

Errata sheet, October 2014

Table A-2 (pages 57 - 58) in OEHHA's Report on Lead PBPK modeling dated October 2013 has been corrected after discovering a data transfer error. Predicted post-strike BLLs and measured minus predicted BLL, or model performance (Columns 6 and 7 in Table A-2, respectively) were transferred from a table (not included in the document) containing data from the final model run. The values in the table from that final model run were sorted by pre-strike job tenure (column 2 of Table A-2) then copied to Table A-2 in the report which was sorted by Subject ID (column 1). This caused a mismatch between the values for Columns 1 - 5 and Columns 6 - 7 in Table A-2, but the conclusions were based on the correct information. Below is a new Table A-2 containing the correct values. This correction reproduces Figure A-1 and does not alter our conclusions about the fit of the adjusted core model.

Table A-2: Estimate of fit of predicted to observed BLLs for 47 smelter workers¹

Subject	Prestrike job tenure (days)	Measured pre-employment BLL($\mu\text{g}/\text{dL}$)	Estimated pre-strike BLL($\mu\text{g}/\text{dL}$)	Measured post-strike BLL($\mu\text{g}/\text{dL}$)	Predicted post-strike BLL($\mu\text{g}/\text{dL}$)	Measured minus predicted BLL
91	742	16	42.9	33	26	7
237	1106	36	54.8	39	44	-5
227	1148	18	54.3	34	34	0
218	1162	14	34.1	23	21	2
202	1288	26	60.4	47	42	5
191	1499	19	39	31	27	4
177	1582	35	55.4	40	44	-4
161	1617	21	46.7	22	31	-9
106	1818	17	37.8	24	25	-1
101	1953	22	52.1	37	35	2
88	1959	14	37.8	26	23	3
63	1960	20	42.4	34	25	6
73	1960	20	32.2	31	25	6
474	1960	17	38.5	31	29	5
299	2247	13	47.8	27	28	-1
6	2266	14	38.2	36	23	13
288	2266	27	43.3	40	34	6
286	2268	12	41.8	28	24	4
257	2346	34	41.6	36	38	-2
225	2408	26	52.2	47	37	10

Subject	Prestrike job tenure (days)	Measured pre-employment BLL($\mu\text{g}/\text{dL}$)	Estimated pre-strike BLL($\mu\text{g}/\text{dL}$)	Measured post-strike BLL($\mu\text{g}/\text{dL}$)	Predicted post-strike BLL($\mu\text{g}/\text{dL}$)	Measured minus predicted BLL
221	2415	20	43.7	39	20	13
226	2415	10	36.5	33	30	9
203	2485	16	55.2	26	34	-8
188	2541	24	41	39	31	8
159	2653	18	49.5	38	32	6
158	2660	26	42.4	36	33	3
157	2667	27	54.5	31	39	-8
115	2912	33	45.8	35	39	-4
138	2928	10	52.4	21	30	-9
108	2979	33	43.9	40	38	2
67	3043	18	42.5	26	28	-2
62	3045	17	56.1	35	36	-1
68	3045	24	57.4	40	39	1
59	3052	13	46.7	23	28	-5
54	3060	34	43.9	38	39	-1
45	3066	22	52.3	37	29	0
47	3066	24	35.8	29	35	2
36	3070	35	49.9	44	42	2
33	3071	21	39.9	24	21	-1
34	3071	17	26.7	20	24	-4
39	3071	13	39.3	20	29	-5
14	3077	20	37.3	28	27	1
8	3080	10	57	41	20	-10
15	3080	10	35.3	10	34	7
5	3084	11	30.5	17	18	-1
27	3084	20	34.1	32	26	6
23	3087	10	37.2	10	21	-11
Average	2433	20.4	44.3	31.5	30.6	0.9
Standard error	98.3	1.1	1.2	1.3	1.0	0.9

¹ The attributes of the 19 subjects we excluded from the dataset did not significantly alter the average (Standard error) estimates of the 66 subjects presented in (Hattis 1981) for variables other than pre-strike BLLs. (job tenure 2433 (98.3) versus 2255 (102) days, pre-employment BLL 20 (1.1) versus 20 (0.97) $\mu\text{g}/\text{dL}$, pre-strike BLL 44 (1.2) versus 49 (1.71) $\mu\text{g}/\text{dL}$, post-strike BLL 31 (1.3) versus 33 (1.20) $\mu\text{g}/\text{dL}$). BLL, blood lead level; $\mu\text{g}/\text{dL}$, micrograms per deciliter