

**RWANDA**
**Last Updated: 2007-07-17**

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	Women: Total	F	15.00- 49.99	5657	2.7								B	5781	*	1
		Men: Total	M	15.00- 59.99	4705												
		PreSAC: Total	B	0.50- 4.99	3537	8.5		56.3									
		Women by physiological status: LW	F	15.00- 49.99	3302	2.6				32.6							
		Women by physiological status: NPWLW	F	15.00- 49.99	3302	2.6				32.6							
		Women by physiological status: PW	F	15.00- 49.99	3302	2.6				32.6							
		Women by age	F	15.00- 19.99	1317	2.3											2
		Women by age	F	20.00- 24.99	1145	2.9											3
		Women by age	F	25.00- 29.99	826	2.9											4
		Women by age	F	30.00- 34.99	811	3.7											5
		Women by age	F	35.00- 39.99	536	3.1											6
		Women by age	F	40.00- 44.99	555	1.8											7
		Women by age	F	45.00- 49.99	466	2.5											8
		Women by area: Urban	F	15.00- 49.99	938	3.0											9
		Women by area: Rural	F	15.00- 49.99	4719	2.7											10
		Women by province: East	F	15.00- 49.99	1175	2.8											11
		Women by province: Kigali city	F	15.00- 49.99	547	6.7											12
		Women by province: North	F	15.00- 49.99	1020	6.3											13
		Women by province: South	F	15.00- 49.99	1518	0.5											14
		Women by province: West	F	15.00- 49.99	1397	1.1											15
		Men by age	M	15.00- 19.99	1082						34.9						
		Men by age	M	20.00- 24.99	918						24.3						
		Men by age	M	25.00- 29.99	615						24.8						
		Men by age	M	30.00- 34.99	486						23.6						
		Men by age	M	35.00- 39.99	432						27.1						
		Men by age	M	40.00- 44.99	398						27.6						
		Men by age	M	45.00- 49.99	373						32.1						
		Men by age	M	50.00- 54.99	256						35.8						
		Men by age	M	55.00- 59.99	145						35.6						
		Men by area: Urban	M	15.00- 59.99	782						26.8						
		Men by area: Rural	M	15.00- 59.99	3922						29.3						
		Men by province: East	M	15.00- 59.99	1000						37.9						
		Men by province: Kigali city	M	15.00- 59.99	476						33.8						
		Men by province: North	M	15.00- 59.99	838						29.7						
		Men by province: South	M	15.00- 59.99	1230						26.4						
		Men by province: West	M	15.00- 59.99	1161						21.1						

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						Proportion (%) of population with haemoglobin below:										General	Line	
						70	100	110	115	120	130							
N	2005	PreSAC by sex	F	0.50- 4.99	1797	8.6		55.7						B	5781			
		PreSAC by sex	M	0.50- 4.99	1741	8.5		56.9										
		PreSAC by age	B	0.50- 0.74	254	9.8		77.4										
		PreSAC by age	B	0.75- 0.99	149	9.3		67.9										
		PreSAC by age	B	1.00- 1.99	796	11.4		64.1										
		PreSAC by age	B	2.00- 2.99	898	8.2		54.8										
		PreSAC by age	B	3.00- 3.99	708	6.3		51.2										
		PreSAC by age	B	4.00- 4.99	732	7.4		44.9										
		PreSAC by area: Urban	B	0.50- 4.99	495	13.0		54.3										
		PreSAC by area: Rural	B	0.50- 4.99	3042	7.8		56.6										
		PreSAC by province: East	B	0.50- 4.99	741	13.3		59.6										
		PreSAC by province: Kigali city	B	0.50- 4.99	226	25.1		59.6										
		PreSAC by province: North	B	0.50- 4.99	729	13.9		56.2										
		PreSAC by province: South	B	0.50- 4.99	908	2.4		47.2										
		PreSAC by province: West	B	0.50- 4.99	933	2.6		59.3										
		N	1996	PW: Total	F	NS	161	0.0		10.6								
Pre-SAC: Total	B			0.00- 6.99	1478	2.8		35.5					17					
Pre-SAC by sex	F			0.00- 6.99	710	2.8		34.8										
Pre-SAC by sex	M			0.00- 6.99	771	2.9		36.4										
Pre-SAC by age	B			NS- 0.49	148	4.1		50.0										
Pre-SAC by age	B			0.50- 0.99	146	7.5		67.8										
Pre-SAC by age	B			1.00- 1.99	225	6.2		50.2										
Pre-SAC by age	B			2.00- 2.99	218	1.4		42.2										
Pre-SAC by age	B			3.00- 3.99	187	1.6		35.3										
Pre-SAC by age	B			4.00- 4.99	193	0.5		18.6										
Pre-SAC by age	B			5.00- 6.99	361	0.3		12.5										

## NOTES

### RWANDA

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**Reference No:** 5781

**General Notes:** *Sampling: Stratified (urban/rural) two-stage PPS cluster sampling (462 clusters), sample weighted for regional and national estimates, representative for urban, rural and provincial estimates; Adjusted for altitude and for smoking in women.*

**Line note 1** Prevalence of anaemia 32.8% (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 2** Prevalence of anaemia 29.0 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 3** Prevalence of anaemia 33.2 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 4** Prevalence of anaemia 32.0 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 5** Prevalence of anaemia 32.3 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 6** Prevalence of anaemia 37.0 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 7** Prevalence of anaemia 35.7 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 8** Prevalence of anaemia 36.7 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 9** Prevalence of anaemia 33.3 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 10** Prevalence of anaemia 32.7 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 11** Prevalence of anaemia 41.6 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 12** Prevalence of anaemia 45.9 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 13** Prevalence of anaemia 31.6 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 14** Prevalence of anaemia 28.0 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Line note 15** Prevalence of anaemia 26.2 (Hb<110 g/L PW, Hb<120 g/L NPW)

**Reference No:** 2558

**General Notes:** *All préfectures except Kigali-Urban.*

**Line note 16** Disaggregated data by gestational age.

**Line note 17** Disaggregated data by préfecture.

## REFERENCES

### RWANDA

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- Reference 2558** Ministère de la Santé, UNICEF, OMS. National Nutrition Survey of Women and Children in Rwanda in 1996 [final report]. Kigali, Ministère de la Santé, 1997.
- Reference 5781** Institut National de la Statistique du Rwanda (INSR), ORC Macro. Rwanda Demographic and Health Survey 2005. Calverton, Maryland, INSR and ORC Macro, 2006.

## ADDITIONAL REFERENCES

### RWANDA

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- Reference 5205 Van Geertruyden JP, Ntakirutimana D, Erhart A, Rwagacondo C, Kabano A, D'Alessandro U. Malaria infection among pregnant women attending antenatal clinics in six Rwandan districts. *Tropical Medicine & International Health*, 2005, 10 :681-688.