

Neighborhood deprivation and childhood asthma

322 **Supplemental Table 1. OHIP, ICD-9 and ICD-10 diagnostic codes**

Condition	OHIP	ICD-9	ICD-10
Asthma	493	493	J45
Preterm delivery	765	765.00 to 765.19	P070, P071, P072, P073
Obesity	278	278.00	E660, E668, E669
Other atopic conditions			
Allergic rhinitis	477	477.00, 477.08, 477.09	J301, J302, J303, J304
Atopic dermatitis	691	691.80	L208, L209
Food allergy	995	995.00	T7800 to T7809

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325 **Supplemental Table 2. Associations between incident asthma and birth neighborhood**
 326 **deprivation among subgroups of children living in the Greater Toronto Area (GTA)**

	Children born in an Ontario hospital Hazard Ratio (95% CI) ^a	Children living continuously in the GTA Hazard Ratio (95% CI) ^a
High deprivation	1.18 (1.15, 1.20)	1.11 (1.08, 1.13)
Male sex	1.44 (1.42, 1.47)	1.45 (1.42, 1.49)
Prematurity	1.32 (1.29, 1.36)	1.59 (1.54, 1.65)
Obesity	1.35 (1.31, 1.39)	1.49 (1.43, 1.54)
Atopic conditions	1.98 (1.92, 2.03)	2.87 (2.79, 2.96)

327 ^a Adjusted hazard ratio of incident asthma (95% confidence interval), also adjusted for year of
 328 birth. Results of multivariable Cox proportional hazards models
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