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Corrigendum to Benzene and Childhood Acute Leukemia in Oklahoma

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The authors regret that the “All Ages” columns in Tables 4 and 5 for the “Unadjusted” and “Adjusted for Maternal Education” estimates were transposed. The revised Tables 4 and 5 reflect the corrected estimates for the “All Ages” columns.

The authors would like to apologise for any inconvenience caused.

Analysis of benzene classified into quartiles at the census tract of the birth residence and acute leukemia by age at leukemia diagnosis/index age for controls. Estimates are presented as odds ratios (OR) and 95% confidence intervals (CI).

Table 4.

Age at Leukemia Diagnosis/Index Age	All Ages		0–4 years		5–9 years		10–14 years		15–19 years	
Number of Children	1320	OR (95% CI)	663	OR (95% CI)	326	OR (95% CI)	147	OR (95% CI)	184	OR (95% CI)
Unadjusted										
0.11-<0.39 µg/m³	Referent		Referent		Referent		Referent		Referent	
0.39-<0.67 µg/m³	0.98 (0.68, 1.43)		0.92 (0.54, 1.58)		0.99 (0.46, 2.14)		1.45 (0.54, 3.89)		0.81 (0.28, 2.33)	
0.67-<0.91 µg/m³	1.05 (0.72, 1.51)		1.22 (0.73, 2.05)		0.69 (0.32, 1.50)		1.22 (0.39, 3.88)		1.00 (0.38, 2.62)	
0.91-2.03 µg/m³	1.17 (0.81, 1.68)		1.28 (0.76, 2.17)		1.26 (0.62, 2.56)		0.79 (0.27, 2.29)		0.95 (0.36, 2.51)	
Adjusted for Urbanization and Maternal Education										
0.11-<0.39 µg/m³	Referent		Referent		Referent		Referent		Referent	
0.39-<0.67 µg/m³	1.06 (0.71, 1.58)		1.01 (0.56, 1.81)		1.07 (0.46, 2.44)		1.66 (0.53, 5.17)		0.71 (0.23, 2.19)	
0.67-<0.91 µg/m³	1.21 (0.79, 1.87)		1.41 (0.77, 2.61)		0.76 (0.31, 1.88)		1.90 (0.44, 8.12)		0.96 (0.33, 2.82)	
0.91-2.03 µg/m³	1.28 (0.83, 1.97)		1.45 (0.77, 2.73)		1.36 (0.59, 3.16)		1.15 (0.31, 4.24)		0.83 (0.27, 2.60)	
Adjusted for Maternal Education										
0.11-<0.39 µg/m³	Referent		Referent		Referent		Referent		Referent	
0.39-<0.67 µg/m³	0.97 (0.67, 1.41)		0.92 (0.54, 1.58)		0.98 (0.45, 2.11)		1.35 (0.48, 3.75)		0.71 (0.23, 2.15)	
0.67-<0.91 µg/m³	1.07 (0.73, 1.55)		1.25 (0.74, 2.10)		0.67 (0.31, 1.47)		1.37 (0.38, 4.95)		0.96 (0.36, 2.56)	
0.91-2.03 µg/m³	1.13 (0.78, 1.63)		1.28 (0.75, 2.17)		1.21 (0.59, 2.48)		0.86 (0.28, 2.66)		0.83 (0.30, 2.33)	

Analysis of benzene classified into quartiles at the census tract of the birth residence and acute leukemia by year of birth. Estimates are presented as odds ratios (OR) and 95% confidence intervals (CI). Statistically significant estimates are indicated in bold.

Table 5.

Year of Birth Number of Children	All Years		1979–1989		1990–1994		1995–1999		2000–2004		2005–2010	
	1320	OR (95% CI)	136	OR (95% CI)	187	OR (95% CI)	283	OR (95% CI)	457	OR (95% CI)	257	OR (95% CI)
Unadjusted												
0.11–<0.39 µg/m ³	Reference		Reference		Reference		Reference		Reference		Reference	
0.39–<0.67 µg/m ³	0.98 (0.68, 1.43)		0.70 (0.22, 2.24)		1.03 (0.38, 2.81)		0.80 (0.36, 1.76)		1.16 (0.63, 2.15)		1.37 (0.48, 3.91)	
0.67–<0.91 µg/m ³	1.05 (0.72, 1.51)		0.87 (0.29, 2.55)		0.83 (0.28, 2.45)		0.74 (0.36, 1.52)		0.87 (0.45, 1.68)		3.15 (1.22, 8.13)	
0.91–2.03 µg/m ³	1.17 (0.81, 1.68)		0.62 (0.20, 1.90)		1.30 (0.51, 3.29)		0.75 (0.35, 1.60)		1.11 (0.59, 2.07)		3.53 (1.35, 9.27)	
Adjusted for Urbanization and Maternal Education												
0.11–<0.39 µg/m ³	Reference		Reference		Reference		Reference		Reference		Reference	
0.39–<0.67 µg/m ³	1.06 (0.71, 1.58)		0.53 (0.16, 1.79)		1.70 (0.54, 5.28)		0.80 (0.34, 1.86)		1.15 (0.59, 2.25)		2.22 (0.67, 7.39)	
0.67–<0.91 µg/m ³	1.21 (0.79, 1.87)		0.63 (0.17, 2.32)		2.16 (0.58, 8.09)		0.77 (0.34, 1.75)		0.87 (0.40, 1.88)		5.70 (1.69, 19.26)	
0.91–2.03 µg/m ³	1.28 (0.83, 1.97)		0.39 (0.10, 1.56)		3.17 (0.96, 10.49)		0.70 (0.30, 1.65)		1.03 (0.49, 2.17)		6.73 (1.86, 24.40)	
Adjusted for Maternal Education												
0.11–<0.39 µg/m ³	Reference		Reference		Reference		Reference		Reference		Reference	
0.39–<0.67 µg/m ³	0.97 (0.67, 1.41)		0.59 (0.18, 1.91)		1.12 (0.40, 3.17)		0.78 (0.35, 1.75)		1.18 (0.63, 2.19)		1.40 (0.49, 4.01)	
0.67–<0.91 µg/m ³	1.07 (0.73, 1.55)		0.80 (0.26, 2.50)		1.08 (0.34, 3.48)		0.75 (0.36, 1.57)		0.90 (0.46, 1.75)		3.22 (1.24, 8.39)	
0.91–2.03 µg/m ³	1.13 (0.78, 1.63)		0.50 (0.15, 1.69)		1.44 (0.54, 3.89)		0.68 (0.31, 1.50)		1.07 (0.56, 2.02)		3.60 (1.35, 9.55)	