

Supplementary Table 1 (b)

Risk factors associated with SUD for children aged 2 months-11 months in Scotland 2000 – 2014, Multivariate Cox regression, 15 multiple imputations

Risk Factors*	SUD deaths / 100,000 child years N=228	Hazard Ratio (95% CI)					
		Model 1		Model 2 ^a		Model 3 ^b	
		Chronic conditions		Birth characteristics		Socio-economic	
Chronic condition up to age 1y	49 / 3.21	3.40	(2.37, 4.89)	2.46	(1.67, 3.63)	2.42	(1.67, 3.63)
Female	97 / 3.06			0.81	(0.63, 1.06)	0.82	(0.63, 1.02)
Gestational age (weeks)							
<33	n/a			5.01	(2.84, 8.82)	4.67	(2.77, 7.77)
33-36				2.83	(1.88, 4.27)	2.71	(1.96, 4.06)
37+				base		Base	
Teenage pregnancy (<20y)	n/a					2.33	(1.75, 3.32)
Deprivation quintile							
1 (most deprived)	86 / 1.46					1.59	(1.10, 2.29)
2	44 / 1.33					0.94	(0.61, 1.42)
3	43 / 1.26					base	
4	33 / 1.12					0.90	(0.57, 1.41)
5 (least deprived)	22 / 1.14					0.61	(0.36, 1.02)

a: adjusted for chronic conditions, sex and gestational age.

b: adjusted for chronic conditions, sex, gestational age and SES

n/a: not applicable for imputed variables since values vary by imputation

* according to our definition vaccine uptake is not estimable for children aged <1 year