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Supplemental Material

Thyroid Antagonists (Perchlorate, Thiocyanate, and Nitrate) and Childhood Growth in a Longitudinal Study of U.S. Girls

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Surrogate Sample	Geometric mean (ug/g Creatinine)		
	Low	Medium	High
Perchlorate			
Baseline	3.33	4.11	5.87
Year 1	3.18	4.29	5.83
Year 3	3.07	4.58	5.67
Nitrate (mg/g creatinine)			
Baseline	422	576	768
Year 1	422	593	746
Year 3	417	564	794
Thiocyanate			
Baseline	463	713	1067
Year 1	460	680	1100
Year 3	471	698	1048
Iodide			
Baseline	127	195	324
Year 1	132	200	304
Year 3	129	210	295

^aAnalyses were conducted on data from 111 girls with three samples collected at baseline, 1 and 3 years after.

The concentration distribution of the 111 samples collected at each time point were used to create tertile cutpoints for assignment of each child into low, medium, or high exposure level. Mean concentrations (low, medium and high) were calculated using the three-year means of the individual children assigned to each exposure group (N \cong 37). All calculations were performed on natural-log transformed data and were back transformed to obtain geometric means.