

are described in the 2003 Environ report  
(Ex. 33-12, p. 8-9).  
BILLING CODE 4510-26-P

**Table VI-2**

Environ (2003, Ex. 33-12): Model Predictions of Excess Lung Cancer Deaths per 1000 Workers<sup>a</sup> Exposed to Various Cr(VI) Concentrations, by Model, Reference Population, and Exposure Grouping

Model	Reference Population	Exposure Grouping	Cr(VI) Concentration ( $\mu\text{g}/\text{m}^3$ ) [95% Confidence Interval]							
			0.25	0.5	1.0	5	10	20	52	
Relative Risk Model (E1)	Maryland State	Equal Cases/group	1.9 [0.9-3.6]	3.8 [1.8-7.2]	7.5 [3.7-14]	37 [18-69]	72 [36-132]	137 [57-240]	305 [168-471]	
		Equal PYRs/group	2.0	4.0	8.0	39	76	144	318	
	Baltimore City	Equal Cases/group	2.1 [0.6-4.0]	4.3 [1.3-8.0]	8.5 [2.5-16]	42 [12-77]	81 [25-145]	153 [49-258]	334 [120-500]	
		Equal PYRs/group	2.3 [1.0-3.6]	4.6 [1.3-8.0]	9.1 [4.1-14]	45 [20-68]	86 [40-130]	163 [78-237]	351 [186-467]	
Additive Risk Model (E4)	Maryland State	Equal Cases/group	2.4 [1.0-3.9]	4.7 [2.0-7.8]	9.4 [4.0-16]	46 [20-75]	89 [39-142]	170 [76-256]	373 [181-493]	
		Equal PYRs/group	2.4	4.7	9.4	46	89	170	373	
	Baltimore City	Equal Cases/group	2.1 [0.7-3.7]	4.2 [1.5-7.5]	8.4 [3.0-15]	41 [15-72]	80 [29-137]	152 [58-253]	342 [141-511]	
		Equal PYRs/group	2.4 [1.2-4.0]	4.8 [2.4-7.9]	10 [4.7-16]	47 [23-76]	92 [46-145]	174 [91-264]	380 [214-530]	
Cox Model C1	N/A	Equal Cases/group	2.2 [1.0-3.8]	4.4 [2.0-7.5]	8.8 [3.9-15]	43 [19-72]	84 [38-138]	161 [74-254]	356 [181-513]	
		Equal PYRs/group	0.66 [0.3-0.9]	1.3 [0.6-1.9]	2.7 [1.3-3.8]	15 [6.7-21]	32 [14-49]	N/A	363 [110-606]	
Cox Model C2	N/A	N/A	1.8 [0.7-3.4]	3.5 [1.4-6.8]	7.1 [2.7-14]	35 [13-66]	68 [27-125]	129 [52-229]	290 [128-456]	

<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.