

Table 2.3. Relative risk (95% confidence intervals) from meta-analyses of lung cancer among silicotics or silica-exposed workers.

Authors	Study type	Silicosis only	Silica-exposed	Silica w/o silicosis	Overall
Smith <i>et al.</i> (1995) ^b	Overall	2.2 (2.1–2.4)			
	Cohort	2.0 (1.8–2.3)			
	Case control	2.5 (1.8–3.3)			
Steenland and Stayner (1997) ^b	Overall	2.3 (2.2–2.4)	1.3 (1.2–1.4)		
Tsuda <i>et al.</i> (1997) ^b	Overall	2.74 (2.60–2.90) ^a 2.76 (2.41–3.16) ^b			
	Cohort	2.78 (2.41–3.22) ^b			
	Case control	2.79 (2.00–3.89) ^b			
Kurihara and Wada (2004) ^b	Overall	2.37 (1.98–2.04)	1.32 (1.23–1.41)	0.96 (0.81–1.15)	
	Cohort	2.49 (2.08–2.99)	1.29 (1.20–1.40)		
	Case control	1.89 (1.45–2.48)	1.42 (1.22–1.65)		
Lacasse <i>et al.</i> (2005) ^b	Overall	Not available			
	Cohort	2.45 (1.63–3.66)			
	Case control	1.70 (1.15–2.53)			
Pelucchi <i>et al.</i> (2006) ^b	Overall	1.74 (1.37–2.22)			
	Cohort	1.69 (1.32–2.16)	1.25 (1.18–1.33)	1.19 (0.87–1.57)	1.34 (1.25–1.45)
	Case control	3.27 (1.32–8.2)	1.41 (1.18–1.70)	0.97 (0.68–1.38)	1.41 (1.18–1.67)
Erren <i>et al.</i> (2009) ^b	Overall	2.1 (2.0–2.3) ^a		1.2 (1.1–1.3) ^a	
		2.1 (1.9–2.3) ^b		1.2 (1.0–1.3) ^b	
		2.1 (1.8–2.4) ^c			
	Cohort	2.1 (1.9–2.2) ^a		1.2 (1.1–1.3) ^a	
Case control	2.1 (1.7–2.6) ^a		1.0 (0.7–1.3) ^a		

^a Fixed effects analysis

^b Random effects analysis

^c Fixed effects, adjusted for smoking