

Table 1: Sociodemographic and healthcare characteristics of preterm, small-for-gestational-age, and low birth weight births in Spain, 2000-2013.

Variables	Preterm ^a		Small-for-gestational-age ^b		Low birth weight ^a	
	No N=4,885,779	Yes N=416,595	No N=4,804,257	Yes N=489,443	No N=4,887,658	Yes N=414,716
Mother's age, mean (SD)	31.1 (5.2)	31.5 (5.6)	31.1 (5.2)	31.0 (5.4)	31.1 (5.2)	31.6 (5.5)
Mother's occupation, %						
Groups ^c I - II	22.1	20.8	22.2	19.7	22.0	21.0
Group III	17.9	17.3	17.9	17.5	17.9	18.0
Groups IV - V	24.8	25.0	24.7	26.5	24.8	25.7
Other	35.2	36.9	35.2	36.3	35.4	35.3
Father's occupation, %						
Groups ^c I - II	23.8	22.7	24.0	21.0	23.8	22.7
Group III	8.2	8.0	8.2	7.7	8.2	8.0
Groups IV - V	53.2	53.4	53.0	55.4	53.2	53.5
Other	14.8	15.9	14.8	15.8	14.9	15.8
Place of delivery, %						
Health care center	99.6	99.6	99.6	99.6	99.6	99.7
Other than a Health care center	0.4	0.4	0.4	0.4	0.4	0.3
Health professional-assisted birth, %						
Yes	100.0	99.9	99.9	99.9	100.0	99.9
No	0.0	0.1	0.1	0.1	0.0	0.1
Multiple birth, %						
Singleton	98.0	74.0	97.0	87.7	98.4	69.8
Multiple	2.0	26.0	3.0	12.3	1.6	30.2
Time period, %						
2000 - 2005	42.1	41.8	42.0	43.0	42.3	39.9
2006 - 2010	37.3	38.3	37.4	36.8	37.3	38.6
2011 - 2013	20.6	19.9	20.6	20.2	20.4	21.5

^aBirths at 22-44 weeks^bBirths at 26-42 weeks^c Groups I – V, from higher to lower qualification

Table 2: Percent changes in perinatal complication rates immediately and one year after the implementation of the 2006 partial smoking ban and the 2011 comprehensive smoking ban in public places—Preterm, small-for-gestational-age, and low birth weight newborns. Spain 2000-2013^a

	2006 Partial Smoking Ban ^b		2011 Comprehensive Smoking Ban ^c	
	Percent Change— Immediate (95%CI)	Percent Change—One year later (95%CI)	Percent Change— Immediate (95%CI)	Percent Change—One year later (95%CI)
<i>Crude rates</i>				
Preterm births	2.1 (-0.8 to 5.1)	2.2 (-0.7 to 5.2)	-5.6 (-8.9 to -2.1)	-6.0 (-8.9 to -2.9)
SGA newborns	-2.6 (-3.9 to -1.3)	-1.8 (-3.1 to -0.5)	0.0 (-1.6 to 1.7)	-0.7 (-2.2 to 0.8)
Low birth weight newborns	-0.2 (-2.4 to 2.1)	0.2 (-2.1 to 2.5)	-3.5 (-6.1 to -0.8)	-4.9 (-7.2 to -2.5)
<i>Adjusted rates^d</i>				
Preterm births	4.6 (2.9 to 6.2)	5.5 (3.8 to 7.4)	-4.5 (-6.1 to -2.9)	-4.1 (-5.6 to -2.5)
SGA newborns	-4.9 (-6.2 to -3.5)	-4.2 (-5.7 to -2.7)	0.7 (-0.8 to 2.2)	-1.7 (-3.1 to -0.3)
Low birth weight newborns	0.6 (-1.0 to 2.1)	1.2 (-0.4 to 3.0)	-2.3 (-3.8 to -0.7)	-3.5 (-5.0 to -2.1)

^a Results were obtained from overdispersed Poisson models with different log-linear rate trends within the 2000–2005 pre-ban period, the 2006–2010 partial ban period, and the 2011–2013 comprehensive ban period.

^b Percent changes in perinatal complication rates and 95% CIs at the time of implementation and one year post-implementation compared with the projected rates from the pre-ban period.

^c Percent changes in perinatal complication rates and 95% CIs at the time of implementation and one year post-implementation compared with the projected rates from the previous partial ban period.

^d Adjusted for maternal age, socioeconomic status based on mother’s and father’s occupational status, mother’s region of residence, place of delivery, health professional-assisted birth, multiple birth, and annual prevalence of tobacco consumption during pregnancy.

CI: Confidence Interval; SGA: small-for-gestational-age.