

**Lead: Human Exposure and Health Risk Assessments for Selected Case Studies
Volume II. Appendices**

[EPA-452/R-07-014b]

October 2007

Errata – October 10, 2008

1. p. A-72 – A footnote was inadvertently omitted from Attachment A-2 (Table 4). The footnote should have been associated with entries for mean and 95th percentile ratio of max quarterly mean to annual mean and for mean ratio of max monthly mean to annual mean for urban sites in CBSAs \geq 1M population. This footnote should have stated “These values rounded to 2.5, 7.6 and 4.0, respectively, in a preliminary analysis of 92 sites in this subset. Subsequent QA lead to a change in dataset and the statistical metric values.” Corrected Table shown on following page.
2. p. B-19, EC/R Incorporated. (2006) – The citation is incorrect. The correct citation is as follows: EC/R Incorporated. (2006) Secondary Lead Smelter Industry– Source Characterization for Residual Risk Assessment. Prepared for U. S. Environmental Protection Agency, Office of Air and Radiation, Office of Air Quality Planning and Standards; November.
3. p. G-47, Freed et al (1983) – The citation is incorrect. The correct citation is as follows: Freed, J. R.; Chambers, T.; Christie, W. N.; Carpenter, C. E. (1983) Methods for Assessing Exposure to Chemical Substance (Volume 2). EPA 560/5-83-015: pp.70-73. USEPA, Office of Toxic Substances.
4. p. E-22, Alabama National Resources Conservation Service (2006) – The citation is incorrect. The correct citation is as follows: National Resources Conservation Service (NRCS). (2006) Soil Survey Geographic (SSURGO) Database for Pike County. Fort Worth, TX: U.S. Department of Agriculture (USDA). Available online at: <http://soildatamart.nrcs.usda.gov/Survey.aspx?County=AL109>.

