

## Appendix C: Washington Data on Blood Lead Levels

Washington state blood lead data collected during years 2001 through 2007 for children 0 through 6 years of age were used in this economic analysis. Each year, about 1% of children in this age group were tested, with a total of 75,385 blood lead test results reported to DOH during the four year period.

Due to the small percentage of children tested and the lack of information about who is tested or why they were chosen, it is unclear how closely the data reflect the true state of BLLs in Washington children. The test data could be an underestimate or an overestimate of the actual levels.

The numbers used for the economic analysis came from several different queries of the DOH blood lead registry by two different people. Some minor differences were seen in the results of the various queries, indicating that the numbers should be considered close approximations, and not necessarily exact summaries, of the data from the registry.

Table C - 1

Proportion of Washington children age 0-6 tested with blood lead level in specified ranges																
Blood Lead Level	2001		2002		2003		2004		2005		2006		2007		2001--2007 combined	
micrograms / deciliter	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
0-1.9	65.73%	2367	59.52%	4014	44.79%	2563	62.12%	3042	70.18%	3520	68.40%	3440	76.06%	5082	63.75%	24028
2-4.9	25.16%	906	32.64%	2201	47.43%	2714	31.33%	1534	24.26%	1217	26.55%	1335	19.96%	1334	29.82%	11241
5-9.9	7.78%	280	6.67%	450	6.69%	383	5.49%	269	4.35%	218	4.10%	206	3.22%	215	5.36%	2021
10-14.9	0.86%	31	0.71%	48	0.58%	33	0.74%	36	0.70%	35	0.64%	32	0.40%	27	0.64%	242
15-19.9	0.31%	11	0.28%	19	0.33%	19	0.25%	12	0.26%	13	0.12%	6	0.13%	9	0.24%	89
20-29.9	0.08%	3	0.15%	10	0.12%	7	0.06%	3	0.12%	6	0.12%	6	0.13%	9	0.12%	44
30-39.9	0.06%	2	0.03%	2	0.03%	2	0.02%	1	0.10%	5	0.06%	3	0.06%	4	0.05%	19
40-49.9	0.03%	1	0.00%	0	0.02%	1	0.00%	0	0.04%	2	0.00%	0	0.01%	1	0.01%	5
50-59.9	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.02%	1	0.00%	0	0.00%	1
60+	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.01%	1	0.00%	1
Total		3601		6744		5722		4897		5016		5029		6682		37691
% population		0.6%		1.1%		0.9%		0.8%		0.8%		0.8%		1.1%		0.9%