

## **Supplemental Material**

### **Childhood Exposure to Phthalates - Associations with Thyroid Function, Insulin-like Growth Factor I (IGF-I) and Growth.**

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Supplemental Material, Table 1.

Regression coefficients (B) with 95% confidence intervals and *p*-values for associations between phthalate metabolites and total T4, free T4, total F3 and free T3 in 4-9 years old prepubertal children (n=758). All analyses adjusted for age and gender. \*: *P*<0.05.

	Crude analysis				Creatinine-corrected analysis							
	All		Boys		Girls		All		Boys		Girls	
	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>
<i>Total T4</i>												
MEP	-1.49 (-4.28 - 1.29)	0.293	1.72 (-2.08 - 5.52)	0.375	-5.19 (-9.28 - -1.10)	0.013*	-1.18 (-4.93 - 2.58)	0.538	3.56 (-1.37 - 8.50)	0.156	-7.58 (-13.34 - -1.82)	0.010*
MBP	-2.18 (-5.82 - 1.46)	0.241	-0.59 (-5.36 - 4.18)	0.808	-4.34 (-10.01 - 1.33)	0.133	-1.64 (-7.08 - 3.80)	0.554	0.06 (-6.88 - 6.99)	0.987	-4.28 (-13.22 - 4.66)	0.347
MBzP	-2.34 (-4.39 - -0.28)	0.026*	-2.02 (-4.72 - 0.67)	0.141	-2.78 (-5.99 - 0.43)	0.090	-2.90 (-5.46 - -0.34)	0.027*	-2.74 (-6.04 - 0.56)	0.104	-3.13 (-7.22 - 0.96)	0.133
MEHP	-1.47 (-4.55 - 1.61)	0.348	0.66 (-3.42 - 4.74)	0.751	-4.27 (-8.98 - 0.45)	0.076	-0.65 (-4.37 - 3.07)	0.733	1.63 (-3.31 - 6.57)	0.517	-3.58 (-9.29 - 2.13)	0.218
MEHHP	0.36 (-2.66 - 3.39)	0.815	3.04 (-0.85 - 6.93)	0.126	-3.63 (-8.44 - 1.18)	0.139	2.52 (-1.60 - 6.64)	0.230	6.24 (1.02 - 11.45)	0.019*	-3.42 (-10.17 - 3.32)	0.319
MEOHP	-0.12 (-3.34 - 3.09)	0.939	2.38 (-1.78 - 6.54)	0.261	-3.79 (-8.88 - 1.31)	0.145	1.86 (-2.53 - 6.24)	0.406	5.27 (-0.37 - 10.91)	0.067	-3.18 (-10.21 - 3.85)	0.374
MECPP	-0.77 (-4.07 - 2.53)	0.647	1.45 (-2.94 - 5.83)	0.517	-3.61 (-8.63 - 1.42)	0.159	0.77 (-3.75 - 5.29)	0.738	3.40 (-2.36 - 9.15)	0.247	-3.34 (-10.73 - 4.05)	0.374
MHiNP	-0.54 (-5.35 - 4.26)	0.824	-3.73 (-10.25 - 2.80)	0.260	2.36 (-4.78 - 9.50)	0.514	2.48 (-4.11 - 9.06)	0.460	-2.20 (-11.43 - 7.03)	0.638	6.36 (-3.20 - 15.92)	0.190
MOiNP	-0.60 (-5.61 - 4.40)	0.812	-2.88 (-9.46 - 3.70)	0.388	1.78 (-5.93 - 9.49)	0.649	2.59 (-4.18 - 9.36)	0.451	-0.41 (-9.31 - 8.48)	0.927	5.79 (-4.68 - 16.26)	0.276
MCiOP	-0.31 (-3.34 - 2.72)	0.841	-0.40 (-4.31 - 3.51)	0.840	-0.17 (-5.00 - 4.66)	0.944	1.14 (-2.76 - 5.05)	0.566	0.02 (-4.74 - 4.78)	0.994	3.47 (-3.40 - 10.34)	0.321
