

VANUATU
Last Updated: 2005-11-14

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	1996	Women: Total	F	15.00- 49.99	2116									D	3196	*	1
		Women by physiological status: NPNLW: Total	F	15.00- 49.99	1056					50.8							
		Women by physiological status: PW: Total	F	15.00- 49.99	234			57.3									2
		Women by physiological status: LW: Total	F	15.00- 49.99	629					59.6							
		Women by age	F	15.00- 25.99	888												3
		Women by age	F	26.00- 35.99	667												4
		Women by age	F	36.00- 49.99	364												5
		Women by province: Torba	F	15.00- 49.99	122												6
		Women by province: Sanma	F	15.00- 49.99	299												7
		Women by province: Penama	F	15.00- 49.99	499												8
		Women by province: Malampa	F	15.00- 49.99	476												9
		Women by province: Shefa	F	15.00- 49.99	325												10
		Women by province: Tafea	F	15.00- 49.99	198												11
		Women by area: Urban	F	15.00- 49.99	251												12
		Women by area: Rural	F	15.00- 49.99	1865												13
		NPNLW by age	F	15.00- 25.99	491					52.3							
		NPNLW by age	F	26.00- 35.99	289					50.9							
		NPNLW by age	F	36.00- 49.99	276					47.8							
		NPNLW by province: Torba	F	15.00- 49.99	74					47.3							
		NPNLW by province: Sanma	F	15.00- 49.99	157					50.3							
		NPNLW by province: Penama	F	15.00- 49.99	283					59.7							
		NPNLW by province: Malampa	F	15.00- 49.99	267					54.3							
		NPNLW by province: Shefa	F	15.00- 49.99	189					36.5							
		NPNLW by province: Tafea	F	15.00- 49.99	86					46.5							
		NPNLW by area: Urban	F	15.00- 49.99	169					34.3							14
		NPNLW by area: Rural	F	15.00- 49.99	958					52.9							15
		PW by age	F	15.00- 25.99	134			55.2									
		PW by age	F	26.00- 35.99	81			61.7									
		PW by age	F	36.00- 49.99	19			52.6									
		PW by area: Urban	F	15.00- 49.99	26			38.5									16
		PW by area: Rural	F	15.00- 49.99	235			57.9									17
		LW by age	F	15.00- 25.99	263					63.9							
		LW by age	F	26.00- 35.99	297					56.2							
		LW by age	F	36.00- 49.99	69					58.0							
		LW by province: Torba	F	15.00- 49.99	35					71.4							
		LW by province: Sanma	F	15.00- 49.99	122					57.4							

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						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
N	1996	LW by province: Penama	F	15.00- 49.99	145					68.3			D	3196			
		LW by province: Malampa	F	15.00- 49.99	162					69.1							
		LW by province: Shefa	F	15.00- 49.99	90					40.0							
		LW by province: Tafea	F	15.00- 49.99	75					42.7							
		LW by area: Urban	F	15.00- 49.99	56					33.9						18	
		LW by area: Rural	F	15.00- 49.99	672					58.5						19	
R	1985	NPW: Total	F	21.00-NS	572					10.1			A	1786	*		
		PW: Total	F	21.00-NS	44												
		Men: Total	M	21.00-NS	720			15.9									
		NPW by area: Urban	F	21.00-NS	176					7.2	140						
		NPW by area: Semi-rural	F	21.00-NS	189					11.7	138						
		NPW by area: Rural	F	21.00-NS	207					11.2	133						
		PW by area: Urban	F	21.00-NS	14						126						
		PW by area: Semi-rural	F	21.00-NS	6				7.1		126						
		PW by area: Rural	F	21.00-NS	24						121						
		Men by area: Urban	M	21.00-NS	403						1.4	158					
		Men by area: Semi-rural	M	21.00-NS	154						4.5	153					
		Men by area: Rural	M	21.00-NS	163						15.3	144					
		L	1982 -1984	Port Vila: PW	F	16.00-NS	1135			41.5							

NOTES

VANUATU

Reference No: 3196

General Notes: *Method: portable BMS haemoglobinometer which allowed readings at increment of 0.5 g/dL only; sampling: two-stage design, villages were selected randomly and proportional to population, 2122 women of child-bearing age from 11 urban and 57 rural clusters were included; adjustment for Hb method; inclusion only of women with known ages in the analysis (n=1919).*

Line note 1 Prevalence of anaemia 53.1% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW); both women with known and with unknown ages included.

Line note 2 Disaggregated data by province.

Line note 3 Prevalence of anaemia 56.2% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 4 Prevalence of anaemia 54.7% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 5 Prevalence of anaemia 50.0% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 6 Prevalence of anaemia 57.4% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 7 Prevalence of anaemia 52.2% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 8 Prevalence of anaemia 62.5% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 9 Prevalence of anaemia 59.2% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 10 Prevalence of anaemia 36.6% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 11 Prevalence of anaemia 40.4% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW).

Line note 12 Prevalence of anaemia 34.7% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW); both women with known and with unknown ages included.

Line note 13 Prevalence of anaemia 55.5% (Hb <110 g/L PW, Hb <120 g/L NPNLW, LW); both women with known and with unknown ages included.

Line note 14 Both women with known and with unknown ages included.

Line note 15 Both women with known and with unknown ages included.

Line note 16 Both women with known and with unknown ages included.

Line note 17 Both women with known and with unknown ages included.

Line note 18 Both women with known and with unknown ages included.

Line note 19 Both women with known and with unknown ages included.

Reference No: 1786

General Notes: *Part of the noncommunicable diseases survey; 3 regions: urban (Port Vila civil servants), semirural (Island of Ngua), rural (villages Middle Bush Tanna); adjustment for age.*

Reference No: 3163

General Notes: *Facility based study (first antenatal visit in clinic); inclusion only of women with singleton surviving infants.*

REFERENCES

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- Reference 1786** Jalaludin B, Taylor R, Levy S, Montaville B, Gee K. Prevalence of anaemia and iron deficiency at different levels of urbanization in Vanuatu. *Papua and New Guinea Medical Journal*, 1992, 35 :128-136.
- Reference 3163** Burrows RF. Maternal characteristics and their influences on birth weight in a Melanesian population. *Asia-Oceania Journal of Obstetrics and Gynaecology*, 1988, 14 :1-5.
- Reference 3196** Harvey P, Carlot M, Menere R. Report of the second national nutrition survey 1996. Port Vila, Department of Health, 1998.

ADDITIONAL REFERENCES

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- Reference 1608 Vanuatu Ministry of Health. Vanuatu Dietary Study 1985. 1993.
- Reference 1787 Bowden DK, Hill AVS, Higgs DR, Weatherall DJ. Relative roles of genetic factors dietary deficiency, and infection in anaemia in Vanuatu, South-West Pacific. *Lancet*, 1985, 2 :1025-1029.
- Reference 3189 FAO. ESN - nutrition country profile - Vanuatu. Rome, Food and Agriculture Organization, 1990.
- Reference 4047 FAO. FAO - nutrition country profiles - Vanuatu. Rome, Food and Agriculture Organization, 2003.