

**A Population Exposure Model for Particulate Matter:
Case Study Results for PM_{2.5} in Philadelphia, PA**

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Table 7. Input data on number of cigarettes smoked in residence by other smokers by smoking status and age group¹.

Smoking Status	Age Group	Range for Number of Cigarettes²	Male Proportion	Female Proportion	
Smoker	12 – 17 yr	0 - 2	0.11	0	
		3 - 5	0.11	0.25	
		6 - 9	0.22	0.13	
		10 - 14	0.12	0.37	
		15 - 24	0.22	0.13	
		25+	0.22	0.12	
		18 – 64 yr	0 - 2	0.04	0.06
	3 - 5		0.14	0.16	
	6 - 9		0.16	0.13	
	10 - 14		0.33	0.24	
	15 - 24		0.20	0.33	
	25+		0.13	0.08	
	≥ 65 yr		0 - 2	0.20	0.25
		3 - 5	0	0.25	
		6 - 9	0	0	
		10 - 14	0.20	0	
		15 - 24	0.40	0.38	
		25+	0.20	0.12	
		Non-smoker	12 – 17 yr	0 - 2	0.06
	3 - 5			0.16	0.20
	6 - 9			0.17	0.14
10 - 14	0.24			0.22	
15 - 24	0.25			0.27	
25+	0.12			0.15	
18 – 64 yr	0 - 2			0.14	0.15
	3 - 5		0.19	0.31	
	6 - 9		0.19	0.13	
	10 - 14		0.22	0.19	
	15 - 24		0.20	0.17	
	25+		0.06	0.05	
	≥ 65 yr		0 - 2	0.29	0.22
3 - 5			0	0.28	
6 - 9			0.14	0.17	
10 - 14			0.28	0.11	
15 - 24			0.15	0.05	
25+			0.14	0.17	

Notes:

¹Data source: NHAPS questionnaire data (Klepeis et al., 1996; Tsang and Klepeis, 1996).

²Uniform distribution from min. to max. of range was used. The maximum number of cigarettes was 40.

