS			61.2										
		Pre-SAC by age	B	2.00- 2.99		NS			49.3										
		Pre-SAC by age	B	3.00- 3.99		NS				70.7									
		Pre-SAC by age	B	4.00- 4.99		NS				65.7									
		Pre-SAC by age	B	5.00- 5.99		NS				53.4									
		Pre-SAC by age	B	5.00- 5.99		NS				49.2									
		Pre-SAC by region: Plateau	B	0.50- 5.99		NS				61.4				104					13
		Pre-SAC by region: Urban	B	0.50- 5.99		NS				63.3				103					14
Pre-SAC by region: Maritime	B	0.50- 5.99		NS				69.0				102					15		
Pre-SAC by region: Kara	B	0.50- 5.99		NS				72.2				99					16		
Pre-SAC by region: Central	B	0.50- 5.99		NS				74.8				98					17		
Pre-SAC by region: Savanna	B	0.50- 5.99		NS				75.5				98					18		

## NOTES

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**Reference No:** 3139

**General Notes:** *Study in 3 regions with different meat consumption: Lomé: medium, Atakora Sec; low, Savanes Séches: high; adults are parents or caretakers of children selected.*

**Reference No:** 876

**General Notes:** *Method: cell counter (not specified).*

**Line note 1** Prevalence of anaemia 6.0% (Hb <80 g/L).

**Line note 2** Prevalence of anaemia 30.0% (Hb <140 g/L).

**Reference No:** 4817

**General Notes:** *Study in Dzogbepeme, 50 km north of the capital Lomé; dates and location of survey provided by investigator; baseline values of intervention study; sampling: all 229 6-36 months old children were measured, 197 children were included and 163 completed the study; exclusion of 32 out of the 229 children measured who had Hb <80 g/L.*

**Line note 3** Prevalence value calculated.

**Reference No:** 777

**General Notes:** *Hb determination only for subsample (every 5th subject); Hb cut-off levels <2 yrs not according to WHO recommendations (please see 'Key to the data tables').*

**Line note 4** Prevalence of anaemia 32.1% (Hb <120 g/L NPW, LW, Hb <110 g/L PW); disaggregated data by ethnic groups.

**Line note 5** Sample size circa 1200; prevalence of anaemia 58.6% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; prevalence of anaemia 10.1% (Hb <80 g/L); value <110 g/L adapted from reference No. 865.

**Line note 6** Prevalence of anaemia 0.7% (Hb <80 g/L).

**Line note 7** Prevalence of anaemia 31.3% (Hb <120 g/L NPW, LW, Hb <110 g/L PW).

**Line note 8** Prevalence of anaemia 38.5% (Hb <120 g/L NPW, LW, Hb <110 g/L PW).

**Line note 9** Prevalence of anaemia 31.5% (Hb <120 g/L NPW, LW, Hb <110 g/L PW).

**Line note 10** Prevalence of anaemia 35.0% (Hb <120 g/L NPW, LW, Hb <110 g/L PW).

**Line note 11** Prevalence of anaemia 27.6% (Hb <120 g/L NPW, LW, Hb <110 g/L PW).

**Line note 12** Prevalence of anaemia 29.1% (Hb <120 g/L NPW, LW, Hb <110 g/L PW).

**Line note 13** Prevalence of anaemia 50.3% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; value <110 g/L adapted from reference No. 865.

**Line note 14** Prevalence of anaemia 55.7% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; value <110 g/L adapted from reference No. 865.

**Line note 15** Prevalence of anaemia 56.0% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; value <110 g/L adapted from reference No. 865.

**Line note 16** Prevalence of anaemia 65.6% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; value <110 g/L adapted from reference No. 865.

**Line note 17** Prevalence of anaemia 65.0% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; value <110 g/L adapted from reference No. 865.

**Line note 18** Prevalence of anaemia 68.9% (Hb <100 g/L <2 yrs, Hb <110 g/L >=2 yrs); weighted prevalence value; value <110 g/L adapted from reference No. 865.

## REFERENCES

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- Reference 777** USAID. Togo Nutrition Status Survey 1977. Washington, DC, United States Agency for International Development, 1977.
- Reference 876** Dop MC, Blot I, Dyck JL, Assimadi K, Hodonou AK, Doh A. L'anémie à l'accouchement à Lomé (Togo): prévalence, facteurs de risque et répercussions chez le nouveau-né [Anemia at delivery in Lomé (Togo): prevalence, risk factors and consequences in newborn infants]. *Revue d'Epidémiologie et de Santé Publique*, 1992, 40 :259-267.
- Reference 3139** Ministère de la Santé Service de Nutrition, WHO, UNICEF. Enquête sur l'anémie et les facteurs associés dans les ménages du Togo (Zone de l' Atakora Sec, de Savanes Sèches et Lomé Commune). 2000.
- Reference 4817** Berger J, Dyck JL, Galan P, Aplogan A, Schneider D, Traissac P, Hercberg S. Effect of daily iron supplementation on iron status, cell-mediated immunity, and incidence of infections in 6-36 month old Togolese children. *European Journal of Clinical Nutrition*, 2000, 54 :29-35.

## ADDITIONAL REFERENCES

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- Reference 865 Stetler HC, Ayeboua A, Brink EW, Agle AN, Staehling NW, Lane JM. Nutritional status of preschool children in Togo, 1976-77. *Bulletin of the World Health Organization*, 1980, 58 :889-895.
- Reference 2238 Agbere AD, Aplogan A, Wilkins K, Kessie K, Assimadi K. Anémie et état nutritionnel chez les jeunes enfants au Nord-Togo [Anemia and nutritional status in young children in northern Togo]. *Médecine Tropicale*, 1995, 55 :106.
- Reference 2408 Ministère de la Santé Publique. Politique nationale d'alimentation et de nutrition. 1989.