

KYRGYZSTAN

Last Updated: 2006-02-14

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	1997	Women: Total	F	15.00- 49.99	3767	1.4													
		Pre-SAC: Total	B	NS- 2.99	1021	1.4		49.8						2295	*				1
		Women by age	F	15.00- 19.99	720	0.7													2
		Women by age	F	20.00- 24.99	642	0.8													3
		Women by age	F	25.00- 29.99	525	1.3													4
		Women by age	F	30.00- 34.99	618	2.7													5
		Women by age	F	35.00- 39.99	566	1.0													6
		Women by age	F	40.00- 44.99	396	2.2													7
		Women by age	F	45.00- 49.99	300	1.5													8
		Women by area: Urban	F	15.00- 49.99	1250	0.6													9
		Women by area: Rural	F	15.00- 49.99	2517	1.8													10
		Women by region: Bishkek City	F	15.00- 49.99	500	0.6													11
		Women by region: North	F	15.00- 49.99	1157	1.4													12
		Women by region: East	F	15.00- 49.99	211	0.5													13
		Women by region: South	F	15.00- 49.99	1898	1.7													14
		Pre-SAC by sex	F	NS- 2.99	510	0.7		46.6											15
		Pre-SAC by sex	M	NS- 2.99	511	2.1		53.1											
		Pre-SAC by area: Urban	B	NS- 2.99	227	2.2		38.5											
		Pre-SAC by area: Rural	B	NS- 2.99	793	1.2		53.1											
		Pre-SAC by region: Bishkek City	B	NS- 2.99	69	0.8		31.3											
		Pre-SAC by region: North	B	NS- 2.99	284	2.1		52.0											
		Pre-SAC by region: East	B	NS- 2.99	69	3.6		48.5											
		Pre-SAC by region: South	B	NS- 2.99	599	0.9		51.1											

NOTES

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General Notes: *Four survey regions were defined: Bishkek City, North Region (Issyk-Kul'skaya, Chuiskaya, Talasskaya), East Region (Narynskaya), South Region (Oshskaya, Dzhelal-Abadskaya); sampling: three-stage sampling process (rural areas: 1. raion,; 2. villages; 3. households; urban areas: 1. uchastoks; 2. segments; 3. households), in each selected household all women aged 15-49 yrs were eligible; women are mothers of the children; sample not representative for the children; adjustment for altitude (altitude varies between 488m and >3000m)*

Line note 1 Prevalence of anaemia 38.0% (Hb <110 g/L PW, Hb <120 g/L NPW); disaggregated data by education, ethnicity.

Line note 2 Disaggregated data by education of mother, ethnicity.

Line note 3 Prevalence of anaemia 31.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 4 Prevalence of anaemia 34.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 5 Prevalence of anaemia 37.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 6 Prevalence of anaemia 44.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 7 Prevalence of anaemia 41.5% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 8 Prevalence of anaemia 39.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 9 Prevalence of anaemia 43.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 10 Prevalence of anaemia 31.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 11 Prevalence of anaemia 41.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 12 Prevalence of anaemia 29.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 13 Prevalence of anaemia 36.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 14 Prevalence of anaemia 30.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 15 Prevalence of anaemia 42.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

REFERENCES

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- Reference 2295** Research Institute of Obstetrics and Pediatrics [Kyrgyz Republic], Ministry of Health [Kyrgyz Republic], Macro International Inc. Kyrgyz Republic Demographic and Health Survey, 1997. Calverton, MD, Research Institute of Obstetrics and Pediatrics (Kyrgyz Republic), Ministry of Health (Kyrgyz Republic), Macro International Inc, 1998.

ADDITIONAL REFERENCES

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- Reference 2614 Turobbaev MV, Osechinski IV, Kubantseva IV, Eremenko LL, Chubarova TG. Dependence of hemoglobin and iron reserve parameters on the environmental conditions in the Osha Region, Kirghizian SSR [in Russian]. *Gematologija i Transfuziologija*, 1989, 34 :41-46.
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