ΣDEHP-met.	-0.17 (-3.43 - 3.09)	0.918	2.53 (-1.72 - 6.78)	0.243	-3.94 (-9.02 - 1.14)	0.128	1.91 (-2.64 - 6.46)	0.410	5.65 (-0.15 - 11.45)	0.056	-3.85 (-11.21 - 3.52)	0.305
Phthalate score	-0.17 (-0.46 - 0.13)	0.273	0.07 (-0.32 - 0.47)	0.710	-0.48 (-0.94 - -0.03)	0.037*	-0.13 (-0.52 - 0.27)	0.531	0.24 (-0.27 - 0.76)	0.351	-0.67 (-1.30 - -0.04)	0.037*
<i>Free T4</i>												
MEP	-0.01 (-0.28 - 0.26)	0.926	0.05 (-0.31 - 0.42)	0.772	-0.09 (-0.49 - 0.31)	0.662	-0.07 (-0.43 - 0.29)	0.706	0.15 (-0.33 - 0.63)	0.535	-0.37 (-0.94 - 0.20)	0.201
MBP	-0.04 (-0.39 - 0.31)	0.822	-0.11 (-0.57 - 0.35)	0.647	0.05 (-0.51 - 0.61)	0.861	-0.19 (-0.72 - 0.34)	0.483	-0.11 (-0.78 - 0.56)	0.744	-0.33 (-1.20 - 0.54)	0.458
MBzP	-0.19 (-0.39 - 0.01)	0.059	-0.19 (-0.45 - 0.07)	0.152	-0.20 (-0.51 - 0.12)	0.220	-0.32 (-0.57 - -0.07)	0.012*	-0.26 (-0.58 - 0.06)	0.112	-0.41 (-0.81 - -0.01)	0.042*
MEHP	-0.01 (-0.31 - 0.29)	0.954	0.06 (-0.33 - 0.45)	0.757	-0.10 (-0.57 - 0.36)	0.662	-0.06 (-0.42 - 0.30)	0.749	0.15 (-0.33 - 0.62)	0.537	-0.33 (-0.89 - 0.22)	0.238
MEHHP	0.11 (-0.18 - 0.41)	0.449	0.28 (-0.10 - 0.65)	0.147	-0.13 (-0.60 - 0.34)	0.581	0.15 (-0.25 - 0.55)	0.449	0.57 (0.06 - 1.07)	0.027*	-0.52 (-1.17 - 0.14)	0.123
MEOHP	0.06 (-0.25 - 0.37)	0.710	0.19 (-0.21 - 0.59)	0.349	-0.14 (-0.64 - 0.36)	0.591	0.05 (-0.38 - 0.47)	0.832	0.43 (-0.11 - 0.97)	0.121	-0.54 (-1.22 - 0.15)	0.123
MECPP	-0.01 (-0.33 - 0.31)	0.963	0.07 (-0.35 - 0.50)	0.733	-0.11 (-0.61 - 0.38)	0.652	-0.08 (-0.52 - 0.36)	0.713	0.21 (-0.35 - 0.76)	0.465	-0.55 (-1.27 - 0.17)	0.132
MHiNP	0.17 (-0.28 - 0.62)	0.450	0.05 (-0.60 - 0.70)	0.870	0.29 (-0.34 - 0.92)	0.360	0.32 (-0.29 - 0.93)	0.303	0.19 (-0.72 - 1.11)	0.676	0.45 (-0.39 - 1.29)	0.289
MOiNP	0.08 (-0.39 - 0.54)	0.750	0.15 (-0.50 - 0.81)	0.644	0.00 (-0.68 - 0.68)	0.996	0.14 (-0.50 - 0.77)	0.673	0.36 (-0.52 - 1.24)	0.422	-0.08 (-1.01 - 0.84)	0.856
MCiOP	0.03 (-0.27 - 0.32)	0.860	-0.10 (-0.47 - 0.28)	0.605	0.21 (-0.26 - 0.68)	0.374	-0.01 (-0.38 - 0.37)	0.972	-0.09 (-0.55 - 0.37)	0.691	0.17 (-0.51 - 0.84)	0.628
ΣDEHP-met.	0.06 (-0.26 - 0.37)	0.716	0.20 (-0.21 - 0.61)	0.339	-0.14 (-0.64 - 0.36)	0.580	0.05 (-0.40 - 0.49)	0.840	0.45 (-0.10 - 1.01)	0.111	-0.60 (-1.32 - 0.12)	0.101
Phthalate score	-0.01 (-0.04 - 0.02)	0.604	0.00 (-0.04 - 0.03)	0.880	-0.01 (-0.06 - 0.03)	0.542	-0.03 (-0.06 - 0.01)	0.186	0.01 (-0.04 - 0.06)	0.820	-0.07 (-0.13 - -0.01)	0.019*

