

**ETHIOPIA**

Last Updated: 2006-11-28

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	Women: Total	F	15.00- 49.99	6141	1.3								B	5694	*	1
		PreSAC: Total	B	0.50- 4.99	4138	3.9		53.5									
		Women by physiological status: NPNLW	F	15.00- 49.99	3398	1.0				23.9							
		Women by physiological status: PW	F	15.00- 49.99	520	3.0		30.6									
		Women by physiological status: LW	F	15.00- 49.99	2222	1.3				29.8							
		Women by age	F	15.00- 19.99	1489	0.9											2
		Women by age	F	20.00- 29.99	2163	1.2											3
		Women by age	F	30.00- 39.99	1489	1.9											4
		Women by age	F	40.00- 49.99	1000	1.3											5
		Women by area: Urban	F	15.00- 49.99	948	0.7											6
		Women by area: Rural	F	15.00- 49.99	5193	1.4											7
		Women by region: Addis Ababa	F	15.00- 49.99	271	0.8											8
		Women by region: Affar	F	15.00- 49.99	55	3.4											9
		Women by region: Amhara	F	15.00- 49.99	1486	1.5											10
		Women by region: Benishangul-Gumuz	F	15.00- 49.99	59	0.8											11
		Women by region: Dire Dawa	F	15.00- 49.99	26	2.5											12
		Women by region: Gambela	F	15.00- 49.99	21	1.7											13
		Women by region: Harari	F	15.00- 49.99	16	0.5											14
		Women by region: Oromiya	F	15.00- 49.99	2177	1.2											15
		Women by region: SNNP	F	15.00- 49.99	1437	1.0											16
		Women by region: Somali	F	15.00- 49.99	181	4.8											17
		Women by region: Tigray	F	15.00- 49.99	411	0.6											18
		PreSAC by sex	F	0.50- 4.99	2083	3.3		52.1									
		PreSAC by sex	M	0.50- 4.99	2055	4.6		55.0									
		PreSAC by age	B	0.50- 0.74	226	3.4		77.2									
		PreSAC by age	B	0.75- 0.99	199	8.3		73.3									
		PreSAC by age	B	1.00- 1.49	521	6.1		73.7									
		PreSAC by age	B	1.50- 1.99	344	4.5		62.2									
		PreSAC by age	B	2.00- 2.99	882	3.5		50.7									
		PreSAC by age	B	3.00- 3.99	1002	2.5		48.1									
		PreSAC by age	B	4.00- 4.99	965	3.6		38.2									
		PreSAC by area: Urban	B	0.50- 4.99	270	3.5		46.8									
		PreSAC by area: Rural	B	0.50- 4.99	3868	3.9		54.0									
		PreSAC by region: Addis Ababa	B	0.50- 4.99	45	4.0		37.5									
		PreSAC by region: Affar	B	0.50- 4.99	32	4.4		58.5									
		PreSAC by region: Amhara	B	0.50- 4.99	858	5.4		52.0									

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						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
N	2005	PreSAC by region: Benishangul-Gumuz	B	0.50- 4.99	39	4.4		54.3						B	5694		
		PreSAC by region: Dire Dawa	B	0.50- 4.99	14	11.5		60.7									
		PreSAC by region: Gambela	B	0.50- 4.99	10	4.0		61.8									
		PreSAC by region: Harari	B	0.50- 4.99	7	3.1		56.1									
		PreSAC by region: Oromiya	B	0.50- 4.99	1717	3.5		56.0									
		PreSAC by region: SNNP	B	0.50- 4.99	1004	2.0		46.2									
		PreSAC by region: Somali	B	0.50- 4.99	124	14.1		85.6									
		PreSAC by region: Tigray	B	0.50- 4.99	288	3.8		56.5									
		L	2001	Awassa: PW	F	14.00- 42.99	383	0.3		32.2			115	14	B	1603	*
L	2001	Addis Ababa: LW: Total	F	15.00- 49.99	1016					22.3	114	4	A	4407	*		
		Addis Ababa: LW by age	F	15.00- 20.99	84					22.6							
		Addis Ababa: LW by age	F	21.00- 25.99	321					22.4							
		Addis Ababa: LW by age	F	26.00- 30.99	286					22.4							
		Addis Ababa: LW by age	F	31.00- 35.99	165					21.8							
		Addis Ababa: LW by age	F	36.00- 40.99	150					22.0							
		Addis Ababa: LW by age	F	41.00- 49.99	10					20.0							
L	1991	Jima: PW	F	15.00-NS	279	2.5		41.9					D	2193	*	19	
R	1990 -1994	PW/LW: Total	F	15.00- 49.99	1449						136		A	1765	*	20	
		LW	F	15.00- 49.99	764												
		PW	F	15.00- 49.99	685			24.4									
		PW/LW by staple diet: Sorghum	F	15.00- 49.99	295							132					21
		PW/LW by staple diet: Tef	F	15.00- 49.99	200							135					22
		PW/LW by staple diet: Enset	F	15.00- 49.99	317							134					23
		PW/LW by staple diet: Milk	F	15.00- 49.99	205							129					24
		PW/LW by staple diet: Maize	F	15.00- 49.99	229							123					25
		PW/LW by staple diet: Barley	F	15.00- 49.99	203							159					26
L	1972 P	Addis Ababa: NPW	F	NS	100						152	5	A	2197	*	27	
		Addis Ababa: PW: Total	F	NS	497			5.4			139						
		Addis Ababa: PW by gestational age: 12 wks	F	NS	152						140	18					28
		Addis Ababa: PW by gestational age: 30 wks	F	NS	191						134	12					29
		Addis Ababa: PW by gestational age: 38-40 wks	F	NS	154			4.5			143	13					

