

BURKINA FASO

Last Updated: 2007-03-02

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									
N	2003	Women: Total	F	15.00- 49.99	4271	1.1												*	1	
		Men: Total	M	15.00- 59.99	3428															2
		Pre-SAC: Total	B	0.50- 4.99	2786	13.0		91.5												3
		Women by physiological status: NPNLW	F	15.00- 49.99	2326	0.9					51.7									
		Women by physiological status: PW	F	15.00- 49.99	441	2.3			68.3											
		Women by physiological status: LW	F	15.00- 49.99	1504	1.1					52.5									
		Women by age	F	15.00- 19.99	1009	1.3														4
		Women by age	F	20.00- 24.99	756	0.7														5
		Women by age	F	25.00- 29.99	669	1.1														6
		Women by age	F	30.00- 34.99	506	1.4														7
		Women by age	F	35.00- 39.99	545	1.7														8
		Women by age	F	40.00- 44.99	418	0.4														9
		Women by age	F	45.00- 49.99	369	1.1														10
		Women by pregnancy number: 0	F	15.00- 49.99	1065	1.2														11
		Women by pregnancy number: 1	F	15.00- 49.99	502	1.0														12
		Women by pregnancy number: 2-3	F	15.00- 49.99	905	1.2														13
		Women by pregnancy number: 4-5	F	15.00- 49.99	711	1.5														14
		Women by pregnancy number: 6+	F	15.00- 49.99	1088	0.7														15
		Women by area: Urban	F	15.00- 49.99	866	0.6														16
		Women by area: Rural	F	15.00- 49.99	3404	1.3														17
		Men by age	M	15.00- 19.99	850							48.1								18
		Men by age	M	20.00- 24.99	509							22.7								19
		Men by age	M	25.00- 29.99	398							19.9								20
		Men by age	M	30.00- 34.99	389							20.9								21
		Men by age	M	35.00- 39.99	350							19.4								22
		Men by age	M	40.00- 44.99	293							29.0								23
		Men by age	M	45.00- 49.99	257							39.0								24
		Men by age	M	50.00- 54.99	226							38.0								25
		Men by age	M	55.00- 59.99	156							40.3								26
		Men by area: Urban	M	15.00- 59.99	659							25.6								27
Men by area: Rural	M	15.00- 59.99	2769							33.2								28		
Pre-SAC by sex	F	0.50- 4.99	1363			12.3		91.3												
Pre-SAC by sex	M	0.50- 4.99	1423			13.7		91.7												
Pre-SAC by age	B	0.50- 0.82	220			17.9		93.1												
Pre-SAC by age	B	0.83- 0.99	107			28.9		99.4												
Pre-SAC by age	B	1.00- 1.99	643			25.5		96.3												

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						Proportion (%) of population with haemoglobin below:										General	Line	
						70	100	110	115	120	130							
N	2003	Pre-SAC by age	B	2.00- 2.99	591	12.5		94.5						4948				
		Pre-SAC by age	B	3.00- 3.99	645	5.8		88.5										
		Pre-SAC by age	B	4.00- 4.99	581	2.9		84.4										
		Pre-SAC by area: Urban	B	0.50- 4.99	323	5.1		75.8										
		Pre-SAC by area: Rural	B	0.50- 4.99	2463	14.1		93.6										
S	2001	5 provinces: SAC: Total	B	5.00- 16.99	1368	0.3					115		B	5225	*	29		
		SAC by sex	F	5.00- 16.99	NS												30	
		SAC by sex	M	5.00- 16.99	NS													31
		SAC by province: Boulkiemde	B	5.00- 16.99	349							118						32
		SAC by province: Oudalan	B	5.00- 16.99	146							108						33
		SAC by province: Sanguie	B	5.00- 16.99	217							117						34
		SAC by province: Sanmatenga	B	5.00- 16.99	271							117						35
		SAC by province: Zoundweogo	B	5.00- 16.99	385							113						36
L	1995 -1996	Bobo-Dioulasso: PW: Total	F	18.00- 50.99	2308			66.0			103	14	C	1537	*	37		
		Bobo-Dioulasso: PW by age	F	NS- 24.99	1074			67.1										
		Bobo-Dioulasso: PW by age	F	25.00- 34.99	961			64.6										
		Bobo-Dioulasso: PW by age	F	35.00-NS	273			66.7										
		Bobo-Dioulasso: PW by gestational age: 1st	F	18.00- 50.99	392			52.8										38
		Bobo-Dioulasso: PW by gestational age: 2nd	F	18.00- 50.99	1374			67.8										39
		Bobo-Dioulasso: PW by gestational age: 3rd	F	18.00- 50.99	542			71.2										40
L	1995	Bobo-Dioulasso: PW	F	14.00- 46.99	247			66.8			101	21	B	2189	*	41		
L	1993	Bobo-Dioulasso: NPNLW	F	15.00- 49.99	72						122	14	B	2191	*			
		Bobo-Dioulasso: PW	F	15.00- 49.99	56			71.4			101	16						
		Bobo-Dioulasso: LW	F	15.00- 49.99	123						116	16						

