

**GUINEA**
**Last Updated: 2007-10-09**

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	3888	1.5								B	5726	*	1
		Pre-SAC: Total	B	0.50- 4.99	2599	6.5		75.9									
		Women by physiological status: NPNLW	F	15.00- 49.99	2251	1.2				49.6							
		Women by physiological status: PW	F	15.00- 49.99	387	3.2		69.4									
		Women by physiological status: LW	F	15.00- 49.99	1250	1.4				55.1							
		Women by age	F	15.00- 19.99	814	1.8											2
		Women by age	F	20.00- 24.99	571	2.4											3
		Women by age	F	25.00- 29.99	623	1.0											4
		Women by age	F	30.00- 34.99	545	1.1											5
		Women by age	F	35.00- 39.99	578	1.5											6
		Women by age	F	40.00- 44.99	385	1.1											7
		Women by age	F	45.00- 49.99	373	1.2											8
		Women by area: Urban	F	15.00- 49.99	1175	1.4											9
		Women by area: Rural	F	15.00- 49.99	2712	1.6											10
		Women by administrative region: Boké	F	15.00- 49.99	475	1.9											11
		Women by administrative region: Conakry	F	15.00- 49.99	541	1.5											12
		Women by administrative region: Faranah	F	15.00- 49.99	307	1.0											13
		Women by administrative region: Kankan	F	15.00- 49.99	460	1.8											14
		Women by administrative region: Kirdia	F	15.00- 49.99	560	1.3											15
		Women by administrative region: Labé	F	15.00- 49.99	376	0.3											16
		Women by administrative region: Mamou	F	15.00- 49.99	267	1.4											17
		Women by administrative region: Nzérékéné	F	15.00- 49.99	901	2.0											18
		Pre-SAC by sex	F	0.50- 4.99	1286	6.1		75.7									
		Pre-SAC by sex	M	0.50- 4.99	1313	6.9		76.2									
		Pre-SAC by age	B	0.50- 0.82	213	14.5		81.7									
		Pre-SAC by age	B	0.83- 0.99	98	8.2		79.7									
		Pre-SAC by age	B	1.00- 1.99	562	11.6		85.9									
		Pre-SAC by age	B	2.00- 2.99	560	5.4		81.2									
		Pre-SAC by age	B	3.00- 3.99	535	3.5		72.4									
		Pre-SAC by age	B	4.00- 4.99	631	2.5		62.9									
		Pre-SAC by area: Urban	B	0.50- 4.99	610	3.3		72.0									
		Pre-SAC by area: Rural	B	0.50- 4.99	1989	7.5		77.1									
		Pre-SAC by administrative region: Boké	B	0.50- 4.99	290	3.9		68.9									
		Pre-SAC by administrative region: Conakry	B	0.50- 4.99	246	1.5		67.9									
		Pre-SAC by administrative region: Faranah	B	0.50- 4.99	247	8.7		84.0									
		Pre-SAC by administrative region: Kankan	B	0.50- 4.99	415	6.1		79.1									

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						70	100	110	115	120	130							
N	2005	Pre-SAC by administrative region: Kirdia	B	0.50- 4.99	385	5.0		70.7						B	5726			
		Pre-SAC by administrative region: Labé	B	0.50- 4.99	237	3.1		61.7										
		Pre-SAC by administrative region: Mamou	B	0.50- 4.99	180	4.9		76.0										
		Pre-SAC by administrative region: Nzérékwo	B	0.50- 4.99	599	11.8		86.1										
N	2000	NPW: Total	F	NS- 49.99	1887	1.3				50.4		118	18	B	2780	*		
		PW: Total	F	NS- 48.99	291	1.7		63.2				103	17					
		Men: Total	M	18.00- 49.99	716	0.0					23.4		142	19				
		Pre-SAC:Total	B	0.50- 4.99	1446	9.3		79.0					94	18				
		SAC: Total	B	5.00- 9.99	1450	0.8			51.6				113	16				
		Adolescents: Total	B	10.00- 17.99	1443	1.0						44.6	121	18				
		NPW by age	F	NS- 17.99	62	1.6						61.3	114					
		NPW by age	F	18.00- 24.99	393	1.5						49.4	118					
		NPW by age	F	25.00- 29.99	361	0.6						50.4	118					
		NPW by age	F	30.00- 34.99	393	1.3						53.7	117					
		NPW by age	F	35.00- 39.99	338	0.9						47.6	120					
		NPW by age	F	40.00- 44.99	203	0.5						48.3	121					
		NPW by age	F	45.00- 49.99	101	3.0						47.5	119					
		Men by age	M	18.00- 24.99	125	0.0						15.2	145					
		Men by age	M	25.00- 29.99	60	0.0						28.3	143					
		Men by age	M	30.00- 34.99	80	0.0						15.0	145					
		Men by age	M	35.00- 39.99	107	0.0						21.5	142					
		Men by age	M	40.00- 44.99	100	0.0						24.0	142					
		Men by age	M	45.00- 49.99	243	0.0						29.6	138					
		Men by area: Urban	M	18.00- 49.99	229	0.0						12.2	147					
		Men by area: Rural	M	18.00- 49.99	494	0.0						29.8	137					
		Pre-SAC by sex	F	0.50- 4.99	696	7.3			78.0				96					
		Pre-SAC by sex	M	0.50- 4.99	750	10.0			79.9				94					
		Pre-SAC by age	B	0.50- 0.99	226	9.3			86.3				92					
		Pre-SAC by age	B	1.00- 1.99	363	13.5			89.8				89					
		Pre-SAC by age	B	2.00- 2.99	338	9.8			82.2				93					
		Pre-SAC by age	B	3.00- 3.99	282	5.0			73.8				99					
		Pre-SAC by age	B	4.00- 4.99	237	3.8			57.0				105					
		Pre-SAC by area: Urban	B	0.50- 4.99	509	4.9			71.5				99					
		Pre-SAC by area: Rural	B	0.50- 4.99	937	10.8			83.0				92					
		SAC by sex	F	5.00- 9.99	736	0.8				48.3			114					

