

**UNITED ARAB EMIRATES (THE)**

Last Updated: 2005-11-28

| 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 |           |       |    |        |         |      |
| N     | 1994       | SAC: Total                       | B   | 6.00- 6.99  | 11802       |  |     |      |     | 31.0 |     |           | 2270  | *  |        |         |      |
|       |            | SAC by sex                       | F   | 6.00- 6.99  | 5803        |  |     |      |     | 28.6 |     |           |       |    |        |         |      |
|       |            | SAC by sex                       | M   | 6.00- 6.99  | 5999        |  |     |      |     | 33.3 |     |           |       |    |        |         |      |
|       |            | SAC by nationality: Emirates     | B   | 6.00- 6.99  | 7453        |  |     |      |     | 33.3 |     |           |       |    |        |         |      |
|       |            | SAC by nationality: non-Emirates | B   | 6.00- 6.99  | 4349        |  |     |      |     | 27.0 |     |           |       |    |        |         |      |
| L     | 1992 -1993 | Al Ain City: NPW                 | F   | NS          | 279         |  |     |      |     | 22.0 |     | B         | 1718  | *  | 1      |         |      |
|       |            | Al Ain City: PW                  | F   | NS          | 29          |  |     | 38.0 |     |      |     |           |       |    |        |         |      |
|       |            | Al Ain City: Children by age     | B   | 0.08- 0.49  | 116         |  |     |      |     |      |     |           |       |    |        |         |      |
|       |            | Al Ain City: Children by age     | B   | 0.50- 1.91  | 193         |  |     | 35.0 |     |      |     |           |       |    |        |         |      |
| L     | 1990 -1993 | Al Ain: PW at delivery           | F   | NS          | 3255        |  |     | 46.2 |     |      |     | NS        | 2192  | *  |        |         |      |

## NOTES

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**Reference No:** 2270

**General Notes:** *Study in 6 of 7 Emirates; 92% of all children registered for first grade primary school.*

**Reference No:** 1718

**General Notes:** *Facility based study (immunization center), children and their mothers.*

**Line note 1** Prevalence of anaemia 5% (Hb <90 g/L <3 months, Hb <10 g/L 3-5 months).

**Reference No:** 2192

**General Notes:** *Facility based study (Tawam hospital).*

## REFERENCES

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- Reference 1718** Hossain MM, Bakir M, Pugh RNH, Sheekh-Hussen M, Bin Ishaq SA, Berg DB, Lindblad BS. The prevalence and correlates of anaemia among young childbearing age in Al Ain, United Arab Emirates. *Annals of Tropical Paediatrics*, 1995, 15 :227-235.
- Reference 2192** Hughes PF, Morrison J. Pregnancy outcome data in a United Arab Emirates population: what can they tell us?. *Asia-Oceania Journal of Obstetrics and Gynaecology*, 1994, 20 :183-190.
- Reference 2270** Musaiger AO, Abdulghafoor A, Radwan H. Anaemia among 6 year old children in the United Arab Emirates. *European Journal of Clinical Nutrition*, 1996, 50 :636-637.

## ADDITIONAL REFERENCES

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- Reference 2042 Ayoub Al. Iron deficiency anemia in Dubai medical college for girls: a preliminary study. *Journal of the Egyptian Public Health Association*, 1995, 70 :213-228.
- Reference 2254 Hughes PF, Morrison J. Birthweight and delivery characteristics: what can they tell us?. *International Journal of Gynaecology and Obstetrics*, 1993, 43 :328-330.
- Reference 4749 Miller CJ, Dunn EV, Berg B, Abdouni SF. A hematological survey of preschool children of the United Arab Emirates. *Saudi Medical Journal*, 2003, 24 :606-613.