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Title	Caesarean section delivery and childhood obesity in a British longitudinal cohort study
Authors	Masukume, Gwinyai;Khashan, Ali S.;Morton, Susan M. B.;Baker, Philip N.;Kenny, Louise C.;McCarthy, Fergus P.
Publication date	2019-10-30
Original Citation	Masukume, G., Khashan, A. S., Morton, S. M. B., Baker, P. N., Kenny, L. C. and McCarthy, F. P. (2019) 'Caesarean section delivery and childhood obesity in a British longitudinal cohort study', PLOS ONE, 14(10), e0223856. (13pp.) doi: 10.1371/journal.pone.0223856
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1371/journal.pone.0223856
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Download date	2026-10-31 00:44:17
Item downloaded from	https://hdl.handle.net/10468/9315

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University College Cork, Ireland
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S3 Table. Mode of delivery and BMI category transition between ages three and five.

Transition (remained normal – base outcome)	RRR (95% CI)	p-value	AdjRRR (95% CI)**	p-value
Remained obese				
Normal vaginal delivery	reference		reference	
Assisted vaginal delivery	1.09 (0.71; 1.67)	0.695	1.16 (0.74; 1.85)	0.507
Planned Caesarean	1.20 (0.79; 1.81)	0.394	0.94 (0.59; 1.49)	0.780
Emergency Caesarean	1.22 (0.83; 1.79)	0.317	1.09 (0.70; 1.71)	0.698
Became obese				
Normal vaginal delivery	reference		reference	
Assisted vaginal delivery	0.92 (0.65; 1.30)	0.638	1.11 (0.77; 1.59)	0.572
Planned Caesarean	1.13 (0.82; 1.56)	0.444	0.96 (0.67; 1.38)	0.836
Emergency Caesarean	1.35 (1.02; 1.79)	0.035	1.34 (0.98; 1.82)	0.066
Became non obese				
Normal vaginal delivery	reference		reference	
Assisted vaginal delivery	1.18 (0.81; 1.72)	0.387	1.20 (0.81; 1.78)	0.362
Planned Caesarean	1.06 (0.71; 1.57)	0.787	0.81 (0.51; 1.27)	0.350
Emergency Caesarean	1.03 (0.71; 1.50)	0.872	0.92 (0.61; 1.38)	0.688
Any other transition				
Normal vaginal delivery	reference		reference	
Assisted vaginal delivery	1.04 (0.91; 1.18)	0.579	1.10 (0.97; 1.26)	0.143
Planned Caesarean	0.98 (0.86; 1.12)	0.761	1.01 (0.88; 1.16)	0.921
Emergency Caesarean	1.11 (0.99; 1.25)	0.083	1.11 (0.99; 1.27)	0.082

N for adjusted model = 11,421. Multinomial logistic regression. BMI – Body mass index, RRR (Relative Risk Ratio), CI (Confidence intervals), Adj (Adjusted).

**Adjusted for maternal age, ethnicity, education, marital status, couple income, infant sex, birth weight, smoking, gestational age, diabetes mellitus, parity, pre-pregnancy BMI (Non-macrosomic infants).