NOTES

BURKINA FASO

Reference No: 4948

General Notes: *Sampling: two-stage stratified cluster sampling design (1. 400 clusters were selected with probability proportionate to size; 2. 9097 out of the 9149 identified households were interviewed, all woman aged 15-49 yrs available in the households were selected (n=12 477 out of 12 952 identified), sub-sample for available men aged 15-59 yrs (1 out of 3 households), n=3605 out of 3984 identified; Hb determination only for subsample.*

- Line note 1** Prevalence of anaemia 53.7% (Hb <110 g/L PW, Hb <120 g/L NPW); disaggregated data by education, socioeconomic status.
- Line note 2** Prevalence of severe anaemia 0.9% (Hb <90 g/L); disaggregated data by education.
- Line note 3** Disaggregated data by birth order, maternal education, maternal age, socioeconomic status.

- Line note 4** Prevalence of anaemia 51.9% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 5** Prevalence of anaemia 55.7% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 6** Prevalence of anaemia 52.6% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 7** Prevalence of anaemia 52.8% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 8** Prevalence of anaemia 58.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 9** Prevalence of anaemia 54.2% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 10** Prevalence of anaemia 51.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 11** Prevalence of anaemia 52.4% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 12** Prevalence of anaemia 51.4% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 13** Prevalence of anaemia 56.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 14** Prevalence of anaemia 54.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 15** Prevalence of anaemia 53.9% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 16** Prevalence of anaemia 50.7% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 17** Prevalence of anaemia 54.5% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 18** Prevalence of severe anaemia 1.4% (Hb <90 g/L).
- Line note 19** Prevalence of severe anaemia 0.6% (Hb <90 g/L).
- Line note 20** Prevalence of severe anaemia 0.5% (Hb <90 g/L).
- Line note 21** Prevalence of severe anaemia 1.3% (Hb <90 g/L).
- Line note 22** Prevalence of severe anaemia 1.1% (Hb <90 g/L).
- Line note 23** Prevalence of severe anaemia 0.1% (Hb <90 g/L).
- Line note 24** Prevalence of severe anaemia 0.3% (Hb <90 g/L).
- Line note 25** Prevalence of severe anaemia 1.1% (Hb <90 g/L).
- Line note 26** Prevalence of severe anaemia 1.9% (Hb <90 g/L).
- Line note 27** Prevalence of severe anaemia 1.4% (Hb <90 g/L).
- Line note 28** Prevalence of severe anaemia 0.8% (Hb <90 g/L).

Reference No: 5225

General Notes: *Sampling: facility based study (21 schools, all schools selected by the social mobilization team under "Fondation pour le Développement Communautaire du Burkino Faso (FDC/BF)") in 5 provinces: Boulkiemde, Uodalan, Sanguié, Sanmatenga and Zoundwéogo; sample representative at province level; mean age 9.50 yrs.*

- Line note 29** Prevalence of anaemia 50.5% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs).

Line note 30 Prevalence of anaemia 50.6% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.
Line note 31 Prevalence of anaemia 54.4% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.
Line note 32 Prevalence of anaemia 41.0% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.
Line note 33 Prevalence of anaemia 76.0% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.
Line note 34 Prevalence of anaemia 42.4% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.
Line note 35 Prevalence of anaemia 48.3% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.
Line note 36 Prevalence of anaemia 55.6% (Hb <115 g/L both sexes 5-11 yrs, Hb <120 g/L both sexes 12-14 yrs and female 15-16 yrs, Hb <130 g/L male 15-16 yrs.

Reference No: 1537

General Notes: *Facility based study (2 hospitals).*

Line note 37 Values for other Hb cut-off levels; gestational age <7 months; disaggregated data by several demographic, socioeconomic and obstetric factors.

Line note 38 1. Trimester.

Line note 39 2. Trimester.

Line note 40 3. Trimester.

Reference No: 2189

General Notes: *Facility based study (Centre hospitalier national Sourô Sanon).*

Line note 41 PW at delivery; values for other Hb cut-off levels.

Reference No: 2191

General Notes: *Hb cut-off levels not defined, assuming 110 g/L for PW and 120 g/L for nonpregnant and lactating women.*

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