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						70	100	110	115	120	130						

## NOTES

### ETHIOPIA

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**Reference No:** 5694

**General Notes:** *Sampling: two-stage cluster sampling; representative at urban, rural and state levels: Hb determination only for subsample (every second household); adjustment for altitude.*

**Line note 1** Prevalence of anaemia 26.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 2** Prevalence of anaemia 24.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 3** Prevalence of anaemia 24.5% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 4** Prevalence of anaemia 30.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 5** Prevalence of anaemia 27.7% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 6** Prevalence of anaemia 17.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 7** Prevalence of anaemia 28.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 8** Prevalence of anaemia 14.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 9** Prevalence of anaemia 40.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 10** Prevalence of anaemia 31.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 11** Prevalence of anaemia 14.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 12** Prevalence of anaemia 25.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 13** Prevalence of anaemia 42.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 14** Prevalence of anaemia 22.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 15** Prevalence of anaemia 24.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 16** Prevalence of anaemia 23.5% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 17** Prevalence of anaemia 39.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 18** Prevalence of anaemia 29.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Reference No:** 1603

**General Notes:** *Facility based study (health centre) in Awassa, southern Ethiopia; PW visiting antenatal clinic (n=391) and PW at delivery (n=12); exclusion of 20 women taking haematinics or antimalarials; adjustment for altitude.*

**Reference No:** 4407

**General Notes:** *Survey in 6 urban slum communities of Teklehaimanot district in Addis Ababa; low socioeconomic status.*

**Reference No:** 2193

**General Notes:** *Facility based study (hospital); method: Sahli haemoglobin meter.*

**Line note 19** Disaggregated data by age, gestational age and other parameters. Mean age 25.1 yrs.

**Reference No:** 1765

**General Notes:** *Sampling: total of 13 sites (excluding northern part) representing six main staple diets of different iron contents consumed in the country were randomly selected and stratified, 1449 pregnant and lactating mothers were randomly selected from a census list of the selected sites.*

**Line note 20** Prevalence of anaemia 18.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

- Line note 21** Prevalence of anaemia 30.5% (Hb <110 g/L PW, Hb <120 g/L NPW).  
**Line note 22** Prevalence of anaemia 8.0% (Hb <110 g/L PW, Hb <120 g/L NPW).  
**Line note 23** Prevalence of anaemia 12.6% (Hb <110 g/L PW, Hb <120 g/L NPW).  
**Line note 24** Prevalence of anaemia 26.3% (Hb <110 g/L PW, Hb <120 g/L NPW).  
**Line note 25** Prevalence of anaemia 20.9% (Hb <110 g/L PW, Hb <120 g/L NPW).  
**Line note 26** Prevalence of anaemia 8.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Reference No:** 2197

**General Notes:** *Facility based study for PW (5 antenatal clinics); adjustment for altitude for PW.*

**Line note 27** Only mean Hb values.

**Line note 28** Only mean Hb values.

**Line note 29** Only mean Hb values.

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