

Kiddie Kollege Urine Mercury Analysis
NJDHSS Summary Statistics
August 15, 2006

Urine Samples were collected for 69 individuals: 60 children and 9 adults. The following statistics are based on micrograms mercury per gram of creatinine ($\mu\text{g Hg/g creatinine}$).

One of the adults had a missing creatinine level and was excluded from the following analysis. That adult had a relatively low urine mercury level value.

One child, a non-student sibling of a student who occasionally visited the building, had a non-detect urine mercury level. This child was also excluded from the analysis.

	Average Urine Mercury Levels				Percent Tests in Category			
	Number	Average	Min	Max		<5	5-<10	10+
All	67	4.39	0.34	17.54	All	65.7%	28.4%	6.0%
Adults	8	4.63	0.61	11.36	Children	66.1%	28.8%	5.1%
Children	59	4.35	0.34	17.54				

The average level of urine mercury for children and staff was 4.39 micrograms of mercury per gram of creatinine.

The lowest level was below the detection limit for mercury in urine (0.08 micrograms of mercury per liter of urine).

The highest level was 17.54 micrograms of mercury per gram of creatinine.

For children only, the average level was 4.35 micrograms of mercury per gram of creatinine.

For adults only, the average levels was 4.63 micrograms of mercury per gram of creatinine, the lowest level was 0.61 micrograms of mercury per gram of creatinine, and the highest level was 11.36 micrograms of mercury per gram of creatinine.

Over 66% of the children had urine mercury levels less than 5 micrograms of mercury per gram of creatinine.

All children who stopped attending Kiddie Kollege prior to July 20th had urine mercury levels less than 5 micrograms of mercury per gram of creatinine.