

Table 1: Risk of dying due to tumours of the digestive system in towns lying at a distance of less than 5 kilometres from metal production and processing installations, estimated using Poisson mixed regression models.

	METAL (ALL)			PRE-1990			PRE-1990 INSTALLATIONS					
	INSTALLATIONS			INSTALLATIONS			AIR			ONLY WATER		
	Obs <sup>a</sup>	RR	95%CI	Obs <sup>a</sup>	RR	95%CI	Obs <sup>a</sup>	RR	95%CI	Obs <sup>a</sup>	RR	95%CI
Oral and pharyngeal cancer												
Total	4823	0.96	0.92-1.01	4551	0.98	0.94-1.03	2781	0.97	0.92-1.03	1770	0.99	0.93-1.05
Men	4061	0.96	0.91-1.01	3833	0.99	0.94-1.04	2360	0.98	0.92-1.04	1473	0.99	0.92-1.06
Women	762	1.02	0.92-1.12	718	1.01	0.92-1.12	421	1.05	0.93-1.18	297	0.98	0.86-1.11
Oesophageal cancer												
Total	3868	0.95	0.90-1.00	3655	0.97	0.92-1.02	2251	0.98	0.92-1.05	1404	0.96	0.89-1.03
Men	3403	0.93	0.88-0.98	3210	0.96	0.91-1.01	1978	0.97	0.90-1.04	1232	0.94	0.88-1.02
Women	465	1.05	0.91-1.21	445	1.08	0.94-1.24	273	1.11	0.94-1.32	172	1.03	0.85-1.26
Stomach cancer												
Total	12397	1.00	0.97-1.03	11672	1.00	0.97-1.03	6893	1.00	0.97-1.04	4779	0.99	0.95-1.03
Men	7602	0.99	0.96-1.03	7191	1.00	0.96-1.04	4252	0.99	0.95-1.04	2939	1.01	0.96-1.06
Women	4795	1.02	0.97-1.06	4481	1.00	0.95-1.05	2641	1.03	0.97-1.09	1840	0.97	0.91-1.03
Pancreatic cancer												
Total	7719	0.98	0.94-1.01	7284	0.99	0.95-1.02	4203	1.00	0.96-1.05	3081	0.97	0.92-1.02
Men	4122	1.00	0.95-1.05	3899	1.01	0.96-1.06	2238	1.02	0.96-1.08	1661	1.00	0.94-1.07
Women	3597	0.96	0.91-1.01	3385	0.96	0.91-1.01	1965	0.99	0.92-1.05	1420	0.93	0.87-1.00
Liver cancer												
Total	5154	1.05	1.00-1.10	4875	1.06	1.01-1.11	2676	1.11	1.04-1.18	2199	1.01	0.95-1.07
Men	3768	1.05	1.00-1.11	3551	1.06	1.00-1.12	1963	1.10	1.02-1.17	1588	1.02	0.96-1.10
Women	1386	1.05	0.96-1.14	1324	1.05	0.96-1.14	713	1.14	1.01-1.27	611	0.98	0.87-1.09
Gallbladder cancer												
Total	2652	1.00	0.94-1.06	2514	0.99	0.93-1.05	1390	0.96	0.89-1.04	1124	1.01	0.94-1.10
Men	895	1.02	0.93-1.12	852	1.03	0.93-1.13	461	0.96	0.85-1.09	391	1.10	0.97-1.25
Women	1757	1.01	0.94-1.09	1662	0.99	0.92-1.06	929	1.00	0.91-1.09	733	0.98	0.89-1.08
Colorectal cancer												
Total	23217	1.04	1.02-1.07	21883	1.04	1.02-1.07	12514	1.06	1.03-1.09	9369	1.02	1.00-1.05
Men	13057	1.05	1.03-1.08	12256	1.05	1.02-1.08	7088	1.06	1.02-1.09	5168	1.04	1.00-1.08
Women	10160	1.03	1.00-1.06	9627	1.04	1.00-1.07	5426	1.06	1.02-1.11	4201	1.01	0.96-1.05

<sup>a</sup>Observed