

ZIMBABWE
Last Updated: 2007-12-03

Level	Date	Region and sample descriptor	Sex	Age (years)	Sample size	Haemoglobin (g/L)						Reference	Notes						
						Proportion (%) of population with haemoglobin below:							Mean	SD	Method	General	Line		
						70	100	110	115	120	130								
N	2005 -2006	Women: Total	F	15.00- 49.99	7634	1.0								B	5830	*	1		
		Men: Total	M	15.00- 54.99	5675	0.3												2	
		Pre-SAC: Total	B	0.50- 4.99	4354	1.2		58.3											
		Women by physiological status: NPNLW	F	15.00- 49.99	5618	1.2					37.3								
		Women by physiological status: PW	F	15.00- 49.99	525	1.5		47.0											
		Women by physiological status: LW	F	15.00- 49.99	1491	0.2					36.3								
		Women by age	F	15.00- 19.99	1840	0.3													3
		Women by age	F	20.00- 29.99	2909	0.8													4
		Women by age	F	30.00- 39.99	1771	1.3													5
		Women by age	F	40.00- 49.99	1114	2.5													6
		Women by area: Urban	F	15.00- 49.99	2762	1.2													7
		Women by area: Rural	F	15.00- 49.99	4872	0.9													8
		Women by province: Bulawayo	F	15.00- 49.99	567	1.4													9
		Women by province: Harare	F	15.00- 49.99	1175	0.9													10
		Women by province: Manicaland	F	15.00- 49.99	877	1.1													11
		Women by province: Mashonaland Central	F	15.00- 49.99	652	1.6													12
		Women by province: Mashonaland East	F	15.00- 49.99	657	0.8													13
		Women by province: Mashonaland West	F	15.00- 49.99	696	1.4													14
		Women by province: Masvingo	F	15.00- 49.99	1046	0.1													15
		Women by province: Matabeleland North	F	15.00- 49.99	470	0.9													16
		Women by province: Matabeleland South	F	15.00- 49.99	367	2.1													17
		Women by province: Midlands	F	15.00- 49.99	1127	1.0													18
		Men by age	M	15.00- 19.99	1580	0.2													19
		Men by age	M	20.00- 29.99	1985	0.2													20
		Men by age	M	30.00- 39.99	1172	0.5													21
		Men by age	M	40.00- 49.99	697	0.1													22
		Men by age	M	50.00- 54.99	241	0.5													23
		Men by area: Urban	M	15.00- 54.99	2072	0.4													24
		Men by area: Rural	M	15.00- 54.99	3603	0.2													25
		Men by province: Bulawayo	M	15.00- 54.99	338	0.2													26
		Men by province: Harare	M	15.00- 54.99	915	0.2													27
		Men by province: Manicaland	M	15.00- 54.99	682	0.0													28
Men by province: Mashonaland Central	M	15.00- 54.99	507	0.0													29		
Men by province: Mashonaland East	M	15.00- 54.99	524	0.3													30		
Men by province: Mashonaland West	M	15.00- 54.99	599	0.7													31		
Men by province: Masvingo	M	15.00- 54.99	635	0.0													32		

