

## APPENDIX G-4.

### Interaction Tables for the Neurology Assessment Occupation and Diabetic Class Removed from Final Model

This appendix contains exposure analyses results of interactions between covariates and dioxin after occupation and diabetic class have been removed from those final dioxin models (Models 2 through 6) that contained occupation or diabetic class. These tables are supplements to tables in Appendix G-3, which are main effects results with occupation and diabetic class removed from the model. Results are presented for separate strata of the covariate and include sample sizes, percent abnormal, relative risks, confidence intervals, and p-values. Chapter 7, Statistical Methods, provides further details on the analytical approaches used in the interaction analyses. The analysis model, covariate involved in the interaction, and a reference to the analysis table in Chapter 11 are given in the heading of each subtable. A summary of the interactions described in this appendix follows.

Appendix G-4 Table	Chapter 11 Table	Appendix G-3 Table	Dependent Variable	Model	Covariate
G-4-1	11-5	G-3-2	Peripheral Disorders	4 5 6	Lifetime Alcohol History Lifetime Alcohol History Lifetime Alcohol History
G-4-2	11-25	G-3-10	Achilles Reflex	2 3	Lifetime Alcohol History Lifetime Alcohol History
G-4-3	11-28	G-3-13	Vibrotactile Threshold Measurement of Right Great Toe	2 3 4 5 6	Composite Exposure to Heavy Metals Lifetime Alcohol History Lifetime Alcohol History, Composite Exposure to Heavy Metals Lifetime Alcohol History, Composite Exposure to Heavy Metals Lifetime Alcohol History, Composite Exposure to Heavy Metals
G-4-4	11-29	G-3-14	Vibrotactile Threshold Measurement of Left Great Toe	2 4 5 6	Composite Exposure to Heavy Metals Lifetime Alcohol History, Worked with Vibrating Power Equipment or Tools Lifetime Alcohol History, Worked with Vibrating Power Equipment or Tools Lifetime Alcohol History, Worked with Vibrating Power Equipment or Tools
G-4-5	11-30	G-3-15	Tremor	4	Age

**Table G-4-1.**  
**Interaction Table for Peripheral Disorders**  
**Occupation and Diabetic Class Removed from Final Model**

a) MODEL 4: RANCH HANDS — CURRENT DIOXIN — ADJUSTED (Current Dioxin-by-Lifetime Alcohol History: Tables 11-5 and G-3-2)					
Stratum	Current Dioxin Category Summary Statistics		Analysis Results for $\log_2$ (Current Dioxin + 1)		
	Current Dioxin	n	Percent Yes	Adjusted Relative Risk (95% C.I.) <sup>a</sup>	p-Value
<b>0 Drink-years</b>	Low	17	5.9	1.34 (0.82,2.19)	0.248
	Medium	18	22.2		
	High	24	20.8		
<b>&gt;0-40 Drink-years</b>	Low	205	10.2	1.29 (1.10,1.52)	0.002
	Medium	195	20.0		
	High	190	19.5		
<b>&gt;40 Drink-years</b>	Low	67	22.4	0.82 (0.64,1.06)	0.135
	Medium	78	24.4		
	High	73	15.1		

  

b) MODEL 5: RANCH HANDS — CURRENT DIOXIN — ADJUSTED (Current Dioxin-by-Lifetime Alcohol History: Tables 11-5 and G-3-2)					
Stratum	Current Dioxin Category Summary Statistics		Analysis Results for $\log_2$ (Current Dioxin + 1)		
	Current Dioxin	n	Percent Yes	Adjusted Relative Risk (95% C.I.) <sup>a</sup>	p-Value
<b>0 Drink-years</b>	Low	18	5.6	1.37 (0.91,2.07)	0.136
	Medium	14	21.4		
	High	27	22.2		
<b>&gt;0-40 Drink-years</b>	Low	206	11.7	1.25 (1.08,1.43)	0.002
	Medium	201	17.9		
	High	183	20.2		
<b>&gt;40 Drink-years</b>	Low	68	20.6	0.87 (0.71,1.05)	0.148
	Medium	75	25.3		
	High	75	16.0		

