

PORTUGAL

Last Updated: 2005-08-12

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						
L	1995	Braga: Infants	B	0.75- 0.82	188			42.0				112	9	C	4095	*	1
L	1988 -1989	Vila Franca de Xira: Elderly: Total Vila Franca de Xira: Elderly by sex Vila Franca de Xira: Elderly by sex	B F M	70.00- 75.99 70.00- 75.99 70.00- 75.99	206 105 101					5.7 6.9		137 151	13 14	C	3342	*	2

NOTES

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Reference No: 4095

General Notes: *Facility based study (Hospital de São Marcos); sampling: the first 250 newborns born consecutively in the hospital from September to October 1994 were selected, at the age of 9 months they were asked to participate, 220 infants came for a consultation and 188 accepted to participate; inclusion only of subjects who were born at term, were Caucasian and who had a normal birth weight.*

Line note 1 Prevalence of iron deficiency anaemia 19.7% (Hb <110 g/L+serum ferritin <12 µg/L).

Reference No: 3342

General Notes: *Euronut SENECA study (Survey in Europe on Nutrition and the Elderly, a Concerted Action) conducted in 19 towns (these were chosen for having a stable population of 10 000 to 20 000 and a socioeconomic structure comparable to that of the region or the country as a whole) situated in 12 European countries; sampling: random sample stratified by sex and age, 222 out of 357 selected subjects were enrolled; inclusion only of elderly subjects born in 1913-1918; participation in blood sampling was not mandatory; Hb determination only for subsample; values for other Hb cut-off levels.*

Line note 2 Prevalence value calculated; prevalence of anaemia 6.3% (Hb <120 g/L females, Hb <130 g/L males).

REFERENCES

PORTUGAL

- Reference 3342** Dirren H, Decarli B, Lesourd B, Schlienger JL, Deslypere JP, Kiepurski A, Euronut SENECA investigators. Nutritional status: haematology and albumin. *European Journal of Clinical Nutrition*, 1991, 45 (Suppl 3):43-52.
- Reference 4095** Antunes H, Costa-Pereira A, Cunha I, Raposo T, Garcia M, Beirao I. Prevalência de anemia por deficiência de ferro de acordo com o tipo de alimentação do lactente [Variation of iron deficiency anemia prevalence according to infants feeding regime]. *Acta Medica Portuguesa*, 2002, 15 :193-197.

ADDITIONAL REFERENCES

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- Reference 3271 Santos NT, Cabral I, Barreira M, Simões MAS. Malnutrição, anemias carenciais: anemia ferripriva numa população hospitalar infantil [Malnutrition, anaemias: iron deficient anaemia in a hospitalized infant population]. *Revista Portuguesa de Pediatria*, 1978, 9 :1-17.
- Reference 4664 Antunes H, Sá C, Nogueiras A, Gonçalves C, Cleto P, Moura-Vieira A, Mota-Garcia F, Alves A, Lemos D. First study of iron deficiency anaemia in Portuguese adolescent girls [abstract]. *Journal of Pediatric Gastroenterology and Nutrition*, 2000, 31 (Suppl 2):S239.