

**Table 3 Trends in the prevalence of stunting, underweight, overweight (including obesity) and obesity in children (< 5 years) in Kuwait between 2007 and 2019 using logistic regression**

		Stunting <sup>a</sup> OR (95% CI)	P	Underweight <sup>b</sup> OR (95% CI)	P	Overweight <sup>c</sup> OR (95% CI)	P	Obesity <sup>d</sup> OR (95% CI)	P
<b>Boys</b>									
Year	2007–2009	1.00 (Reference)		1.00 (Reference)		1.00 (Reference)		1.00 (Reference)	
	2010–2012	0.87 (0.67–1.11)	0.274	0.83 (0.59–1.17)	0.293	1.00 (0.83–1.20)	1.000	0.98 (0.66–1.44)	0.899
	2013–2015	1.12 (0.98–1.28)	0.089	1.13 (0.87–1.48)	0.360	0.98 (0.85–1.14)	0.833	1.16 (0.88–1.53)	0.283
	2016–2019	1.35 (1.15–1.58)	<0.001	1.44 (0.99–2.08)	0.054	1.13 (0.94–1.37)	0.191	1.15 (0.83–1.60)	0.399
<b>Girls</b>									
Year	2007–2009	1.00 (Reference)		1.00 (Reference)		1.00 (Reference)		1.00 (Reference)	
	2010–2012	0.92 (0.70–1.20)	0.536	0.90 (0.60–1.35)	0.614	0.95 (0.70–1.28)	0.723	1.08 (0.71–1.65)	0.724
	2013–2015	1.07 (0.85–1.35)	0.554	1.43 (1.04–1.95)	0.026	1.01 (0.80–1.28)	0.923	0.98 (0.62–1.56)	0.943
	2016–2019	1.32 (0.98–1.78)	0.072	1.18 (0.82–1.69)	0.371	1.20 (0.98–1.45)	0.070	1.14 (0.82–1.58)	0.425

<sup>a</sup>Defined as height/length-for-age z-score < -2.00 SD.

<sup>b</sup>Defined as weight-for-age z-score < -2.00 SD.

<sup>c</sup>Define as BMI-for-age z-score ≥ +2.00 SD (obesity is included in overweight).

<sup>d</sup>Define as BMI-for-age z-score ≥ +3.00 SD.

In all models, we adjusted for age as a categorical variable. Fitting year of study as a continuous variable showed: Stunting OR 1.04 (95% CI: 1.02–1.06) P<0.001 in boys and 1.03 (95% CI: 1.00–1.07) P=0.063 in girls; Underweight: OR 1.04 (95% CI: 1.01–1.08) P=0.021 in boys and 1.02 (95% CI: 0.98–1.06) P=0.209 in girls; Overweight: OR 1.02 (95% CI: 1.00–1.04) P=0.122 in boys and 1.02 (95% CI: 1.00–1.04) P=0.024 for girls; and Obesity OR 1.02 (95% CI: 0.98–1.05) P=0.232 in boys and 1.02 (95% CI: 0.98–1.05) P=0.378 in girls.

OR = odds ratio; 95% CI = 95% confidence interval.