

Table D-3. Estimated Lifetime Risks of Lung Cancer and Mesothelioma Combined for Different Scenarios of Exposure to Airborne Asbestos Fibers

Conditions	Premature cancer deaths (lifetime risks) per million exposed persons (male and female)
Lifetime, continuous outdoor exposure	
• 0.00001 TEM f/mL (2×10^{-7} PCM f/mL from birth rural)	4 40
• 0.0001 TEM f/mL (2×10^{-6} PCM f/mL) from birth (high urban)	
Exposure in a school containing ACM, from age 5 to 18 years (180 days/year, 5 hours/day)	6
• 0.0005 TEM f/mL (8×10^{-6} PCM f/mL) (average)	60
• 0.005 TEM f/mL (8×10^{-5} PCM f/mL) (high)	
Exposure in a public building containing ACM age 25 to 45 years (240 days/year, 8 hours/day)	
• 0.0002 TEM f/mL (3×10^{-6} PCM f/mL) (average)	4
• 0.002 TEM f/mL (3×10^{-5} PCM f/mL) (high)	40
Occupational exposure from age 25 to 45	
• 0.1 PCM f/mL (current occupational levels)	2,000
• 10 PCM f/mL (historical industrial exposures)	200,000