

Supplementary Online Content

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eTable 1. Distribution of Concentration (ng/mL) of Urinary Phthalate Metabolites in SELMA and TIDES

eTable 2. Description of the Study Populations in SELMA and TIDES: Analysis Subset Compared to Not Included Population

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

eTable 1. Distribution of Concentration (ng/mL) of Urinary Phthalate Metabolites in SELMA and TIDES

| Parent compound | Metabolite ¹⁾ | (Unadjusted) concentration of phthalate metabolites ¹⁾ (ng/mL) | | | | | | | |
|-----------------|--------------------------|---|------|-------|-------|-------------------|------|------|-------|
| | | SELMA (N=963) | | | | TIDES (N=370) | | | |
| | | GM (95% CI) | 50% | 75% | 95% | GM (95% CI) | 50% | 75% | 95% |
| DEP | MEP | 67.6 (62.9, 74.6) | 62.2 | 143.0 | 425.7 | 25.7 (22.1, 30.0) | 25.0 | 64.8 | 366.0 |
| DBP | MBP ²⁾ | 69.4 (66.0, 74.6) | 72.3 | 116.4 | 222.3 | 6.5 (5.6, 7.4) | 7.0 | 18.0 | 47.0 |
| | MiBP | | | | | 4.0 (3.4, 4.5) | 4.3 | 11.0 | 31.5 |
| BBzP | MBzP | 16.1 (15.1, 17.2) | 15.9 | 33.0 | 91.9 | 3.4 (3.0, 4.0) | 3.2 | 8.0 | 39.4 |
| DiDP/DPHP | MHIDP | 1.3 (1.2, 1.4) | 1.3 | 2.3 | 6.4 | | | | |
| DiDP/DPHP | MCiNP | 0.7 (0.67, 0.75) | 0.7 | 1.1 | 2.9 | | | | |
| DEHP | MEHP | 3.8 (3.6, 4.1) | 3.8 | 6.7 | 16.2 | 1.9 (1.7, 2.2) | 2.0 | 4.3 | 17.0 |
| | MEHHP | 16.8 (15.8, 17.8) | 16.5 | 28.4 | 70.2 | 6.0 (5.2, 6.9) | 6.0 | 13.8 | 58.5 |
| | MEOHP | 11.4 (10.7, 12.1) | 11.2 | 19.6 | 50.4 | 4.3 (3.7, 4.9) | 4.1 | 9.6 | 39.0 |
| | MECPP | 16.3 (15.4, 17.2) | 15.7 | 26.6 | 68.5 | 8.1 (7.1, 9.2) | 8.5 | 17.2 | 64.9 |
| | MCMHP | 6.5 (6.1, 6.8) | 5.9 | 10.2 | 31.3 | | | | |

1. Metabolite concentrations were not measured in cells without entries

2. In SELMA, only MBP (but not MiBP) was measured; In TIDES MnBP (shown here as MBP) and MiBP were measured

eTable 2. Description of the Study Populations in SELMA and TIDES: Analysis Subset Compared to Not Included Population

| Study | SELMA | | | TIDES | | |
|---|----------------------------|---|----------------------|----------------------------|---|----------------------|
| | Subset in analysis (N=963) | Children not included in the analyses (N=728) | p-value ¹ | Subset in analysis (N=370) | Children not included in the analyses (N=369) | p-value ¹ |
| Boys (%) | 52.8 | 52.6 | 0.935 | 50.0 | 49.0 | 0.786 |
| Premature birth (<37 weeks) (%) | 4.6 | 6.2 | 0.146 | 10.4 | 5.4 | 0.012 |
| Mother completed university (%) | 65.3 | 57.1 | 0.001 | 76.5 | 72.5 | 0.622 |
| Mother smoked at study entry (%) | 5.3 | 6.6 | 0.260 | 6.2 | 5.4 | 0.642 |
| Mother white/non-Hispanic (%) | 100 | 100 | 1.000 | 74.0 | 82.0 | 0.009 |
| Mother's weight at study entry (mean in kg) | 70.0 | 69.0 | 0.658 | 71.5 | 68.5 | 0.374 |
| Gestational age at urine collection (median in weeks) | 10.0 | 10.0 | 1.000 | 10.9 | 11.0 | 0.965 |

1. P-values for t-test