

Table 3: Relative risk of death from leukemias in towns situated at a distance of less than 5 kilometers from pre-1990 metal installations, estimated using Poisson mixed regression models, by pollution discharge route and industrial activity.

	TOTAL				MEN				WOMEN			
	Obs <sup>a</sup>	Exp <sup>b</sup>	RR	95%CI	Obs <sup>a</sup>	Exp <sup>b</sup>	RR	95%CI	Obs <sup>a</sup>	Exp <sup>b</sup>	RR	95%CI
<b>AIR</b>												
Multiple pollution sources	1558	1484.3	1.08	1.01-1.15	862	796.1	1.11	1.02-1.21	696	688.2	1.03	0.94-1.12
Steel	449	434.7	1.06	0.96-1.18	250	245.6	1.04	0.91-1.18	199	189.1	1.09	0.94-1.26
Galvanizing	53	40.2	1.29	0.98-1.70	24	21.7	1.07	0.71-1.61	29	18.5	1.58	1.09-2.29
Ferrous metals	133	132.6	1.05	0.88-1.25	81	74.4	1.12	0.90-1.40	52	58.3	0.93	0.71-1.23
Non-ferrous metals	497	492.2	1.03	0.93-1.15	279	265.8	1.05	0.92-1.20	218	226.3	0.99	0.86-1.14
Surface treatment	232	192.5	1.30	1.13-1.50	121	106.1	1.20	0.99-1.45	111	86.4	1.34	1.10-1.62
<b>WATER ONLY</b>												
Multiple pollution sources	902	873.2	1.02	0.94-1.10	491	481.8	1.01	0.91-1.12	411	391.5	1.04	0.93-1.16
Steel	--	--	--	--	--	--	--	--	--	--	--	--
Galvanizing	41	35.3	1.13	0.82-1.55	28	19.3	1.40	0.96-2.05	13	16.0	0.84	0.49-1.46
Ferrous metals	6	5.8	1.20	0.54-2.69	4	3.2	1.47	0.55-3.96	2	2.6	0.83	0.21-3.35
Non-ferrous metals	88	59.7	1.43	1.15-1.77	43	33.7	1.25	0.92-1.69	45	26.0	1.69	1.26-2.28
Surface treatment	1291	1216.0	1.05	0.98-1.12	728	666.8	1.06	0.98-1.16	563	549.2	1.03	0.94-1.13

<sup>a</sup>Observed cases

<sup>b</sup>Expected cases