

# Additions and Corrections

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William J. Riley, Thomas E. McKone, Alvin C. K. Lai, and William W. Nazaroff: Indoor Particulate Matter of Outdoor Origin: Importance of Size-Dependent Removal Mechanisms

We regret that a transcription error occurred in conducting model calculations for the archetypal rural distribution. The information as reported in Table 2 is correct

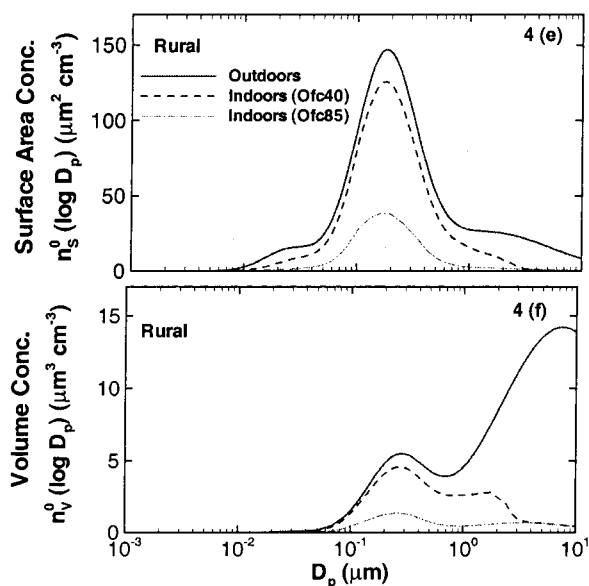


FIGURE 4. These panels replace panels e and f in the original Figure 4.

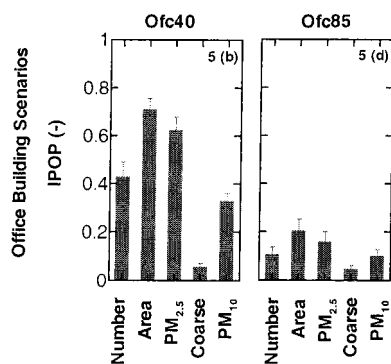


FIGURE 5. These panels replace panels b and d in the original Figure 5.

reported in the “Outdoor PM Concentrations” section. The error propagated through calculations that are reported in

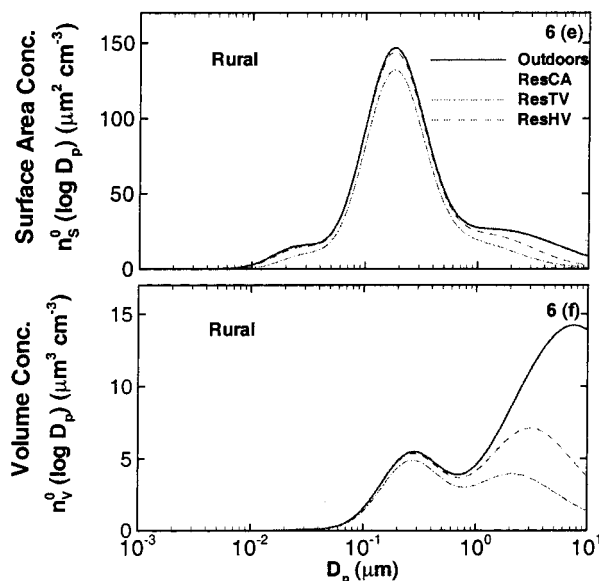


FIGURE 6. These panels replace panels e and f in the original Figure 6.

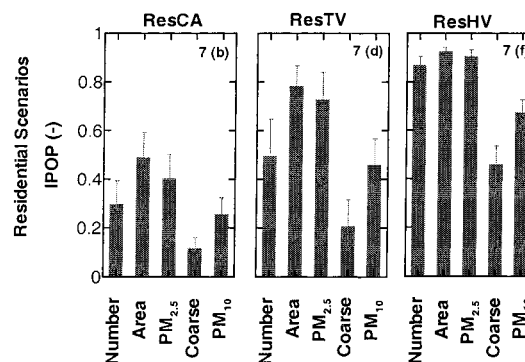


FIGURE 7. These panels replace panels b, d, and f in the original Figure 7.

Figures 4–7 and in Table 3. In the text, a change is required under “Results and Discussion: Integrated Deposition Loss Coefficient and Filtration Efficiency”. The integrated  $\text{PM}_{10}$  deposition loss rate coefficient varies by a factor of 6 among scenarios (not “more than an order of magnitude”, as reported). The integrated  $\text{PM}_{2.5}$  deposition

TABLE 3. Corrections for the Archetypal Rural Distribution

ambient distribution	building scenario	$\text{PM}_{2.5}$			$\text{PM}_{10}$		
		deposition loss rate coeff ( $\text{h}^{-1}$ )	recirculation filter efficiency (%)	makeup filter efficiency (%)	deposition loss rate coeff ( $\text{h}^{-1}$ )	recirculation filter efficiency (%)	makeup filter efficiency (%)
archetypal rural	Ofc40	0.16 (0.01)	9 (0.51)	14 (0.58)	0.36 (0.05)	16 (1.8)	53 (1.1)
	Ofc85	0.15 (0.02)	61 (2.0)	72 (1.5)	0.76 (0.10)	68 (2.5)	83 (1.3)
	ResCA	0.16 (0.01)	25 (1.3)	—	0.75 (0.07)	39 (2.4)	—
	ResTV	0.18 (0.02)	—	—	0.66 (0.19)	—	—
	ResHV	0.22 (0.01)	—	—	1.1 (0.11)	—	—

except that the integral measures for the rural distribution should be 8 and  $15 \mu\text{g m}^{-3}$  for  $\text{PM}_{2.5}$  and  $\text{PM}_{10}$ , respectively. The same correction applies to these numbers as they are

loss rate coefficient varies by a factor of about 2.5 (not a factor of 3).  
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