



National Blood Lead Proficiency Testing Program May 2009 Testing Event

This nationwide proficiency testing program is supported by Project H 46 MC00123 from the Maternal and Child Health Bureau (Title V, Social Security Act), Health Resources and Services Administration, U.S. Department of Health and Human Services, and administered at the Wisconsin State Laboratory of Hygiene.

HEALTH RESOURCES AND SERVICES ADMINISTRATION

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June 11, 2009

Dear Participant:

Your individual performance report and statistical summary for the monthly blood lead proficiency testing event are attached.

Because most participants in this event (614 of 744) participated in the regulatory testing program, the target value and method statistics tables have been calculated using the much larger pool of data. The graphical figures in the report are restricted to those laboratories reporting only the monthly results.

As always, please contact us with any questions you might have.

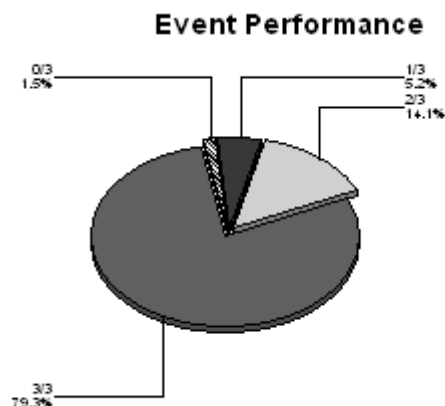
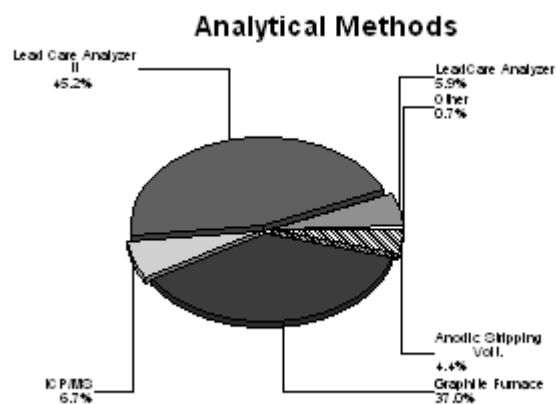
Sincerely,

Noel Stanton
Pb/EPPT Program Supervisor

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Target and Acceptable Range Information, mg/dL

Group	09PB09	09PB10	09PB11
Refereed Methods			
Target Value	9	2	33
Accepted Result	5-13	0-6	29-37
LeadCare®			
Target Value	10	3	41
Accepted Result	6-14	0-7	37-45
LeadCare® II			
Target Value	11	4	40
Accepted Result	7-15	0-8	36-44

Method Statistics

Refereed Group	09PB09	09PB10	09PB11
Referee Laboratories (N=14)			
Mean	8.6	2.4	33.1
Standard Deviation	0.6	0.5	1.0
Number of Results *	14	14	12
All Refereed Methods (N=133)			
Mean*	8.5	2.4	33.0
Standard Deviation*	1.3	0.9	2.2
Participant Results (%Pass)	96	98	92
Anodic Stripping Voltammetry (N=25)			
Mean*	7.2	2.2	33.5
Standard Deviation*	1.6	1.0	2.6
Participant Results (%Pass)	89	96	88
Electrothermal AA (GFAA) (N=92)			
Mean*	8.8	2.5	33.0
Standard Deviation*	1.1	0.9	2.1
Participant Results (%Pass)	98	98	93
ICP-MS (N=16)			
Mean*	8.5	2.2	32.7
Standard Deviation*	0.9	0.4	1.5
Participant Results (%Pass)	94	100	94

* Statistical outliers and alpha-numeric results (e.g. <X) have been excluded from the calculations

† Lack of statistical group consensus; all results deemed acceptable.

LeadCare® Group	09PB09	09PB10	09PB11
LeadCare® (N=221)			
Mean*	10.1	3.1	41.0
Standard Deviation*	1.1	0.6	3.6
Participant Results (%Pass)	96	99	82
LeadCare® II (N=232)			
Mean*	11.1	4.1	40.3
Standard Deviation*	1.6	1.1	4.0
Participant Results (%Pass)	97	95	77

* Statistical outliers and alpha-numeric results (e.g. <X) have been excluded from the calculations

† Lack of statistical group consensus; all results deemed acceptable.

