

Table 1 Factors Influencing Asthma Symptom

		Odds ratio
NO <sub>2</sub>	per 10ppb	0.98
NO <sub>x</sub>	per 10ppb	0.98
SO <sub>2</sub>	per 10ppb	0.72*
SPM	per 10ug/m <sup>3</sup>	1.02
Sex	male	1.73*
	female	1.00
Smoking habit of family member	mother	1.41*
	other member	1.05
	no smoker	1.00
Housing structure	wooden with wooden frame	1.30 ~ 1.31*
	wooden with metal frame	1.02 ~ 1.03
	reinforced concrete	1.00
Heating method	no exhausting system	1.02 ~ 1.04
	exhausting system	1.00
Dwelling period	since birth	0.92 ~ 0.93
	more than 1 year	0.93
	less than 1 year	1.00
Pets	yes	1.11*
	no	1.00
Daytime caretaker	nursery center	1.23 ~ 1.26
	others	1.00
Feeding up to 3 months old	milk only	1.14 ~ 1.15 *
	breast feeding & milk	1.02
	breast feeding only	1.00
History of allergy (subject)	yes	2.34 *
	no	1.00
		Odds ratio
History of allergy (parents)	yes	2.00 ~ 2.09
	no	1.00

\* Statistically significant ( P<0.05)

Note: Each model was calculated with explanatory variable which adds one type of concerned pollutant to the factors listed above.