

Supplementary Online Content

Ferguson KK, McElrath TF, Meeker JD. Environmental phthalate exposure and preterm birth. *JAMA Pediatr*. Published online November 18, 2013.
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eTable 1. Spearman Correlation Coefficients (*P* Values) Between Urinary Phthalate Metabolite Averages Across Pregnancy, With Metabolite Measures Standardized to Urinary Specific Gravity

eTable 2. Odds Ratios From Crude Logistic Models of Preterm Birth (<37 Weeks) and Spontaneous Preterm Birth

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 2. Odds Ratios From Crude Logistic Models of Preterm Birth (<37 Weeks) and Spontaneous Preterm Birth

| Phthalate metabolite | Preterm birth | | Spontaneous preterm birth | |
|----------------------|--------------------------------------|---------|--------------------------------------|---------|
| | Odds ratio (95% confidence interval) | p value | Odds ratio (95% confidence interval) | p value |
| MEHP | 1.34 (1.07, 1.68)** | 0.012 | 1.65 (1.20, 2.26)** | 0.002 |
| MEHHP | 1.03 (0.82, 1.30) | 0.784 | 1.27 (0.91, 1.78) | 0.154 |
| MEOHP | 1.16 (0.91, 1.47) | 0.235 | 1.47 (1.04, 2.08)** | 0.030 |
| MECPP | 1.40 (1.13, 1.74)** | 0.002 | 1.56 (1.15, 2.13)** | 0.005 |
| ΣDEHP | 1.33 (1.04, 1.70)** | 0.021 | 1.63 (1.15, 2.31)** | 0.006 |
| MBzP | 1.09 (0.86, 1.38) | 0.492 | 1.41 (1.02, 1.95)** | 0.037 |
| MBP | 1.27 (0.99, 1.63)* | 0.063 | 1.49 (1.08, 2.06)** | 0.014 |
| MiBP | 0.98 (0.72, 1.34) | 0.906 | 1.52 (0.97, 2.38)* | 0.066 |
| MEP | 1.11 (0.93, 1.32) | 0.247 | 1.22 (0.96, 1.56) | 0.101 |
| MCPP | 1.19 (0.95, 1.49) | 0.127 | 1.36 (1.02, 1.81)** | 0.039 |

Models adjusted for average urinary specific gravity only. †Suggestively increased OR of preterm birth in association with ln-unit increase in phthalate level (p<0.10). **Statistically significant (p<0.05) increase.