

Supplemental Tables

Table S1. Seropositivity associated with blood lead and cadmium levels, for each two-fold increase and across percentiles, among non-smoking NHANES participants, 1999-2012. Ages 13-35 years.

Heavy metal	<i>H. pylori</i>		<i>T. gondii</i>	
	Positive (Weighted %)	AOR (95% CI) ^{a,b}	Positive (Weighted %)	AOR (95% CI) ^{a,c}
Per doubling of blood lead	18.6	1.57 (1.18-2.09)^d	9.3	1.25 (1.12-1.40)
Blood lead concentration (µg/dL)				
Quartile 1	10.1	Ref	5.2	Ref
Quartile 2	17.5	1.62 (0.96-2.73)	7.2	1.26 (0.91-1.75)
Quartile 3	23.5	2.03 (1.17-3.52)	11.3	1.72 (1.26-2.36)
Quartile 4	42.9	3.49 (1.75-6.98)	19.1	1.99 (1.44-2.74)
<i>p for trend</i>		0.0001		<0.0001
Per doubling of blood cadmium	18.6	1.81 (1.29-2.55)	9.3	1.04 (0.87-1.25)
Blood cadmium concentration (µg/L)				
Tertile 1	11.6	Ref	6.0	Ref
Tertile 2	21.8	2.08 (1.52-2.86)	9.4	1.18 (0.80-1.74)
Tertile 3	25.4	2.04 (1.27-3.29)	11.3	1.30 (0.93-1.82)
<i>p for trend</i>		0.0034		0.43

^aMultivariable logistic regression used with survey procedures

^bAdjusted for age, gender, race/ethnicity, country of birth origin, family income, self-reported general health condition, tap water source, and household crowding.

^cAdjusted for NHANES cycle, age, gender, race/ethnicity, country of birth origin, family income, self-reported general health condition, and household crowding.

^dBolded font denotes statistically significant ($\alpha < 0.05$).

Table S2. Seropositivity associated with blood lead and cadmium levels, for each two-fold increase and across percentiles, among non-smoking NHANES participants, 1999-2012. Over 35 years of age.

Heavy metal	<i>H. pylori</i>		<i>T. gondii</i>	
	Positive (Weighted %)	AOR (95% CI) ^{a,b}	Positive (Weighted %)	AOR (95% CI) ^{a,c}
Per doubling of blood lead	31.7	1.10 (0.94-1.28)	15.6	1.21 (1.07-1.37)^d
Blood lead concentration (µg/dL)				
Quartile 1	24.7	Ref	9.0	Ref
Quartile 2	28.4	1.06 (0.61-1.84)	13.0	1.17 (0.78-1.77)
Quartile 3	30.4	1.13 (0.71-1.78)	17.2	1.55 (1.05-2.29)
Quartile 4	37.5	1.18 (0.70-2.00)	18.5	1.44 (0.98-2.10)
<i>p for trend</i>		0.43		0.027
Per doubling of blood cadmium	31.7	1.22 (0.96-1.89)	15.6	1.08 (0.95-1.23)
Blood cadmium concentration (µg/L)				
Tertile 1	25.0	Ref	12.0	Ref
Tertile 2	28.2	0.96 (0.56-1.65)	13.7	1.18 (0.80-1.74)
Tertile 3	34.4	1.06 (0.71-1.58)	17.5	1.30 (0.93-1.82)
<i>p for trend</i>		0.72		0.092

^aMultivariable logistic regression used with survey procedures

^bAdjusted for age, gender, race/ethnicity, country of birth origin, family income, self-reported general health condition, tap water source, and household crowding.

^cAdjusted for NHANES cycle, age, gender, race/ethnicity, country of birth origin, family income, self-reported general health condition, and household crowding.

^dBolded font denotes statistically significant ($\alpha < 0.05$).