

Table 2 Review of studies from Saudi Arabia evaluating the prevalence of overweight and obesity among children

Reference	Region	Target children	No.	Ages (years)	Sex	Overweight prevalence (%)	Obesity prevalence (%)
Present study	Eastern province	Schoolchildren, Private hospital	7056	2-18	M,F	19	23.3
Alam, 2008 [11]	West Riyadh	Elementary school	1072	8-12	F	<i>n/d</i>	14.9
Amin, 2008 [12]	Al Hassa	Primary schools	1139	10-14	M	14.2	9.7
Al-Hazzaa, 2007 [13]	Riyadh	Primary schools	1082 (1988) 702 (2005)	6-14	M		3.4 (1988) 24.5 (2005)
Al Turki, 2007 [14]	Riyadh	Primary care clinics	267	12-20	<i>n/d</i>	18.7	21.0
Mahfouz, 2007 [15]	Abha city	Schools	2696	11-19	M	11	5.0
Farghal, 2007 [16]	Abha city	Schools	767	7-20	M,F	11	15.9
Al-Almaie, 2005 [17]	Al-Khobar	Intermediate and all 3 grades of secondary school	1766	14-19	M,F	19.3 (M) 11.8 (F)	17.2 (M) 10.2 (F)
Al-Rukban, 2003 [2]	Riyadh	Intermediate and secondary schools	894	12-20	M	13.8	20.5
Al-Saeed, 2003 [18]	Different provinces	Primary and preparatory schools	2239	6-17	F	20	11.0
El-Hazmi & Warsy, 2002 [3]	Different provinces	Household screening programme	12 701	1-18	M,F	23.4	12.7
El-Hazmi, 2002 [19]	Different provinces	National epidemiological household survey	12 071	1-18	M,F	10.7 (M) 12.7 (F)	6.0 (M) 6.7 (F)
Abahussain, 1999 [20]	Al-Khobar city	Adolescent girls	676	12-19	F	28 (overweight or obese)	
Al-Nuaim, 1996 [21]	Different provinces	Schoolchildren	9061	6-18	M	11.7	15.8

M = male; F = female; *n/d* = not determined.