

Table 1: Socio-demographic factors associated with smoking during pregnancy

Country	Age of the mother	Marital status	Parity	Ethnic origin	
	Young age of the mother	Single women	Multiparous women	Foreign ethnic origin, migrants	Aboriginal origin
Australia, Mohsin 2005 (25)	aOR: 3.73 (95% CI 3.58, 3.89)		aOR: 1.49 (95% CI 1.46, 1.51)		aOR: 3.43 (95% CI 3.43, 3.58)
Australia, Mohsin 2011 (26)	aOR: 2.6 (95% CI 2.5, 2.7)				aOR: 3.7 (95% CI 3.5, 3.8)
Canada, Al-Sahab 2010 (28)	aOR: 0.93* (95% CI 0.90, 0.96)	aOR: 1.83 (95% CI 1.33, 2.53)	OR: 1.08 (95% CI 0.99, 1.18)	aOR: 5.32* (95% CI 3.32, 8.51)	
Canada, Cui Y. 2014 (29)	WP 38.6 (95% CI 30.3, 47.5) vs. 15.1 (95% CI 15.4, 22.0)	WP 42.1 (95% CI 33.9, 50.8) vs. 17.0 (95% CI 14.4, 19.9)			
Denmark, Egebjerg 2008 (31)	aOR: 3.34 (95% CI 3.14, 3.56)	aOR: 3.15 (95% CI 2.92, 3.40)			
Finland, Ekblad 2013 (46)	P 36.0 vs. 6.0	P 24.0 vs. 8.0	P 9 vs. 10		
Finland, Räisänen 2014 (33)	P 49.8 vs. 10.1				
France, Lelong 2011 (34)	P 38.3 vs. 19.5	P 40.6 vs. 13.5		P 7.9 vs. 22.4	
France, El-Khoury 2018 (37)				aOR: 0.34 (95% CI 0.26, 0.45)	
Germany, Schneider 2008 (38)	aOR: 5.96 (95% CI 5.68, 6.25)	aOR: 1.84 (95% CI 1.80, 1.88)	aOR: 2.64 (95% CI 2.56, 2.72)	aOR: 0.45 (95% CI 0.43, 0.47)	
New Zealand, 2017 (43)	P 25.5 vs. 6.6				P 28.4 vs. 5.9
Norway, Kvalvik 2008 (44)	aOR: 0.93 (95% CI 0.87, 1.00)	aOR: 4.31 (95% CI 4.12, 4.54)	aOR: 1.33 (95% CI 1.29, 1.37)		
Norway, Ekblad 2013 (46)	P 23 vs. 6	P 19 vs. 6	P 7 vs. 7		
Norway, Grøtvedt 2016 (18)	P 21.2 vs. 6.9	aOR: 2.2 (95% CI 2.05, 3.28)		P 5.0 vs. 8.5	
Spain, Martinez-Frias 2005 (47)	P 42.0 vs. 28.0			P 18.7 vs. 27.6	
Sweden, Moussa 2009 (48)	P 20.8 vs. 13.5	P 37.3 vs. 11.8		P 5.5 vs. 13.0	
The Netherlands, Baron 2013 (52)	OR: 2.8 (95% CI 2.1, 3.7)	aOR: 3.7 (95% CI 2.3, 6.0)	OR: 0.9 (95% CI 0.8, 1.1)	aOR: 3.9 (95% CI 2.3, 6.7)	
United Kingdom, Penn 2002 (53)	aOR: 1.10 (95% CI 0.85, 1.41)		aOR: 1.48 (95% CI 1.24, 1.76)		
United States, Hawkins 2014 (57)	aOR: 0.57 (95% CI 0.57, 0.57)	aOR: 2.83 (95% CI 2.60, 3.08)	aOR: 1.76 (95% CI 1.67, 1.84)	aOR: 0.17 (95% CI 0.16, 0.19)	aOR: 0.55 (95% CI 0.32, 0.93)
United States, Kondracki 2019 (58)	P 8.5 vs. 4.3			P 10.5 vs. 6.0	

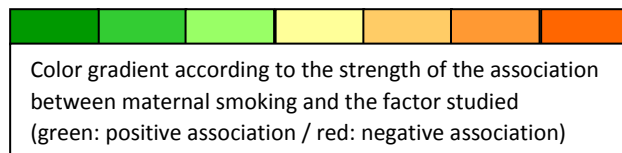


Table 2: Socio-economic factors associated with smoking during pregnancy

Country	Education level	Employment status	Occupational category	Household income	Ecological index
	Low education level	Unemployment	Most disadvantaged socio-professional category	Low household income level	Most vulnerable ecological index
Australia, Mohsin 2005 (25)	aOR: 1.52 (95% CI 1.44, 1.61)				aOR: 3.33 (95% CI 3.23, 3.43)
Australia, Mohsin 2011 (26)					aOR: 5.7 (95% CI 5.5, 6.0)
Canada, Al-Sahab 2010 (28)	aOR: 0.84* (95% CI 0.80, 0.88)	aOR: 0.93 (95% CI 0.72, 1.20)		aOR: 1.73 (95% CI 1.08, 2.78)	
Canada, Cui Y. 2014 (29)	WP 18.8 (95% CI 15.6, 22.5) vs. 5.1 (95% CI 1.8, 13.5)	WP 24.9 (95% CI 20.9, 29.3) vs. 21.4 (95% CI 16.8, 26.9)		WP 59.6 (95% CI 34.6, 80.4) vs. 9.1 (95% CI 6.6, 12.6)	
Finland, Ekblad 2013 (46)			P 18.0 vs. 2.0		
Finland, Räisänen 2014 (33)			aOR: 5.23 (95% CI 4.91, 5.57)		aOR: 1.72 (95% CI 1.65, 1.79)
Finland, Rumrich 2018 (22)			P 13 vs. 1		
France, Lelong 2011 (34)	P 32.5 vs. 10.9		P 31.7 vs. 8.3		
France, El-Khoury 2018 (37)	aOR: 2.75 (95% CI 2.39, 3.15)	aOR: 1.46 (95% CI 1.20, 1.77)	aOR: 1.70 (95% CI 1.43, 2.01)		
Germany, Schneider 2008 (38)			aOR: 4.44 (95% CI 4.19, 4.70)		
New Zealand, 2017 (43)					P 19.4 vs. 3.1
Norway, Kvalvik 2008 (44)	aOR: 7.85 (95% CI 7.57, 8.15)				
Norway, Ekblad 2013 (46)	P 23 vs. 2				
Norway, Grøtvedt 2016 (18)	aOR: 10.38 (95% CI 9.67, 11.14)				
Spain, Martinez-Frias 2005 (47)	P 9.0 vs. 22.0				
Sweden, Moussa 2009 (48)	aOR: 14.2 (95% CI 13.7, 14.8)				
The Netherlands, Baron 2013 (52)	aOR: 10.3 (95% CI 7.0, 15.4)				aOR: 1.5 (95% CI 1.3, 1.8)
United Kingdom, Penn 2002 (53)	aOR: 3.94 (95% CI 2.66, 5.84)	aOR: 1.19 (95% CI 0.96, 1.48)	aOR: 1.54 (95% CI 1.17, 2.03)		
United States, Hawkins 2014 (57)	aOR: 0.05* (95% CI 0.04, 0.06)				
United States, Kondracki 2019 (58)	P 12.8 (95% CI 12.8, 12.9) vs. 0.8 (95% CI 0.7, 0.8)				