TSP Category	Ratio	Sites	min	pct5	pct10	pct15	pct20	pct25	pct30	pct35	pct40	pct45	median	mean	pct55	pct60	pct65	pct70	pct75	pct80	pct85	pct90	pct95	max
All sites	ratio of max quarterly mean to annual mean	189	1.0000	1.1135	1.2080	1.2852	1.3433	1.3848	1.4837	1.5299	1.6127	1.7079	1.7846	2.3541	1.8893	2.0025	2.1421	2.3164	2.5474	2.7853	3.2023	3.9233	5.9868	12.0000
	ratio of max monthly mean to annual mean		1.0000	1.3553	1.5556	1.8176	1.9537	2.1475	2.2817	2.4036	2.5471	2.6265	2.8310	4.4159	2.9634	3.5018	4.0128	4.4273	4.9871	5.7675	6.5038	8.5462	11.8424	39.0000
	ratio of 2nd max monthly mean to annual mean		0.0000	1.1211	1.3057	1.4296	1.5822	1.6784	1.7597	1.8311	1.9092	2.0346	2.1246	2.5728	2.2033	2.3015	2.4453	2.5908	2.7650	3.0986	3.5200	3.9800	6.6439	12.1935
Source-oriented sites	ratio of max quarterly mean to annual mean	60	1.0000	1.0787	1.2484	1.3167	1.3529	1.3966	1.5077	1.5205	1.5559	1.7079	1.7571	2.0471	1.8085	1.9070	1.9759	2.1285	2.3486	2.4706	2.7642	3.2865	3.8592	7.5516
	ratio of max monthly mean to annual mean		1.0000	1.4735	1.8318	1.9768	2.1641	2.2716	2.3528	2.5202	2.5824	2.7379	2.9086	3.7485	3.0625	3.5073	3.6900	4.0401	4.5092	4.6536	5.3012	6.2826	10.2029	13.5518
	ratio of 2nd max monthly mean to annual mean		1.0000	1.4088	1.6543	1.6815	1.7864	1.8292	1.8838	1.9438	2.0124	2.1000	2.1723	2.4356	2.2784	2.4017	2.5034	2.5293	2.6395	2.7960	3.3263	3.5193	3.8639	9.8590
Non-source-oriented sites	ratio of max quarterly mean to annual mean	129	1.0000	1.1368	1.2034	1.2648	1.3095	1.3826	1.4753	1.5591	1.6332	1.7079	1.8151	2.4980	1.9665	2.0293	2.2498	2.4153	2.6899	2.9390	3.4555	4.1647	7.3577	12.0000
	ratio of max monthly mean to annual mean		1.0000	1.3140	1.4769	1.6578	1.8680	2.0164	2.2496	2.3671	2.5200	2.5851	2.7967	4.7287	2.9508	3.4823	4.0858	4.5723	5.5927	6.3223	7.6473	9.1396	12.1935	39.0000
	ratio of 2nd max monthly mean to annual mean		0.0000	1.0746	1.2445	1.3294	1.4296	1.5582	1.6657	1.7556	1.8372	1.9200	2.1185	2.6371	2.1818	2.2633	2.3912	2.6316	2.8245	3.2174	3.8274	4.5000	7.5267	12.1935
Previous source-oriented sites	ratio of max quarterly mean to annual mean	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.2844	1.2844	1.4961	1.4961	1.5195	1.5195	2.2049	1.5195	1.7266	1.7266	1.9492	1.9492	2.3170	2.3170	7.5516	7.5516	7.5516
	ratio of max monthly mean to annual mean		1.0000	1.0000	1.0000	1.0000	1.0000	1.7515	1.7515	1.8746	1.8746	2.7626	2.7626	3.4751	2.7626	2.7863	2.7863	3.7062	3.7062	4.6478	4.6478	11.7469	11.7469	11.7469
	ratio of 2nd max monthly mean to annual mean		1.0000	1.0000	1.0000	1.0000	1.0000	1.7759	1.7759	2.1414	2.1414	2.5969	2.5969	4.9066	2.5969	3.0986	3.0986	8.4131	8.4131	9.8590	9.8590	14.2747	14.2747	14.2747
Urban sites	ratio of max quarterly mean to annual mean	140	1.0000	1.1605	1.2504	1.3070	1.3536	1.4227	1.5010	1.5712	1.6427	1.7167	1.7773	2.3313	1.8683	2.0072	2.1508	2.3167	2.5890	2.7581	3.1770	3.9279	5.6878	12.0000
	ratio of max monthly mean to annual mean		1.0000	1.3391	1.5925	1.7771	1.9220	2.1133	2.2936	2.4105	2.5423	2.6341	2.8310	4.2395	2.9518	3.4976	4.0307	4.4998	5.1122	5.8364	6.6889	8.4122	11.7723	36.0000
	ratio of 2nd max monthly mean to annual mean		0.0000	1.1889	1.3271	1.4700	1.6053	1.6784	1.7660	1.8606	1.9967	2.1038	2.1650	2.6532	2.2452	2.3637	2.5051	2.6213	2.7859	3.0213	3.7220	4.1463	7.4078	12.1935
Urban sites in CBSAs ≥ 1M population	ratio of max quarterly mean to annual mean	91	1.0000	1.1077	1.2080	1.2745	1.3095	1.3759	1.4753	1.5167	1.6157	1.6829	1.7366	2.3159*	1.7900	1.8451	2.0496	2.3164	2.4317	2.7033	3.0063	3.8141	7.3577*	12.0000
	ratio of max monthly mean to annual mean		1.0000	1.3046	1.4769	1.6578	1.8346	1.9910	2.2676	2.3690	2.5370	2.5619	2.6726	4.0747*	2.8714	2.9508	3.5868	4.0253	4.6478	5.6357	6.4892	8.0000	9.3770	36.0000
	ratio of 2nd max monthly mean to annual mean		0.0000	1.0746	1.3057	1.4089	1.4965	1.5855	1.6553	1.7491	1.7890	1.8960	2.0982	2.4155	2.1414	2.2633	2.3912	2.5004	2.5969	2.7659	3.0986	3.6621	7.2888	9.8590
Urban sites in CBSAs < 1M population	ratio of max quarterly mean to annual mean	49	1.0000	1.2648	1.3522	1.3838	1.4152	1.5299	1.5608	1.6127	1.6901	1.9505	2.0025	2.3597	2.0091	2.1715	2.2498	2.6223	2.7241	3.1395	3.4555	3.9762	4.8718	7.6772
	ratio of max monthly mean to annual mean		1.0000	1.4392	1.7365	1.9615	2.0898	2.2033	2.3056	2.5035	2.6417	2.9528	3.1207	4.5456	3.5286	4.4055	4.5723	5.0000	5.5497	5.8680	7.3340	9.3326	12.1935	19.1113
	ratio of 2nd max monthly mean to annual mean		1.0000	1.3116	1.6698	1.7451	1.8787	1.9843	2.0346	2.1235	2.1673	2.2033	2.3435	3.0946	2.3684	2.6953	2.7642	2.9302	3.8199	3.9800	4.4010	5.5005	8.4269	12.1935

* These values rounded to 2.5, 7.6 and 4.0 µg/m³, respectively, in a preliminary analysis based on 92 sites in this subset. Subsequent QA led to a change in the data set and the statistical metric values.