

Table 2 Comparison of prevalence estimates calculated according to WHO 2006 and NCHS/WHO references for wasting, stunting, underweight and overweight across age-groups for a sample of Omani children aged 0–60 months

Age (months)	No.	WHO 2006		NCHS/WHO		P-value
		< -2 SD (%)	95% CI	< -2 SD (%)	95% CI	
Underweight (weight for age)						
0–5	1 394	5.8	4.7–7.2	1.9	1.6–2.4	< 0.01
6–11	1 467	5.3	4.3–6.7	6.4	5.2–7.7	0.99
12–23	2 789	9.7	7.7–12.2	27.7	25.3–30.2	< 0.01
24–35	2 723	13.5	10.8–16.8	20.3	16.7–24.4	< 0.01
36–47	2 657	14.9	12.4–17.7	19.2	16.2–22.6	0.65
48–60	2 702	12.3	10.6–14.4	16.4	14.0–19.1	< 0.01
Total	13 861	11.3	10.2–12.6	17.8	16.2–19.4	< 0.01
Wasting (weight for height)						
0–5	1 410	10.2	7.9–13.0	3.6	2.0–6.3	< 0.01
6–11	1 508	4.5	2.9–6.9	3.3	2.1–5.3	0.89
12–23	2 800	7.7	6.0–9.7	12.6	10.6–15.0	< 0.01
24–35	2 759	6.7	5.5–8.2	6.8	5.7–8.1	0.99
36–47	2 691	9.3	7.5–11.4	8.1	6.7–9.9	0.89
48–60	2 822	7.3	6.3–8.4	5.4	4.5–6.4	< 0.01
Total	14 119	7.6	7.0–8.3	7.4	6.6–8.2	0.92
Stunting (height for age)						
0–5	1 394	4.5	3.4–5.9	2.2	1.7–2.9	< 0.01
6–11	1 474	7.3	5.6–9.6	5.6	3.8–8.2	0.99
12–23	2 789	13.6	12.2–15.0	18.6	16.9–20.4	< 0.01
24–35	2 738	16.4	13.2–20.1	9.0	6.9–11.6	< 0.01
36–47	2 663	15.6	13.4–18.1	10.3	8.0–13.2	< 0.01
48–60	2 718	12.8	10.6–15.4	11.4	9.4–13.9	< 0.01
Total	13 905	13.0	11.8–14.3	10.9	9.9–11.8	< 0.01
Overweight <sup>a</sup> (weight for height)						
0–5	1 412	2.5	1.3–4.7	2.6	1.4–4.9	1.00
6–11	1 508	4.0	3.2–4.9	4.1	3.3–5.2	1.00
12–23	2 808	1.3	1.0–1.8	0.8	0.6–1.2	< 0.01
24–35	2 762	1.1	0.8–1.5	0.4	0.3–0.5	< 0.01
36–47	2 699	2.3	0.9–5.5	1.3	0.7–2.5	< 0.01
48–60	2 825	1.6	0.9–3.0	0.9	0.4–1.7	< 0.01
Total	14 144	1.9	1.3–2.8	1.3	1.0–1.8	< 0.01

<sup>a</sup>> +2 SD.

SD = standard deviation; CI = confidence interval.