

VIET NAM

Last Updated: 2006-02-14

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	2000 -2001	NPW: Total	F	15.00- 49.99	7135					24.3	127	14	B	3408	*		
		PW: Total	F	NS	2744			32.2			115	14					
		Men: Total	M	NS	3230						148	15					
		Pre-SAC: Total	B	0.00- 4.99	7024			34.1			113	15					
		NPW by area: Urban	F	15.00- 49.99	1492					16.8							
		NPW by area: Rural	F	15.00- 49.99	5643					26.3							
		NPW by region: North Mountainous	F	15.00- 49.99	1061					29.0							
		NPW by region: Red River Delta	F	15.00- 49.99	1204					15.2							
		NPW by region: North Central	F	15.00- 49.99	1011					25.7							
		NPW by region: South Central	F	15.00- 49.99	1000					29.7							
		NPW by region: Central Higlands	F	15.00- 49.99	1030					29.3							
		NPW by region: South East	F	15.00- 49.99	949					26.3							
		NPW by region: Mekong River Delta	F	15.00- 49.99	880					28.1							
		PW by area: Urban	F	NS	600			26.4									
		PW by area: Rural	F	NS	2144			33.8									
		PW by region: North Mountainous	F	NS	340			33.2									
		PW by region: Red River Delta	F	NS	435			23.7									
		PW by region: North Central	F	NS	395			34.9									
		PW by region: South Central	F	NS	376			38.3									
		PW by region: Central Higlands	F	NS	407			30.7									
		PW by region: South East	F	NS	379			34.3									
		PW by region: Mekong River Delta	F	NS	412			36.9									
		Men by area: Urban	M	NS	NS					5.1							
		Men by area: Rural	M	NS	NS					10.7							
		Men by region: North Mountainous	M	NS	398					20.1							
		Men by region: Red River Delta	M	NS	942					5.1							
		Men by region: North Central	M	NS	400					7.5							
		Men by region: South Central	M	NS	364					12.6							
		Men by region: Central Higlands	M	NS	397					11.1							
		Men by region: South East	M	NS	388					7.0							
		Men by region: Mekong River Delta	M	NS	341					15.3							
		Pre-SAC by area: Urban	B	0.00- 4.99	NS			26.5									
		Pre-SAC by area: Rural	B	0.00- 4.99	NS			36.1									
		Pre-SAC by region: North Mountainous	B	0.00- 4.99	993			37.7									
		Pre-SAC by region: Red River Delta	B	0.00- 4.99	1185			23.7									
		Pre-SAC by region: North Central	B	0.00- 4.99	1010			40.6									

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						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
N	2000 -2001	Pre-SAC by region: South Central	B	0.00- 4.99	968			33.2						B	3408		
		Pre-SAC by region: Central Highlands	B	0.00- 4.99	1030			45.1									
		Pre-SAC by region: South East	B	0.00- 4.99	949			43.4									
		Pre-SAC by region: Mekong R. Delta	B	0.00- 4.99	889			35.2									
		Pre-SAC by age	B	0.00- 0.99	1539			59.9									
		Pre-SAC by age	B	1.00- 1.99	1739			45.8									
		Pre-SAC by age	B	2.00- 2.99	1442			22.7									
		Pre-SAC by age	B	3.00- 3.99	1208			18.3									
		Pre-SAC by age	B	4.00- 4.99	1096			15.0									
		D	1999	First District: SAC	F	7.00- 9.99	136										D
Binh Chanh District: SAC	F			7.00- 9.99	148											2	
DR	1997	Bac Ninh: Infants	B	0.42- 1.07	270			82.6					A	3839	*	3	
L	1996 -1997	Chi Lang Bac: Children	B	0.50- 2.07	163			45.4					A	2683	*	4	
N	1995	NPW	F	NS	NS					42.8			NS	4921	*		
		PW	F	NS	NS			52.5									
		Men	M	NS	NS					28.3							
		Children	B	0.50- 5.99	NS			46.6									

NOTES

VIET NAM

Reference No: 3408

General Notes: *Survey covers 7 of 8 ecological regions of the country; men are fathers of children surveyed; PW selected from Commune Health Center register book.*

Reference No: 4395

General Notes: *Cross-sectional study in a rural (Binh Chanh District) and an urban district (First District); facility based study (3 and 2 primary schools in Binh Chanh District and in First District respectively); method: Cell Dyn 3200; sampling: multistage random selection (1. urban/rural districts; 2. primary schools; 3. girls aged 7-9 yrs, n=351); exclusion of 67 subjects with urethrorectalostoma disease, urinary tract infection, history of hepatitis or worm infestation.*

Line note 1 Prevalence of anaemia 2.0% (Hb <7.13 mmol/L); mean (SD) Hb 8.4 (0.6) mmol/L.

Line note 2 Prevalence of anaemia 3.7% (Hb <7.13 mmol/L); mean (SD) Hb 8.1 (0.6) mmol/L.

Reference No: 3839

General Notes: *Study in four communities comprising 19 villages in the rural District of Bac Ninh; baseline values of intervention study; sampling: design not explained, n=280 enrolled (10 children did not complete the study); inclusion only of subjects with Hb >=70 g/L, with no clinical illnesses and having had no iron supplements.*

Line note 3 Prevalence value calculated; disaggregated data by intervention.

Reference No: 2683

General Notes: *Study in Chi Lang Bac commune, Thanh Mien District, Hai Duong Province; sampling: a list of all village children (n=248) aged 6-24 months was obtained from the health center; exclusion of subjects (n=80) having an infectious disease or a birth weight <2.5 kg; baseline values of intervention study.*

Line note 4 Prevalence value calculated; disaggregated data by age, intervention.

Reference No: 4921

General Notes: *Sampling: multistage cluster sampling in 7 major ecological zones with probability proportionate to size; approximately ten thousand households and thirty thousand individuals surveyed.*

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