

BENIN

Last Updated: 2007-10-24

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	2001	Children by department: Ouémé Children by department: Zou	B B	0.50- 4.99 0.50- 4.99	388 469	9.6 6.4		86.2 82.6						B	3461		
L	1992 -1993	Benin City: PW	F	16.00- 42.99	435		20.7	55.4						A	2572	*	18
D	1986 P	Tori Bossito District: Postmenopausal women Tori Bossito District: Menstruating women Tori Bossito District: Men Tori Bossito District: Infants Tori Bossito District: Pre-SAC Tori Bossito District: SAC	F F M B B B	NS NS NS 0.50- 1.99 2.00- 5.99 6.00- 13.99	99 92 102 94 99 100				46.0 37.0 12.0 68.0 35.0 54.0	121 123 144 102 113 118	11 13 11 13 14 15		C	856	*	19 20 21	
D	1986 P	Avrankou District: Menstruating Women Avrankou District: Postmenopausal Women Avrankou District: Men Avrankou District: Infants Avrankou District: Pre-SAC Avrankou District: SAC	F F M B B B	NS NS NS 0.50- 1.99 2.00- 5.99 6.00- 13.99	99 103 104 100 101 100				43.0 58.0 25.0 89.0 68.0 67.0	119 122 140 97 104 112	18 16 22 12 15 18		C	864	*	22 23 24	
D	1984 -1985	Cotonou and South-Benin: 5 districts: Menstruating Cotonou and South-Benin: 5 districts: Postmenopau Cotonou and South-Benin: 5 districts: PW Cotonou and South-Benin: 5 districts: Men: Total Cotonou and South-Benin: 5 districts: SAC: Total Menstruating women by area: Urban Menstruating women by area: Rural Postmenopausal women by area: Urban Postmenopausal women by area: Rural Men by area: Urban Men by area: Rural Cotonou and South-Benin: 5 districts: Pre-SAC by a Cotonou and South-Benin: 5 districts: Pre-SAC by a Pre-SAC by age and area: Urban Pre-SAC by age and area: Rural Pre-SAC by age and area: Urban Pre-SAC by age and area: Rural	F F F M B F F F F M M B B B B B B B B B	NS NS NS NS 6.00- 13.99 NS NS NS NS NS NS NS 0.50- 1.99 2.00- 5.99 0.50- 1.99 0.50- 1.99 2.00- 5.99 2.00- 5.99	517 441 126 519 508 213 304 148 292 211 308 448 501 161 287 204 297		55.0		40.0 35.0 16.0 54.0 38.9 42.4 36.6 34.1 15.1 17.9 75.0 46.0 78.8 74.4 51.6 44.0				C	855	*	25 26 27 28 29 30 31 32 33 34 35 36 37 38	

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						Proportion (%) of population with haemoglobin below:							Mean	SD	Method	General	Line
						70	100	110	115	120	130						
D	1984 -1985	SAC by area: Urban SAC by area: Rural	B B	6.00- 13.99 6.00- 13.99	209 299					43.6 59.3			C	855		39 40	

NOTES

BENIN

Reference No: 3461

General Notes: *Adjustment for altitude.*

Line note 1 Prevalence of anaemia 64.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 2 Prevalence of anaemia 65.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 3 Prevalence of anaemia 65.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 4 Prevalence of anaemia 62.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 5 Prevalence of anaemia 66.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 6 Prevalence of anaemia 61.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 7 Prevalence of anaemia 65.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 8 Prevalence of anaemia 62.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 9 Prevalence of anaemia 68.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 10 Prevalence of anaemia 61.7% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 11 Prevalence of anaemia 62.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 12 Prevalence of anaemia 64.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 13 Prevalence of anaemia 70.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 14 Prevalence of anaemia 69.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 15 Prevalence of anaemia 58.7% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 16 Prevalence of anaemia 68.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 17 Prevalence of anaemia 55.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

Reference No: 2572

General Notes: *Facility based study (antenatal clinic), Benin City.*

Line note 18 Prevalence of (severe) anaemia: 2.8% (Hb <80 g/L)

Reference No: 856

General Notes: *Rural district.*

Line note 19 Menstruating women; mean age 31.1 yrs.

Line note 20 Postmenopausal women; mean age 61.7 yrs.

Line note 21 Mean age 44.9 yrs.

Reference No: 864

General Notes: *Rural district.*

Line note 22 Menstruating women; mean age 29.4 yrs.

Line note 23 Postmenopausal women; mean age 61.0 yrs.

Line note 24 Mean age 43.0 yrs.

Reference No: 855

General Notes: *Study in 2 urban districts Cotonou, 3 rural districts South Benin; values "total" adapted from reference No. 858.*

Line note 25 Menstruating women; mean age 30.0 yrs.

Line note 26 Postmenopausal women; mean age 60.8 yrs.

Line note 27 Values PW adapted from reference No. 858.

Line note 28 Mean age 41.6 yrs.

Line note 29 Median Hb: 123 g/L.

Line note 30 Median Hb: 122 g/L.

Line note 31 Median Hb: 125 g/L.

Line note 32 Median Hb: 124 g/L.

Line note 33 Median Hb: 147 g/L.

Line note 34 Median Hb: 144 g/L.

Line note 35 Median Hb: 101 g/L.

Line note 36 Median Hb: 101 g/L.

Line note 37 Median Hb: 101 g/L.

Line note 38 Median Hb: 112 g/L.

Line note 39 Median Hb: 121 g/L.

Line note 40 Median Hb: 117 g/L.

REFERENCES

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- Reference 2572** Ogbeide O, Wagbatsoma V, Orhue A. Anaemia in pregnancy. *East African Medical Journal*, 1994, 71 :672-673.
- Reference 3461** Institut National de la Statistique et de l'Analyse Économique, ORC Macro. Enquête Démographique et de Santé au Bénin 2001. Calverton, Maryland, USA, Institut National de la Statistique et de l'Analyse Économique et ORC Macro, 2002.

ADDITIONAL REFERENCES

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