Concentrations (µg/L) of *phthalate* metabolites in urine samples collected from 101 firefighters in 2010 - 2011 for the Firefighter Occupational Exposures (FOX) Project

<table>
<thead>
<tr>
<th>Phthalate metabolite a, b</th>
<th>Geometric Mean (95% Confidence Interval)</th>
<th>Selected Percentiles</th>
<th>Detection Frequency</th>
<th>Limit of Detection (LOD)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>25th</td>
<td>50th</td>
<td>75th</td>
</tr>
<tr>
<td>mBzP</td>
<td>8.18 (6.56 – 10.20)</td>
<td>3.93</td>
<td>7.76</td>
<td>14.9</td>
</tr>
<tr>
<td>mBP</td>
<td>10.6 (8.83 – 12.82)</td>
<td>5.69</td>
<td>10.6</td>
<td>20.2</td>
</tr>
<tr>
<td>mCPP</td>
<td>1.88 (1.46 – 2.42)</td>
<td>0.819</td>
<td>1.69</td>
<td>4.07</td>
</tr>
<tr>
<td>mCHP</td>
<td>*</td>
<td>&lt;LOD</td>
<td>&lt;LOD</td>
<td>&lt;LOD</td>
</tr>
<tr>
<td>mCEPP</td>
<td>12.3 (10.1 – 14.9)</td>
<td>5.89</td>
<td>12.4</td>
<td>23.2</td>
</tr>
<tr>
<td>mEP</td>
<td>52.9 (38.1 – 73.4)</td>
<td>20.6</td>
<td>46.6</td>
<td>168</td>
</tr>
</tbody>
</table>

a.  See page two for full names of phthalate metabolites.
b.  See page three for explanation of terms.

* Geometric mean was not calculated because the chemical was found in less than 65% of the study group.
Abbreviations, full chemical names of analytes, Chemical Abstracts Service Registry Numbers (CASRNs), and the parent phthalate(s) for analytes measured

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Name of Analyte</th>
<th>CASRN(^a)</th>
<th>Parent Phthalate(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>mBzP</td>
<td>Mono-benzyl phthalate</td>
<td>2528-16-7</td>
<td>Benzylbutyl phthalate (BzBP)</td>
</tr>
<tr>
<td>mBP</td>
<td>Mono-n-butyl phthalate</td>
<td>131-70-4</td>
<td>Di-n-butyl phthalate (DBP), Benzylbutyl phthalate (BzBP)</td>
</tr>
<tr>
<td>mCPP</td>
<td>Mono-(3-carboxypropyl) phthalate</td>
<td>66851-46-5</td>
<td>Di-n-octyl phthalate (DOP)</td>
</tr>
<tr>
<td>mCHP</td>
<td>Mono-cyclohexyl phthalate</td>
<td>7517-36-4</td>
<td>Dicyclohexyl phthalate (DCHP)</td>
</tr>
<tr>
<td>mCEPP</td>
<td>Mono-(2-ethyl-5-carboxypentyl) phthalate</td>
<td>40809-41-4</td>
<td>Di-2-ethylhexyl phthalate (DEHP)</td>
</tr>
<tr>
<td>mEP</td>
<td>Mono-ethyl phthalate</td>
<td>2306-33-4</td>
<td>Diethyl phthalate (DEP)</td>
</tr>
</tbody>
</table>

\(^a\) See page three for explanation of CASRN.
<table>
<thead>
<tr>
<th>Explanation of Terms</th>
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<tbody>
<tr>
<td>µg/L</td>
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<tr>
<td>Metabolite</td>
</tr>
<tr>
<td>Geometric mean</td>
</tr>
<tr>
<td>95% confidence interval</td>
</tr>
<tr>
<td>Percentiles</td>
</tr>
<tr>
<td>Detection frequency (percent detected)</td>
</tr>
<tr>
<td>Limit of detection (LOD)</td>
</tr>
<tr>
<td>Below the limit of detection (&lt;LOD)</td>
</tr>
<tr>
<td>CASRN - Chemical Abstracts Service Registry Number</td>
</tr>
</tbody>
</table>