

**Table 2 Unadjusted and adjusted hazard ratios of the relationship between low birth weight and infant mortality, controlling for several factors among children born during 1996–2000, Egypt**

Variable	Hazard ratio (95% confidence interval)			
	Model 1	Model 2	Model 3	Model 4
<i>Birth weight</i>				
Low <sup>a</sup>	–	–	–	–
Normal	2.96 (2.41–3.64)	2.95 (2.40–3.64)	2.91 (2.37–3.59)	2.89 (2.33–3.58)
<i>Child's sex</i>				
Male <sup>a</sup>		–	–	–
Female		0.93 (0.76–1.13)	0.93 (0.77–1.14)	0.95 (0.78–1.17)
<i>Child's birth order</i>				
1 <sup>a</sup>		–	–	–
2		3.44 (1.53–7.77)	3.40 (1.51–7.66)	2.59 (1.01–6.66)
3		4.61 (1.90–11.21)	4.74 (1.96–11.44)	3.69 (1.34–10.13)
4+		6.59 (2.78–15.66)	6.33 (2.63–15.23)	4.68 (1.71–12.84)
<i>Birth interval (months)</i>				
< 24 <sup>a</sup>		–	–	–
24–35		0.59 (0.45–0.79)	0.60 (0.45–0.80)	0.60 (0.45–0.80)
36–59		0.47 (0.34–0.63)	0.46 (0.34–0.63)	0.46 (0.34–0.64)
60+		0.45 (0.30–0.66)	0.41 (0.27–0.60)	0.42 (0.28–0.63)
<i>Prenatal care</i>				
Yes <sup>a</sup>		–	–	–
No		1.60 (1.28–2.00)	1.48 (1.18–1.85)	1.35 (1.08–1.69)
<i>Delivery with assistance</i>				
Yes <sup>a</sup>		–	–	–
No		0.93 (0.74–1.16)	0.87 (0.70–1.10)	0.82 (0.65–1.04)
<i>Mother's age at childbirth (years)</i>				
13–24 <sup>a</sup>			–	–
25–34			0.56 (0.41–0.78)	0.57 (0.41–0.80)
35–48			0.68 (0.46–1.01)	0.69 (0.46–1.04)
<i>Mother's body mass index (kg/m<sup>2</sup>)</i>				
18.5–24.9 <sup>a</sup>			–	–
< 18.5			0.95 (0.29–3.13)	0.95 (0.29–3.14)
> 25.0			1.02 (0.82–1.26)	1.16 (0.92–1.45)
<i>Mother's education</i>				
None <sup>a</sup>			–	–
Some primary			1.03 (0.78–1.37)	1.09 (0.82–1.45)
Secondary or higher			0.84 (0.65–1.08)	0.95 (0.73–1.25)
<i>Mother working</i>				
Yes <sup>a</sup>			–	–
No			0.96 (0.71–1.31)	0.92 (0.66–1.28)

**Table 2 Unadjusted and adjusted hazard ratios of the relationship between low birth weight and infant mortality, controlling for several factors among children born during 1996–2000, Egypt (concluded)**

Variable	Hazard ratio (95% confidence interval)			
	Model 1	Model 2	Model 3	Model 4
<i>Access to safe drinking water</i>				
Yes <sup>a</sup>				–
No				1.59 (1.22–2.08)
<i>Access to hygienic toilet facilities</i>				
Yes <sup>a</sup>				–
No				1.57 (1.07–2.29)
<i>Cooking fuel</i>				
Low pollution fuel <sup>a</sup>				–
High pollution fuel				0.64 (0.36–1.15)
<i>Urban/rural</i>				
Urban <sup>a</sup>				–
Rural				0.30 (0.10–0.90)
<i>Geographic region</i>				
Urban governorate <sup>a</sup>				–
Lower Egypt – urban				0.94 (0.57–1.55)
Lower Egypt – rural				2.53 (0.79–8.14)
Upper Egypt – urban				1.21 (0.77–1.92)
Upper Egypt – rural				3.83 (1.20–12.22)
Frontier governorate				1.09 (0.61–1.96)
Number of children	11 301	11 301	11 164	10 710

<sup>a</sup>Reference category.