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						Proportion (%) of population with haemoglobin below:										General	Line			
						70	100	110	115	120	130									
N	2005 -2006	Men by province: Matebeleland North	M	15.00- 54.99	333	0.0								B	5830		33			
		Men by province: Matebeleland South	M	15.00- 54.99	222	0.6													34	
		Men by province: Midlands	M	15.00- 54.99	920	0.6														35
		Pre-SAC by sex	F	0.50- 4.99	2168	1.2			56.4											
		Pre-SAC by sex	M	0.50- 4.99	2186	1.1			60.2											
		Pre-SAC by age	B	0.50- 0.74	223	2.6			77.0											
		Pre-SAC by age	B	0.75- 0.99	220	1.5			84.0											
		Pre-SAC by age	B	1.00- 1.49	512	3.3			74.7											
		Pre-SAC by age	B	1.50- 4.99	439	1.3			67.8											
		Pre-SAC by age	B	2.00- 4.99	952	0.7			58.4											
		Pre-SAC by age	B	3.00- 4.99	977	0.4			48.8											
		Pre-SAC by age	B	4.00- 4.99	1032	0.7			45.6											
		Pre-SAC by area: Urban	B	0.50- 4.99	1025	2.2			58.0											
		Pre-SAC by area: Rural	B	0.50- 4.99	3329	0.9			58.4											
		Pre-SAC by province: Bulawayo	B	0.50- 4.99	189	2.8			55.9											36
		Pre-SAC by province: Harare	B	0.50- 4.99	421	1.3			56.3											37
		Pre-SAC by province: Manicaland	B	0.50- 4.99	568	0.8			55.4											38
		Pre-SAC by province: Mashonaland Central	B	0.50- 4.99	474	0.7			59.0											39
		Pre-SAC by province: Mashonaland East	B	0.50- 4.99	412	1.5			63.1											40
		Pre-SAC by province: Mashonaland West	B	0.50- 4.99	387	2.0			59.1											41
		Pre-SAC by province: Masvingo	B	0.50- 4.99	570	0.7			58.5											42
		Pre-SAC by province: Matebeleland North	B	0.50- 4.99	333	0.0			58.5											43
		Pre-SAC by province: Matebeleland South	B	0.50- 4.99	246	1.9			61.2											44
Pre-SAC by province: Midlands	B	0.50- 4.99	753	1.3			57.7									45				
L	2001 P	Harare: PW (HIV negative)	F	14.00- 45.99	988			22.0			118		D	2588	*					
		Harare: PW (HIV positive)	F	14.00- 45.99	474			54.0			118									
LR	2001 P	Makhaza area: LW	F	16.00- 45.99	202					36.6	120	10	B	2746	*	46				
N	1999	Women: Total	F	15.00- 49.99	NS								NS	2641	*	47				
		Women by physiological status: PW	F	15.00- 49.99	NS			18.8												
		Women by physiological status: NPW	F	15.00- 49.99	NS					34.3										
		Children by age	B	1.00- 5.99	327			19.3												
		Children by age	B	6.00- 11.99	441				18.1											
		Children by age	B	12.00- 14.99	201					27.4										

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						Proportion (%) of population with haemoglobin below:										General	Line			
						70	100	110	115	120	130									
S	1997	4 Provinces: All	B	2.00-NS	3151															
		4 Provinces: PW: Total	F	NS	746															
		4 Provinces: LW: Total	F	NS	800			33.0												
		4 Provinces: Men: Total	M	NS	811					29.6										
		4 Provinces: Pre-SAC: Total	B	1.00- 4.99	799															
		PW by province: Mahonaland Central	F	NS	198	1.0		22.2												
		PW by province: Matebeleland North	F	NS	198	0.5		42.9												
		PW by province: Matebeleland South	F	NS	205	1.0		33.7												
		PW by province: Midlands	F	NS	145	0.0		38.1												
		LW by province: Mahonaland Central	F	NS	192	0.5				30.7										
		LW by province: Matebeleland North	F	NS	204	1.0				28.4										
		LW by province: Matebeleland South	F	NS	206	0.0				33.5										
		LW by province: Midlands	F	NS	198	0.0				25.8										
		Men by province: Mahonaland Central	M	NS	202	0.0														
		Men by province: Matebeleland North	M	NS	203	0.0														
		Men by province: Matebeleland South	M	NS	209	0.0														
		Men by province: Midlands	M	NS	197	0.5														
		Pre-SAC by province: Mahonaland Central	B	1.00- 4.99	203	0.5			11.3											
		Pre-SAC by province: Matebeleland North	B	1.00- 4.99	204	0.5			45.1											
		Pre-SAC by province: Matebeleland South	B	1.00- 4.99	211	0.0			7.2											
Pre-SAC by province: Midlands	B	1.00- 4.99	181	0.6			6.2													
L	1994 -1995	North Eastern: Elderly	B	60.00- 92.99	278															
		North Eastern: Elderly by sex	F	60.00- 92.99	150															
		North Eastern: Elderly by sex	M	60.00- 92.99	128															
S	1989P	Masvingo province: PW	F	17.00- 54.99	510							117		D	2801	*				

NOTES

ZIMBABWE

Reference No: 5830

General Notes: *Sampling: Stratified by land use within each of the 8 provinces. Two-stage cluster sampling in each strata. Hb cut-off for men not according to WHO recommendations, (please see "Key to the data tables"); adjusted for altitude.*

Line note 1 Prevalence of anaemia 37.8 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 2 Prevalence of anaemia 10.5 (Hb <120 g/L).

