

Table VI-6

Model Predictions of Additional Lung Cancer Deaths per 1000 Workers<sup>a</sup> Exposed to Various Concentrations of Cr(VI) Based on the Luippold Cohort and Crump Dose Coefficients

Model	0.25	0.5	1.0	5	10	20	52
Relative Risk	0.52 [0.31 - 0.79]	1.0 [0.62-1.6]	2.1 [1.2-3.1]	10 [6.2-15]	21 [12- 31]	41 [21-60]	101 [62 -147]
Additive Risk	0.55 [0.36- 0.82]	1.1 [0.67-1.6]	2.2 [1.3-3.3]	11 [6.7-16]	22 [13- 32]	43 [27-64]	108 [67 - 155]

<sup>a</sup> The workers are assumed to start work at age 20 and continue to work for 45 years, at a constant exposure level.

Maximum likelihood estimates and 95% confidence intervals are shown.

These estimates were derived from the Crump et al. risk models using the exposure coefficients reported in section VI.D and a lifetable using 2000 U.S. mortality rates for all causes and lung cancer.