

Table 2: Risk of dying due to tumours of the digestive system in towns lying at a distance of less than 5 kilometres from pre-1990 metal production and processing installations that released pollution to air, estimated using Poisson mixed regression models, by type of industrial activity.

	TOTAL			MEN			WOMEN		
	Obs ^a	RR	95%CI	Obs ^a	RR	95%CI	Obs ^a	RR	95%CI
Oral and pharyngeal cancer									
Multiple pollution sources	1610	1.04	0.97-1.13	1364	1.06	0.97-1.15	246	1.15	1.00-1.32
Steel	335	0.81	0.72-0.92	283	0.81	0.71-0.93	52	0.87	0.66-1.15
Galvanizing	44	1.08	0.80-1.46	41	1.16	0.85-1.59	3	0.53	0.17-1.65
Ferrous metals	122	0.85	0.71-1.03	105	0.86	0.70-1.05	17	0.95	0.58-1.53
Non-ferrous metals	475	0.98	0.87-1.10	401	0.96	0.85-1.09	74	1.05	0.83-1.33
Surface treatment	195	1.07	0.91-1.27	166	1.09	0.91-1.31	29	1.08	0.75-1.57
Oesophageal cancer									
Multiple pollution sources	1238	1.02	0.93-1.11	1091	1.00	0.91-1.10	147	1.14	0.90-1.45
Steel	333	0.99	0.87-1.13	294	0.96	0.84-1.10	39	1.19	0.84-1.68
Galvanizing	35	1.07	0.76-1.51	31	1.06	0.74-1.52	4	1.24	0.45-3.39
Ferrous metals	125	1.03	0.85-1.24	103	0.94	0.77-1.16	22	1.81	1.16-2.84
Non-ferrous metals	360	0.90	0.79-1.03	314	0.94	0.82-1.09	46	0.91	0.64-1.27
Surface treatment	160	0.97	0.81-1.17	145	0.97	0.80-1.19	15	0.92	0.52-1.62
Stomach cancer									
Multiple pollution sources	3276	0.99	0.94-1.04	2064	0.99	0.93-1.06	1212	0.98	0.90-1.07
Steel	1141	1.02	0.95-1.10	707	0.99	0.91-1.09	434	1.09	0.97-1.22
Galvanizing	114	1.16	0.96-1.41	71	1.23	0.97-1.57	43	1.07	0.79-1.46
Ferrous metals	305	1.03	0.92-1.16	192	0.99	0.86-1.15	113	1.11	0.91-1.34
Non-ferrous metals	1322	0.93	0.87-1.00	761	0.88	0.80-0.96	561	1.02	0.91-1.14
Surface treatment	735	1.08	0.98-1.18	457	1.12	1.00-1.26	278	1.04	0.90-1.21
Pancreatic cancer									
Multiple pollution sources	2175	0.95	0.90-1.02	1166	1.00	0.92-1.09	1009	0.91	0.83-1.00
Steel	626	0.97	0.89-1.07	354	1.01	0.90-1.14	272	0.95	0.83-1.08
Galvanizing	68	1.05	0.82-1.33	31	0.93	0.65-1.33	37	1.18	0.84-1.64
Ferrous metals	196	1.04	0.90-1.21	95	0.95	0.77-1.17	101	1.16	0.95-1.42
Non-ferrous metals	822	1.06	0.97-1.15	420	1.04	0.93-1.18	402	1.08	0.95-1.22
Surface treatment	317	1.14	1.00-1.30	173	1.15	0.96-1.36	144	1.11	0.92-1.33
Liver cancer									
Multiple pollution sources	1330	1.06	0.82-1.37	984	1.06	0.95-1.17	346	1.06	0.89-1.26
Steel	459	1.00	0.89-1.11	330	0.99	0.87-1.12	129	1.06	0.87-1.31
Galvanizing	65	1.47	1.14-1.90	49	1.40	1.05-1.88	16	1.75	1.04-2.94
Ferrous metals	83	0.81	0.65-1.01	67	0.87	0.68-1.12	16	0.60	0.36-1.00
Non-ferrous metals	582	1.38	1.23-1.54	407	1.33	1.17-1.52	175	1.48	1.21-1.81
Surface treatment	157	1.01	0.83-1.23	126	1.06	0.85-1.32	31	0.83	0.55-1.25
Gallbladder cancer									
Multiple pollution sources	727	0.87	0.78-0.96	237	0.88	0.74-1.04	490	0.90	0.79-1.02
Steel	214	0.99	0.85-1.16	65	0.89	0.69-1.16	149	1.08	0.90-1.31
Galvanizing	5	0.30	0.12-0.73	3	0.46	0.15-1.44	2	0.19	0.05-0.78
Ferrous metals	61	0.85	0.66-1.11	18	0.79	0.49-1.26	43	0.92	0.68-1.26
Non-ferrous metals	249	1.15	0.98-1.35	91	1.16	0.91-1.48	158	1.15	0.94-1.39
Surface treatment	134	1.26	1.03-1.54	47	1.38	1.00-1.89	87	1.26	0.98-1.61
Colorectal cancer									
Multiple pollution sources	6665	1.04	1.00-1.08	3792	1.04	0.99-1.10	2873	1.04	0.98-1.09
Steel	1859	1.05	1.00-1.11	1056	1.02	0.95-1.09	803	1.09	1.01-1.18
Galvanizing	217	1.20	1.05-1.38	133	1.27	1.06-1.51	84	1.10	0.88-1.37
Ferrous metals	508	0.96	0.88-1.05	290	0.95	0.84-1.07	218	0.97	0.85-1.12
Non-ferrous metals	2323	1.09	1.03-1.15	1285	1.09	1.01-1.17	1038	1.08	1.00-1.17
Surface treatment	943	1.14	1.06-1.23	532	1.13	1.02-1.24	411	1.16	1.03-1.30

^aObserved