

JORDAN
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							
L	2003	Irbid: PW	F	15.00- 49.99	200			42.0						A	5045	*		
N	2002	Women: Total	F	15.00- 49.99	2900	0.3								B	3389	*	1	
		Children: Total	B	0.50- 4.99	1503	0.2		34.2										
		Women by physiological status: NPNLW	F	15.00- 49.99	1236	0.2				28.2								
		Women by physiological status: PW	F	15.00- 49.99	228	0.1			37.0									
		Women by physiological status: LW	F	15.00- 49.99	386	0.0				27.4								
		Women by age	F	15.00- 19.99	632	0.3												2
		Women by age	F	20.00- 24.99	484	0.0												3
		Women by age	F	25.00- 29.99	515	0.0												4
		Women by age	F	30.00- 34.99	467	1.0												5
		Women by age	F	35.00- 39.99	358	0.2												6
		Women by age	F	40.00- 44.99	261	0.4												7
		Women by age	F	45.00- 49.99	183	0.0												8
		Women by area: Urban	F	15.00- 49.99	2255	0.1												9
		Women by area: Rural	F	15.00- 49.99	645	0.8												10
		Women by region: Central	F	15.00- 49.99	1870	0.2												11
		Women by region: North	F	15.00- 49.99	768	0.4												12
		Women by region: South	F	15.00- 49.99	262	0.2												13
		Children by sex	F	0.50- 4.99	715	0.3			30.8									
		Children by sex	M	0.50- 4.99	788	0.2			37.3									
		Children by age	B	0.50- 0.82	152	0.4			47.2									
		Children by age	B	0.83- 0.99	71	0.0			64.5									
		Children by age	B	1.00- 1.99	326	0.6			51.0									
		Children by age	B	2.00- 2.99	349	0.0			31.2									
Children by age	B	3.00- 3.99	284	0.2			22.2											
Children by age	B	4.00- 4.99	321	0.1			18.1											
Children by area: Urban	B	0.50- 4.99	1139	0.1			32.4											
Children by area: Rural	B	0.50- 4.99	364	0.5			39.9											
Children by region: Central	B	0.50- 4.99	968	0.3			34.5											
Children by region: North	B	0.50- 4.99	398	0.0			34.0											
Children by region: South	B	0.50- 4.99	137	0.2			33.1											
N	2002	Women: Total	F	15.00- 49.99	1411					123			D	4382	*	14		
		Pre-SAC: Total	B	1.00- 4.99	1070			20.1		117							15	
		Women by physiological status: NPW	F	15.00- 49.99	1303					29.3	124						16	

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						Proportion (%) of population with haemoglobin below:							Mean	SD	Method	General	Line
						70	100	110	115	120	130						
N	2002	Women by physiological status: PW	F	15.00- 49.99	108			42.3				113		D	4382		17
		Children by sex	F	1.00- 4.99	531			18.1				117					18
		Children by sex	M	1.00- 4.99	529			22.1				117					19
		Children by age	B	1.00- 1.99	245			34.4				112					20
		Children by age	B	2.00- 2.99	258			23.3				117					21
		Children by age	B	3.00- 3.99	281			13.2				119					22
		Children by area: Urban	B	1.00- 4.99	695			19.4				117					23
		Children by age	B	4.00- 4.99	276			10.6				120					24
		Children by area: Rural	B	1.00- 4.99	366			22.4				116					25
		Children by region: North	B	1.00- 4.99	316			30.0				114					26
		Children by region: Middle	B	1.00- 4.99	464			14.9				119					27
		Children by region: South	B	1.00- 4.99	281			23.4				117					28
		D	1999P	North-eastern Badia: SAC	B	6.00- 15.99	1020								C	3563	*
L	1997	Belqa'a Governorate: NPW	F	18.00- 49.99	245					40.4			NS	4094	*		

NOTES

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Reference No: 5045

General Notes: *Facility based study (Princess Bade'a Hospital and private clinics) in Irbid, North Jordan; sampling: random selection; Hb determination for all subjects during first, second and third trimester; dates and place of survey, age range and Hb determination method provided by investigator.*

Reference No: 3389

General Notes: *Adjustment for altitude; data disaggregated by physiological status only for subsample of 'ever-married' women.*

Line note 1 Prevalence of anaemia 26.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 2 Prevalence of anaemia 20.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 3 Prevalence of anaemia 26.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 4 Prevalence of anaemia 25.4% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 5 Prevalence of anaemia 28.8% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 6 Prevalence of anaemia 27.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 7 Prevalence of anaemia 31.9% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 8 Prevalence of anaemia 33.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 9 Prevalence of anaemia 25.6% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 10 Prevalence of anaemia 28.7% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 11 Prevalence of anaemia 25.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 12 Prevalence of anaemia 29.2% (Hb <110 g/L PW, Hb <120 g/L NPW).

Line note 13 Prevalence of anaemia 27.0% (Hb <110 g/L PW, Hb <120 g/L NPW).

