

## Epidemiology case study - results

**Table 1**

**Risk of bladder cancer by likelihood of exposure to ortho-toluidine**

Likelihood of exposure to ortho-toluidine	Number of people	Bladder cancers		Relative risk (95% confidence limits)
		Observed	Expected	
Definitely exposed	708	7	1.08	6.48 (3.04-12.2)
Possibly exposed	288	4	1.09	3.66 (1.25-8.37)
Probably unexposed	753	2	1.43	1.39 (0.25-4.39)

**Table 2**

**Risk of bladder cancer by duration of employment in exposed area**

Duration of exposure to o-toluidine (years)	Number of people	Bladder cancers		Relative risk (95% confidence limits)
		Observed	Expected	
<5	584	0	0.75	--
5-9.9	51	1	0.11	8.8 (4.5-41.7)
10+	73	6	0.22	27.2 (11.8-53.7)

**Table 3**

**Risk of bladder cancer by time since first employment in exposed area**

Time since first employment in exposed area (years)	Number of people	Bladder cancers		Relative risk (95% confidence limits)
		Observed	Expected	
<10	196	0	0.22	--
10-20	364	1	0.49	2.03 (1.10-9.64)
20+	148	6	0.37	16.4 (7.13-32.3)