**Table G-4-1. (Continued)**  
**Interaction Table for Peripheral Disorders**  
**Occupation and Diabetic Class Removed from Final Model**

c) MODEL 6: RANCH HANDS — CURRENT DIOXIN — ADJUSTED (Current Dioxin-by-Lifetime Alcohol History: Tables 11-5 and G-3-2)				
Stratum	Current Dioxin Category Summary Statistics		Analysis Results for Log <sub>e</sub> (Current Dioxin + 1)	
	Current Dioxin	n	Percent Yes	
<b>0 Drink-years</b>	Low	18	5.6	1.40 (0.92,2.13)      0.116
	Medium	14	21.4	
	High	27	22.2	
<b>&gt;0-40 Drink-years</b>	Low	206	11.7	1.27 (1.09,1.48)      0.002
	Medium	201	17.9	
	High	183	20.2	
<b>&gt;40 Drink-years</b>	Low	68	20.6	0.88 (0.72,1.08)      0.224
	Medium	75	25.3	
	High	75	16.0	

<sup>a</sup> Relative risk for a twofold increase in current dioxin.

Note: Model 4: Low =  $\leq$  8.1 ppt; Medium = > 8.1-20.5 ppt; High = > 20.5 ppt.  
 Models 5 and 6: Low =  $\leq$  46 ppq; Medium = > 46-128 ppq; High = > 128 ppq.

**Table G-4-2.**  
**Interaction Table for Achilles Reflex**  
**Occupation and Diabetic Class Removed from Final Model**

a) MODEL 2: RANCH HANDS — INITIAL DIOXIN — ADJUSTED (Initial Dioxin-by-Lifetime Alcohol History: Tables 11-25 and G-3-10)					
Stratum	Initial Dioxin Category Summary Statistics			Analysis Results for Log <sub>2</sub> (Initial Dioxin)	
	Initial Dioxin	n	Percent Abnormal	Adjusted Relative Risk (95% C.I.) <sup>a</sup>	p-Value
<b>0 Drink-years</b>	Low	10	0.0	1.88 (0.96,3.68)	0.066
	Medium	12	16.7		
	High	17	29.4		
<b>&gt;0-40 Drink-years</b>	Low	118	10.2	1.02 (0.76,1.37)	0.919
	Medium	108	13.0		
	High	105	6.7		
<b>&gt;40 Drink-years</b>	Low	42	14.3	0.86 (0.51,1.46)	0.586
	Medium	48	4.2		
	High	43	7.0		

  

b) MODEL 3: RANCH HANDS AND COMPARISONS BY DIOXIN CATEGORY — ADJUSTED (Dioxin Category-by-Lifetime Alcohol History: Tables 11-25 and G-3-10)					
Stratum	Dioxin Category	n	Percent Abnormal	Adjusted Relative Risk (95% C.I.) <sup>b</sup>	p-Value
<b>0 Drink-years</b>	Comparison	54	7.4		
	Background RH	20	0.0		
	Low RH	15	6.7	0.94 (0.10,9.15)	0.957
	High RH	24	25.0	4.27 (1.06,17.22)	0.041
	Low plus High RH	39	18.0	2.81 (0.75,10.47)	0.124
<b>&gt;0-40 Drink-years</b>	Comparison	706	8.1		
	Background RH	258	8.5	1.03 (0.61,1.74)	0.914
	Low RH	169	10.7	1.12 (0.63,1.99)	0.688
	High RH	162	9.3	1.32 (0.71,2.46)	0.373
	Low plus High RH	331	10.0	1.21 (0.76,1.92)	0.423
<b>&gt;40 Drink-years</b>	Comparison	281	11.7		
	Background RH	86	12.8	1.14 (0.54,2.39)	0.731
	Low RH	69	11.6	0.93 (0.40,2.14)	0.862
	High RH	64	4.7	0.40 (0.12,1.39)	0.144
	Low plus High RH	133	8.3	0.68 (0.33,1.41)	0.302

<sup>a</sup> Relative risk for a twofold increase in initial dioxin.

<sup>b</sup> Relative risk and confidence interval relative to Comparisons.

--: Adjusted relative risk, confidence interval, and p-value not presented due to the sparse number of abnormalities.

Note: Model 2: Low = 39-98 ppt; Medium = > 98-232 ppt; High = > 232 ppt.

Model 3: RH = Ranch Hand.

Comparison: Current Dioxin ≤ 10 ppt.

Background (Ranch Hand): Current Dioxin ≤ 10 ppt.

Low (Ranch Hand): Current Dioxin > 10 ppt, 10 ppt < Initial Dioxin ≤ 143 ppt.