Reference No: 4382

General Notes: *Method: cell counter; sampling: multistage cluster sampling technique (1. 166 out of 10 000 blocks with 80 households in each block were randomly selected; 2. 6 households from 166 blocks were selected); Hb determination for sub-sample who agreed to give blood samples (85.3% of the 1253 eligible participating children, sample size for women not consistent within report).*

Line note 14 Prevalence of anaemia 32.2% (Hb <110 g/L PW, Hb <120 g/L NPW, prevalence of iron deficiency anaemia 22.5% (Hb <110 g/L PW, Hb <120 g/L NPW+serum ferritin <15 µg/L); prevalence of iron deficiency 40.6% (serum ferritin <15 µg/L); median Hb: 125 g/L; 95% CI: 29.5%, 35.1%; disaggregated data by age, area, region, marital status, governorate, education, family income, breastfeeding.

Line note 15 Prevalence of iron deficiency anaemia 10.1% (Hb <110 g/L+serum ferritin <12 µg/L; n=1061); prevalence of iron deficiency 26.1% (serum ferritin <12 µg/L; n=1066); median Hb: 118 g/L; 95% CI: 17.1%, 23.1%; disaggregated data by governorate, breastfeeding.

Line note 16 Prevalence of iron deficiency anaemia 20.0% (Hb <120 g/L+serum ferritin <15 µg/L); prevalence of iron deficiency 38.7% (serum ferritin <15 µg/L).

Line note 17 Prevalence of iron deficiency anaemia 33.0% (Hb <110 g/L+serum ferritin <15 µg/L); prevalence of iron deficiency 61.9% (serum ferritin <15 µg/L).

Line note 18 Prevalence of iron deficiency anaemia 9.6% (Hb <110 g/L+serum ferritin <12 µg/L; n=525); prevalence of iron deficiency 23.3% (serum ferritin <12 µg/L; n=526); median Hb: 118 g/L; 95% CI: 14.0%, 22.3%.

Line note 19 Prevalence of iron deficiency anaemia 10.6% (Hb <110 g/L+serum ferritin <12 µg/L; n=526); prevalence of iron deficiency 29.1% (serum ferritin <12 µg/L; n=530); median Hb: 118 g/L; 95% CI: 17.9%, 26.3%.

Line note 20 Prevalence of iron deficiency anaemia 21.3% (Hb <110 g/L+serum ferritin <12 µg/L; n=243); prevalence of iron deficiency 45.9% (serum ferritin <12 µg/L; n=246); median Hb: 113 g/L; 95% CI: 27.5%, 41.2%.

Line note 21 Prevalence of iron deficiency anaemia 10.8% (Hb <110 g/L+serum ferritin <12 µg/L; n=256); prevalence of iron deficiency 26.8% (serum ferritin <12 µg/L; n=257); median Hb: 118 g/L; 95% CI: 17.2%, 29.3%.

- Line note 22** Prevalence of iron deficiency anaemia 3.8% (Hb <110 g/L+serum ferritin <12 µg/L; n=279); prevalence of iron deficiency 16.7% (serum ferritin <12 µg/L; n=279); median Hb: 120 g/L; 95% CI: 9.5%, 16.9%.
- Line note 23** Prevalence of iron deficiency anaemia 9.9% (Hb <110 g/L+serum ferritin <12 µg/L; n=688); prevalence of iron deficiency 22.6% (serum ferritin <12 µg/L; n=692); median Hb: 118 g/L; 5% CI: 16.0%, 22.9%.
- Line note 24** Prevalence of iron deficiency anaemia 5.1% (Hb <110 g/L+serum ferritin <12 µg/L; n=273); prevalence of iron deficiency 16.2% (serum ferritin <12 µg/L; n=274); median Hb: 121 g/L; 95% CI: 6.2%, 14.9%.
- Line note 25** Prevalence of iron deficiency anaemia 10.6% (Hb <110 g/L+serum ferritin <12 µg/L; n=364); prevalence of iron deficiency 24.7% (serum ferritin <12 µg/L; n=365); median Hb: 118 g/L; 95% CI: 16.6%, 28.2%.
- Line note 26** Prevalence of iron deficiency anaemia 13.6% (Hb <110 g/L+serum ferritin <12 µg/L; n=314); prevalence of iron deficiency 25.9% (serum ferritin <12 µg/L; n=315); median Hb: 114 g/L; 95% CI: 24.1%, 35.9%.
- Line note 27** Prevalence of iron deficiency anaemia 8.2% (Hb <110 g/L+serum ferritin <12 µg/L; n=458); prevalence of iron deficiency 27.1% (serum ferritin <12 µg/L; n=461); median Hb: 120 g/L; 95% CI: 11.4%, 18.3%.
- Line note 28** Prevalence of iron deficiency anaemia 11.2% (Hb <110 g/L+serum ferritin <12 µg/L; n=280); prevalence of iron deficiency 22.1% (serum ferritin <12 µg/L; n=281); median Hb: 119 g/L; 95% CI: 15.1%, 31.8%.

Reference No: 3563

General Notes: *Facility based study (29 schools) serving 32 villages between the towns of Al-Mafraq and Al-Safawi in north-eastern Badia; sampling: random selection of 5-10 non-related pupils from each class in grades 1-9; no Hb data.*

Line note 29 Prevalence of iron deficiency anaemia 5.3% (mean corpuscular volume <80.4 fL).

Reference No: 4094

General Notes: *Sampling: proportional random sampling from residential blocks surrounding the comprehensive health center in a town in the Belqa'a Governorate; exclusion of pregnant or single women; Hb determination only for subsample (245 out of 317).*

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