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						70	100	110	115	120	130						
N	2000	SAC by sex	M	5.00- 9.99	723	0.7			54.9			112	B	2780			
		SAC by age	B	5.00- 5.99	305	1.6			62.0			109					
		SAC by age	B	6.00- 6.99	332	0.6			58.7			111					
		SAC by age	B	7.00- 7.99	345	0.0			46.4			115					
		SAC by age	B	8.00- 8.99	273	1.5			48.7			114					
		SAC by age	B	9.00- 9.99	191	0.0			36.6			118					
		Adolescents by sex	F	10.00- 17.99	732	0.7				45.6		120					
		Adolescents by sex	M	10.00- 17.99	709	1.3				43.4		122					
		Adolescents by age	B	10.00- 10.99	272	1.0				49.9		119					
		Adolescents by age	B	11.00- 11.99	169	1.2				47.3		120					
		Adolescents by age	B	12.00- 12.99	230	0.4				51.5		120					
		Adolescents by age	B	13.00- 13.99	206	1.9				41.3		121					
		Adolescents by age	B	14.00- 14.99	145	1.4				41.0		122					
		Adolescents by age	B	15.00- 15.99	123	0.0				37.9		125					
		Adolescents by age	B	16.00- 16.99	132	1.5				31.1		125					
		Adolescents by age	B	17.00- 17.99	127	0.8				37.5		124					
		L	1991 -1993	Conakry: PW: Total	F	15.00-NS	13192			10.7							
Conakry: PW by age	F			14.00- 14.99	72			45.8									
Conakry: PW by age	F			15.00- 19.99	195			30.3									
Conakry: PW by age	F			20.00- 24.99	3238			10.3									
Conakry: PW by age	F			25.00- 29.99	6892			7.3									
Conakry: PW by age	F			30.00- 34.99	2103			10.7									
Conakry: PW by age	F			36.00-NS	692			27.2									
Conakry: PW by area: Urban	F			15.00-NS	5452			2.8									
Conakry: PW by area: Suburban	F			15.00-NS	7614			15.7									
Conakry: PW by area: Rural	F			15.00-NS	126			49.2									

## NOTES

### GUINEA

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**Reference No:** 5726

**General Notes:** *Sampling: Two stage cluster sampling with probability proportional to size; Hb determination only for a sub-sampling (every other household); Adjusted for altitude.*

**Line note 1** Prevalence of anaemia 53.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 2** Prevalence of anaemia 50.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 3** Prevalence of anaemia 56.5% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 4** Prevalence of anaemia 54.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 5** Prevalence of anaemia 55.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 6** Prevalence of anaemia 52.7% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 7** Prevalence of anaemia 55.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 8** Prevalence of anaemia 47.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 9** Prevalence of anaemia 49.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 10** Prevalence of anaemia 55.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 11** Prevalence of anaemia 48.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 12** Prevalence of anaemia 54.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 13** Prevalence of anaemia 57.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 14** Prevalence of anaemia 63.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 15** Prevalence of anaemia 45.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 16** Prevalence of anaemia 42.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 17** Prevalence of anaemia 52.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Line note 18** Prevalence of anaemia 58.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

**Reference No:** 2780

**General Notes:** *Additional information provided by Helen Keller International, Guinea.*

**Reference No:** 2353

**General Notes:** *Facility based study (all hospital admissions).*

## REFERENCES

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- Reference 2780** Ministère de la Santé Publique [Guinee]. Enquête nationale sur l'anémie ferriprive en Guinée. Rapport Final: résumé. 2001.
- Reference 5726** Direction Nationale de la Statistique (DNS) (Guinée), ORC Macro. Enquête Démographique et de Santé Guinée 2005. Calverton, Maryland, DNS et ORC Macro, 2006.

## ADDITIONAL REFERENCES

### GUINEA

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