High (Ranch Hand): Current Dioxin > 10 ppt, Initial Dioxin > 143 ppt.

**Table G-4-3.**  
**Interaction Table for Vibrotactile Threshold Measurement of Right Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

<b>a) MODEL 2: RANCH HANDS — INITIAL DIOXIN — ADJUSTED</b> (Initial Dioxin-by-Composite Exposure to Heavy Metals: Tables 11-28 and G-3-13)					
Initial Dioxin Category Summary Statistics				Analysis Results for Log <sub>2</sub> (Initial Dioxin)	
Stratum	Initial Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
No	Low	142	15.67	-0.0039 (0.0417)	0.926
	Medium	140	21.19		
	High	129	15.71		
	Yes	29	13.78	0.2477 (0.0825)	0.003
	Medium	27	20.97		
	High	36	27.35		

  

<b>b) MODEL 3: RANCH HANDS AND COMPARISONS BY DIOXIN CATEGORY — ADJUSTED</b> (Dioxin Category-by-Lifetime Alcohol History: Tables 11-28 and G-3-13)					
Stratum	Dioxin Category	n	Adjusted Mean <sup>a</sup>	Difference of Adjusted Mean vs. Comparisons (95% C.I.) <sup>c</sup>	p-Value <sup>d</sup>
0 Drink-years	Comparison	54	12.38		
	Background RH	20	14.88	2.50 --	0.507
	Low RH	15	18.45	6.07 --	0.196
	High RH	24	23.43	11.05 --	0.014
	Low plus High RH	39	21.52	9.14 --	0.014
>0-40 Drink-years	Comparison	706	17.91		
	Background RH	260	14.05	-3.86 --	0.002
	Low RH	169	18.47	0.56 --	0.737
	High RH	162	18.11	0.20 --	0.907
	Low plus High RH	331	18.29	0.38 --	0.768
>40 Drink-years	Comparison	281	17.55		
	Background RH	86	22.22	4.66 --	0.071
	Low RH	69	15.04	-2.52 --	0.277
	High RH	64	21.03	3.48 --	0.218
	Low plus High RH	133	17.92	0.37 --	0.951

**Table G-4-3. (Continued)**  
**Interaction Table for Vibrotactile Threshold Measurement of Right Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

<b>c) MODEL 4: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Lifetime Alcohol History: Tables 11-28 and G-3-13)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
<b>0 Drink-years</b>	Low	17	14.25	0.1326 (0.0864)	0.125
	Medium	18	16.41		
	High	24	27.66		
<b>&gt;0-40 Drink-years</b>	Low	206	13.47	0.0876 (0.0321)	0.007
	Medium	196	18.56		
	High	189	18.68		
<b>&gt;40 Drink-years</b>	Low	68	20.56	-0.0382 (0.0503)	0.447
	Medium	78	18.49		
	High	73	20.47		

  

<b>d) MODEL 4: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Composite Exposure to Heavy Metals: Tables 11-28 and G-3-13)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
<b>No</b>	Low	254	14.65	0.0322 (0.0283)	0.255
	Medium	246	17.96		
	High	235	18.03		
<b>Yes</b>	Low	37	13.19	0.2120 (0.0634)	<0.001
	Medium	46	17.08		
	High	51	25.75		

  

<b>e) MODEL 5: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Lifetime Alcohol History: Tables 11-28 and G-3-13)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
<b>0 Drink-years</b>	Low	18	16.20	0.1022 (0.0719)	0.156
	Medium	14	15.24		
	High	27	27.83		
<b>&gt;0-40 Drink-years</b>	Low	208	13.17	0.0802 (0.0278)	0.004
	Medium	200	18.98		
	High	183	18.57		
<b>&gt;40 Drink-years</b>	Low	69	21.03	-0.0420 (0.0416)	0.313
	Medium	75	18.51		
	High	75	19.84		

**Table G-4-3. (Continued)**  
**Interaction Table for Vibrotactile Threshold Measurement of Right Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

<b>f) MODEL 5: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Composite Exposure to Heavy Metals: Tables 11-28 and G-3-13)					
Current Dioxin Category Summary Statistics				Analysis Results for Log <sub>2</sub> (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
No	Low	259	14.42	0.0288 (0.0240)	0.230
	Medium	244	18.17		
	High	232	18.01		
Yes	Low	36	14.33	0.1657 (0.0554)	0.003
	Medium	45	17.59		
	High	53	23.21		

