

TURKEY

Last Updated: 2007-05-28

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								
S	2002 p	Kahramanmaras: All: Total	B	2.00- 69.99	1491									D	3518	*	1		
		Kahramanmaras: Pre-SAC	B	2.00- 5.99	84	1.2												2	
		Kahramanmaras: SAC	B	6.00- 12.99	295	0.0												3	
		Kahramanmaras: Adolescents by sex	F	13.00- 18.99	154	2.0													
		Kahramanmaras: Adolescents by sex	M	13.00- 18.99	116	0.0					20.1								4
		Kahramanmaras: Adults by sex and age	F	19.00- 40.99	439	3.2					40.1								
		Kahramanmaras: Adults by sex and age	M	19.00- 40.99	180	0.0													
		Kahramanmaras: Adults by sex and age	F	41.00-NS	136	0.0					25.7								5
		Kahramanmaras: Adults by sex and age	M	41.00-NS	87	0.0													6
D	1995 p	Doğankent: All: Total	B	0.00- 88.99	1223									C	2516	*	7		
		Doğankent: Pre-SAC	B	0.00- 2.99	NS													8	
		Doğankent: SAC	B	3.00- 14.99	NS													9	
		Doğankent: Women	F	15.00-NS	NS													10	
		Doğankent: Men	M	15.00-NS	NS													11	

NOTES

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Reference No: 3518

General Notes: *Study in all of the nine districts in the Province of Kahramanmaras, southeast Anatolia with a population of one million, 45.6% living in rural area; method: Cell Dyne 1700; sampling: design not explained; inclusion only of apparently healthy school children, university personnel and students and the people in the regions who applied to the regional health centres in response to an announcement of the survey by the local town-hall authorities; Hb cut-off levels both sexes 2-5 yrs, both sexes 12 yrs, males 13-14 yrs, males >18 yrs not according to WHO recommendations (please see 'Key to the data tables'); values for other Hb cut-off levels.*

Line note 1 Prevalence of anaemia 24.3% (Hb <105 g/L both sexes 2-5 yrs, Hb <115 g/L both sexes 6-12 yrs, Hb <120 g/L females 12-45 yrs, Hb <130 g/L males 12-18 yrs, Hb <135 g/L males 18-45 yrs); prevalence of iron deficiency anaemia 13.1% (Hb cut-off levels+serum ferritin <=16 µg/L); mean (SD) age 23.3 (16.8) yrs.

Line note 2 Prevalence of anaemia 34.5% (Hb <105 g/L); prevalence of iron deficiency anaemia 15.5% (Hb <105 g/L+serum ferritin <=16 µg/L).

Line note 3 Prevalence of iron deficiency anaemia 12.5% (Hb <115 g/L+serum ferritin <=16 µg/L).

Line note 4 Prevalence of iron deficiency anaemia 1.7% (Hb <130 g/L+serum ferritin <=16 µg/L).

Line note 5 Prevalence of iron deficiency anaemia 8.8% (Hb <120 g/L+serum ferritin <=16 µg/L).

Line note 6 Prevalence of iron deficiency anaemia 2.3% (Hb <135 g/L+serum ferritin <=16 µg/L).

Reference No: 2516

General Notes: *Study in the Doğankent Health, Education and Research Region, southern Turkey (rural area with population of 45 000); sampling: 16 villages or town districts stratified according to their ethnic characteristics, subjects (representing the population with respect to age and sex) chosen using random sampling; Hb cut-off levels 0-2 yrs, 6-14 yrs not according to WHO recommendations (please see 'Key to the data tables').*

Line note 7 608 males+615 males; prevalence of anaemia 16.9% (Hb <100 g/L 0-2 yrs, Hb <110 g/L 3-14 yrs, Hb <120 g/L females >14 yrs, Hb <130 g/L males >14 yrs); prevalence of iron deficiency 17.2% (transferrin saturation <16%); mean (SD) age 24.7 (18.5) yrs.

Line note 8 Prevalence of anaemia 12.9% (Hb <100 g/L); prevalence of iron deficiency 48.0% (transferrin saturation <16%).

Line note 9 Prevalence of anaemia 18.3% (Hb <110 g/L); prevalence of iron deficiency 19.6% (transferrin saturation <16%).

Line note 10 Prevalence of anaemia 14.8% (Hb <120 g/L); prevalence of iron deficiency 8.7% (transferrin saturation <16%).

Line note 11 Prevalence of anaemia 17.7% (Hb <130 g/L); prevalence of iron deficiency 17.0% (transferrin saturation <16%).

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