

Table 3 Categorization of vulnerable refugees according to nutritional biomarker levels

Variables	All		Children		Girls	Adult women	
	No.	%	< 5 years %	5-< 10 years %	10-17 years %	18-45 years %	> 45 years %
Vitamin A status, SRC $\mu\text{g/L}$ (n = 124)							
< 200 (deficient)	26	21.0	28.9	27.6	ND	12.1	5.9
200-< 300 (borderline)	61	49.2	55.6	62.1	ND	36.4	35.3
300+ (normal)	37	29.8	15.6	10.3	ND	51.5	58.8
Vitamin E status, STC mg/L (n = 123)							
< 5 (deficient)	15	12.2	11.4	13.8	ND	6.1	17.6
5-< 10 (borderline)	94	76.4	88.6	86.2	ND	66.7	52.9
10+ (normal)	14	11.4	0.0	0.0	ND	27.3	29.4
Haemoglobin status, Hb g/L (n = 737)							
< 120 (anaemic)	414	56.2	74.6	63.1	45.4	50.6	46.8
120+ (normal)	323	43.8	25.4	36.8	54.5	49.4	53.2
Iron status (ferritin indicator) SFC $\mu\text{g/L}$ (n = 119)							
< 10 (deficient)	61	51.3	50.0	64.3	ND	43.8	47.1
10-< 15 (borderline)	19	16.0	16.7	28.6	ND	6.3	11.8
15+ (normal)	39	32.8	33.3	7.1	ND	50.9	41.1
Iron status, (MCHC index) g/dL (n = 737)							
\leq 30 (deficient)	304	41.2	44.3	40.4	30.0	48.1	38.3
> 30 (normal)	433	58.8	55.7	59.6	70.0	51.9	61.7

SRC = serum retinol concentration; ND = not done; STC = serum α -tocopherol concentration; Hb = haemoglobin concentration; SFC = serum ferritin concentration; MCHC = mean corpuscular haemoglobin concentration.