<b>g) MODEL 6: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Lifetime Alcohol History: Tables 11-28 and G-3-13)					
Current Dioxin Category Summary Statistics				Analysis Results for Log <sub>2</sub> (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
0 Drink-years	Low	18	16.19	0.1021 (0.0726)	0.160
	Medium	14	15.26		
	High	27	25.04		
>0-40 Drink-years	Low	207	13.27	0.0753 (0.0297)	0.011
	Medium	200	19.06		
	High	183	18.73		
>40 Drink-years	Low	69	21.05	-0.0424 (0.0426)	0.320
	Medium	75	18.55		
	High	75	20.01		

**Table G-4-3. (Continued)**  
**Interaction Table for Vibrotactile Threshold Measurement of Right Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

h) MODEL 6: RANCH HANDS – CURRENT DIOXIN – ADJUSTED (Current Dioxin-by-Composite Exposure to Heavy Metals: Tables 11-28 and G-3-13)					
Stratum	Current Dioxin Category Summary Statistics			Analysis Results for Log <sub>2</sub> (Current Dioxin + 1)	
	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
No	Low	259	14.38	0.0294 (0.0256)	0.251
	Medium	244	18.19		
	High	232	18.13		
Yes	Low	35	14.85	0.1551 (0.0599)	0.010
	Medium	45	17.56		
	High	53	23.32		

<sup>a</sup> Transformed from natural logarithm scale.

<sup>b</sup> Slope and standard error based on natural logarithm of vibrotactile threshold measurement of right great toe versus log<sub>2</sub> dioxin.

<sup>c</sup> Difference of means after transformation to original scale; confidence interval on difference of means not presented because analysis was performed on natural logarithm scale.

<sup>d</sup> P-value is based on difference of means on natural logarithm scale.

Note: Model 2: Low = 39-98 ppt; Medium = > 98-232 ppt; High = > 232 ppt.

Model 3: Comparison: Current Dioxin ≤ 10 ppt.

Background (Ranch Hand): Current Dioxin ≤ 10 ppt.

Low (Ranch Hand): Current Dioxin > 10 ppt, 10 ppt < Initial Dioxin ≤ 143 ppt.

High (Ranch Hand): Current Dioxin > 10 ppt, Initial Dioxin > 143 ppt.

Model 4: Low = ≤ 8.1 ppt; Medium = > 8.1-20.5 ppt; High = > 20.5 ppt.

Models 5 and 6: Low = ≤ 46 ppq; Medium = > 46-128 ppq; High = > 128 ppq.

**Table G-4-4.**  
**Interaction Table for Vibrotactile Threshold Measurement of Left Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

<b>a) MODEL 2: RANCH HANDS — INITIAL DIOXIN — ADJUSTED</b> <b>(Initial Dioxin-by-Composite Exposure to Heavy Metals: Tables 11-29 and G-3-14)</b>					
Initial Dioxin Category Summary Statistics				Analysis Results for Log <sub>2</sub> (Initial Dioxin)	
Stratum	Initial Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
No	Low	144	16.56	-0.0220 (0.0407)	0.589
	Medium	144	16.83		
	High	134	15.02		
	Yes	29	14.60	0.1619 (0.0815)	0.048
	Medium	28	19.22		
	High	36	23.64		

<b>b) MODEL 4: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> <b>(Current Dioxin-by-Lifetime Alcohol History: Tables 11-29 and G-3-14)</b>					
Current Dioxin Category Summary Statistics				Analysis Results for Log <sub>2</sub> (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
0 Drink-years	Low	17	22.72	0.0149 (0.0851)	0.861
	Medium	18	15.55		
	High	24	23.37		
>0-40 Drink-years	Low	206	14.67	0.0876 (0.0317)	0.006
	Medium	196	19.75		
	High	189	19.93		
>40 Drink-years	Low	68	20.82	-0.0191 (0.0496)	0.700
	Medium	78	20.63		
	High	73	21.33		

<b>c) MODEL 4: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> <b>(Current Dioxin-by-Worked with Vibrating Power Equipment or Tools: Tables 11-29 and G-3-14)</b>					
Current Dioxin Category Summary Statistics				Analysis Results for Log <sub>2</sub> (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
No	Low	232	16.39	0.0233 (0.0300)	0.437
	Medium	223	19.33		
	High	201	18.51		
Yes	Low	59	14.58	0.1356 (0.0477)	0.005
	Medium	69	19.18		
	High	85	24.78		