Line note 3 Prevalence of anaemia 34.5 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 4 Prevalence of anaemia 35.1 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 5 Prevalence of anaemia 41.4 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 6 Prevalence of anaemia 44.3 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 7 Prevalence of anaemia 38.9 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 8 Prevalence of anaemia 37.1 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 9 Prevalence of anaemia 38.0 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 10 Prevalence of anaemia 35.6 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 11 Prevalence of anaemia 30.7 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 12 Prevalence of anaemia 37.1 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 13 Prevalence of anaemia 33.6 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 14 Prevalence of anaemia 37.8 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 15 Prevalence of anaemia 47.5 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 16 Prevalence of anaemia 35.7 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 17 Prevalence of anaemia 45.0 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 18 Prevalence of anaemia 37.7 (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 19 Prevalence of anaemia 13.5 (Hb <120 g/L).

Line note 20 Prevalence of anaemia 5.4 (Hb <120 g/L).

Line note 21 Prevalence of anaemia 12.5 (Hb <120 g/L).

Line note 22 Prevalence of anaemia 13.2 (Hb <120 g/L).

Line note 23 Prevalence of anaemia 13.8 (Hb <120 g/L).

Line note 24 Prevalence of anaemia 9.0 (Hb <120 g/L).

Line note 25 Prevalence of anaemia 11.3 (Hb <120 g/L).

Line note 26 Prevalence of anaemia 6.9 (Hb <120 g/L).

Line note 27 Prevalence of anaemia 9.8 (Hb <120 g/L).

Line note 28 Prevalence of anaemia 8.2 (Hb <120 g/L).

Line note 29 Prevalence of anaemia 8.4 (Hb <120 g/L).

Line note 30 Prevalence of anaemia 8.1 (Hb <120 g/L).

Line note 31 Prevalence of anaemia 14.3 (Hb <120 g/L).

Line note 32 Prevalence of anaemia 15.8 (Hb <120 g/L).

Line note 33 Prevalence of anaemia 7.4 (Hb <120 g/L).

Line note 34 Prevalence of anaemia 11.3 (Hb <120 g/L).

Line note 35 Prevalence of anaemia 11.2 (Hb <120 g/L).

Line note 36 Prevalence of anaemia 6.9 (Hb <120 g/L).

Line note 37 Prevalence of anaemia 9.8 (Hb <120 g/L).

Line note 38 Prevalence of anaemia 8.2 (Hb <120 g/L).

Line note 39 Prevalence of anaemia 8.4 (Hb <120 g/L).

Line note 40 Prevalence of anaemia 8.1 (Hb <120 g/L).

Line note 41 Prevalence of anaemia 14.3 (Hb <120 g/L).

Line note 42 Prevalence of anaemia 15.8 (Hb <120 g/L).

Line note 43 Prevalence of anaemia 7.4 (Hb <120 g/L).

Line note 44 Prevalence of anaemia 11.3 (Hb <120 g/L).

Line note 45 Prevalence of anaemia 11.2 (Hb <120 g/L).

Reference No: 2588

General Notes: *Facility based study (hospital); method: Haematology analyzer (MaxM); gestational age 22-36 wks.*

Reference No: 2746

General Notes: *Study in 12 villages comprising the Makhaza area (semi-arid rural) of Tsholotsho District; sampling: all women (n=288 according to the population census) with babies under the age of 12 months were screened, 211 women were eligible; inclusion only of 207 lactating women with infants aged 2-12 months who consented and who were not ill; exclusion in the analysis of 5 women with elevated C-reactive protein (>10 µg/L); same survey reported in reference No. 3232.*

Line note 46 Prevalence of iron deficiency anaemia 4.3% (Hb <120 g/L+serum ferritin <12 µg/L; n=163); prevalence of iron deficiency 12.0% (serum ferritin <12 µg/L; n=163); median Hb: 120 g/L; mean (SD) age 27.0 (7.0) yrs.

Reference No: 2641

General Notes: *Hb determination for subsample.*

Line note 47 Prevalence of anaemia 31.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Reference No: 2474

General Notes: *Methods: Spencer Haemoglobin meter (Pre-SAC), Cell counter (others).*

Line note 48 Prevalence of anaemia 24.1% (Hb <110 g/L both sexes 1-5 yrs, PW, Hb <120 g/L LW, Hb <130 g/L adult males).

Reference No: 2240

General Notes: *Rural villages and urban areas.*

Line note 49 Prevalence of anaemia 23.0% (Hb <120 g/L women, Hb <130 g/L men); median Hb: 134 g/L.

Line note 50 Median Hb: 131 g/L.

Line note 51 Median Hb: 140 g/L.

Reference No: 2801

General Notes: *Sampling: the sample consisted of pregnant women randomly selected from all 7 districts in Masvingo province.*

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