**Table G-4-4. (Continued)**  
**Interaction Table for Vibrotactile Threshold Measurement of Left Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

<b>d) MODEL 5: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Lifetime Alcohol History: Tables 11-29 and G-3-14)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
0 Drink-years	Low	18	20.70	0.0083 (0.0709)	0.906
	Medium	14	17.92		
	High	27	21.59		
>0-40 Drink-years	Low	208	14.59	0.0781 (0.0274)	0.004
	Medium	200	19.40		
	High	183	20.30		
>40 Drink-years	Low	69	21.37	-0.0311 (0.0410)	0.448
	Medium	75	20.38		
	High	75	20.89		

<b>e) MODEL 5: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Worked with Vibrating Power Equipment or Tools: Tables 11-29 and G-3-14)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
No	Low	241	16.44	0.0149 (0.0256)	0.561
	Medium	214	19.34		
	High	201	18.42		
Yes	Low	54	14.05	0.1107 (0.0404)	0.006
	Medium	75	18.98		
	High	84	25.14		

**Table G-4-4. (Continued)**  
**Interaction Table for Vibrotactile Threshold Measurement of Left Great Toe (microns)**  
**Occupation and Diabetic Class Removed from Final Model**

<b>f) MODEL 6: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Lifetime Alcohol History: Tables 11-29 and G-3-14)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
<b>0 Drink-years</b>	Low	18	20.41	0.0117 (0.0716)	0.871
	Medium	14	17.79		
	High	27	21.75		
<b>&gt;0-40 Drink-years</b>	Low	207	14.47	0.0820 (0.0293)	0.005
	Medium	200	19.37		
	High	183	20.47		
<b>&gt;40 Drink-years</b>	Low	69	21.18	-0.0281 (0.0420)	0.503
	Medium	75	20.33		
	High	75	21.09		

<b>g) MODEL 6: RANCH HANDS — CURRENT DIOXIN — ADJUSTED</b> (Current Dioxin-by-Worked with Vibrating Power Equipment or Tools: Tables 11-29 and G-3-14)					
Current Dioxin Category Summary Statistics				Analysis Results for $\log_2$ (Current Dioxin + 1)	
Stratum	Current Dioxin	n	Adjusted Mean <sup>a</sup>	Adjusted Slope (Std. Error) <sup>b</sup>	p-Value
<b>No</b>	Low	241	16.30	0.0178 (0.0274)	0.516
	Medium	214	19.31		
	High	201	18.57		
<b>Yes</b>	Low	53	13.98	0.1169 (0.0424)	0.006
	Medium	75	18.92		
	High	84	25.28		

<sup>a</sup> Transformed from natural logarithm scale.

<sup>b</sup> Slope and standard error based on natural logarithm of vibrotactile threshold measurement of left great toe versus  $\log_2$  dioxin.

Note: Model 2: Low = 39-98 ppt; Medium = > 98-232 ppt; High = > 232 ppt.

Model 4: Low = ≤ 8.1 ppt; Medium = > 8.1-20.5 ppt; High = > 20.5 ppt.

Models 5 and 6: Low = ≤ 46 ppq; Medium = > 46-128 ppq; High = > 128 ppq.

**Table G-4-5.**  
**Interaction Table for Tremor**  
**Occupation and Diabetic Class Removed from Final Model**

a) MODEL 4: RANCH HANDS — CURRENT DIOXIN — ADJUSTED (Current Dioxin-by-Age: Tables 11-30 and G-3-15)				
Stratum	Current Dioxin Category Summary Statistics		Analysis Results for $\log_2$ (Current Dioxin + 1)	
	Current Dioxin	n	Percent Abnormal	
<b>Born ≥ 1942</b>	Low	97	4.1	0.70 (0.46,1.07)      0.104
	Medium	95	3.2	
	High	164	1.8	
<b>Born &lt; 1942</b>	Low	194	3.6	1.28 (0.87,1.89)      0.207
	Medium	197	0.0	
	High	123	5.7	

<sup>a</sup> Relative risk for a twofold increase in current dioxin.

Note: Model 4: Low =  $\leq 8.1$  ppt; Medium =  $> 8.1\text{-}20.5$  ppt; High =  $> 20.5$  ppt.