(Table 1)

	Crude analysis				Creatinine-corrected analysis							
	All		Boys		Girls		All		Boys		Girls	
	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>
<i>Total T3</i>												
MEP	-0.06 (-0.11 - -0.01)	0.015*	-0.01 (-0.08 - 0.06)	0.829	-0.12 (-0.19 - -0.05)	0.001*	-0.02 (-0.08 - 0.05)	0.605	0.05 (-0.04 - 0.14)	0.262	-0.11 (-0.21 - -0.01)	0.026*
MBP	-0.09 (-0.16 - -0.03)	0.005*	-0.06 (-0.15 - 0.02)	0.143	-0.14 (-0.23 - -0.04)	0.007*	-0.01 (-0.10 - 0.09)	0.873	-0.01 (-0.14 - 0.12)	0.875	-0.02 (-0.18 - 0.13)	0.780
MBzP	-0.05 (-0.08 - -0.01)	0.016*	-0.04 (-0.08 - 0.01)	0.150	-0.06 (-0.11 - 0.00)	0.041*	-0.03 (-0.07 - 0.02)	0.266	-0.03 (-0.08 - 0.03)	0.412	-0.03 (-0.10 - 0.04)	0.436
MEHP	-0.05 (-0.11 - 0.00)	0.066	-0.01 (-0.09 - 0.06)	0.754	-0.11 (-0.19 - -0.02)	0.011*	0.02 (-0.05 - 0.08)	0.606	0.05 (-0.04 - 0.14)	0.307	-0.03 (-0.13 - 0.07)	0.605
MEHHP	-0.03 (-0.09 - 0.02)	0.248	0.01 (-0.06 - 0.08)	0.769	-0.10 (-0.18 - -0.01)	0.024*	0.05 (-0.02 - 0.13)	0.145	0.09 (0.00 - 0.19)	0.059	-0.01 (-0.13 - 0.11)	0.864
MEOHP	-0.04 (-0.10 - 0.02)	0.174	0.00 (-0.07 - 0.08)	0.958	-0.10 (-0.19 - -0.02)	0.021*	0.05 (-0.02 - 0.13)	0.171	0.09 (-0.01 - 0.19)	0.093	0.00 (-0.13 - 0.12)	0.953
MECPP	-0.04 (-0.10 - 0.01)	0.140	-0.01 (-0.09 - 0.07)	0.846	-0.09 (-0.18 - -0.01)	0.035*	0.05 (-0.03 - 0.13)	0.193	0.07 (-0.03 - 0.18)	0.167	0.01 (-0.12 - 0.14)	0.854
MHiNP	-0.03 (-0.12 - 0.05)	0.445	-0.05 (-0.17 - 0.08)	0.451	-0.02 (-0.14 - 0.09)	0.680	0.02 (-0.09 - 0.14)	0.687	-0.04 (-0.21 - 0.14)	0.693	0.06 (-0.10 - 0.22)	0.429
MOiNP	-0.06 (-0.15 - 0.03)	0.191	-0.05 (-0.18 - 0.07)	0.397	-0.07 (-0.20 - 0.06)	0.281	-0.02 (-0.14 - 0.10)	0.784	-0.04 (-0.21 - 0.13)	0.617	0.00 (-0.17 - 0.17)	0.997
MCiOP	-0.07 (-0.12 - -0.01)	0.017*	-0.07 (-0.14 - 0.00)	0.060	-0.06 (-0.15 - 0.02)	0.142	-0.01 (-0.08 - 0.06)	0.837	-0.04 (-0.13 - 0.04)	0.347	0.06 (-0.06 - 0.18)	0.345
ΣDEHP-met.	-0.04 (-0.10 - 0.02)	0.170	0.00 (-0.07 - 0.08)	0.950	-0.10 (-0.19 - -0.01)	0.022*	0.06 (-0.02 - 0.14)	0.153	0.09 (-0.01 - 0.20)	0.082	0.00 (-0.13 - 0.13)	0.965
Phthalate score	-0.01 (-0.01 - 0.00)	0.018*	0.00 (-0.01 - 0.00)	0.518	-0.01 (-0.02 - 0.00)	0.003*	0.00 (-0.01 - 0.01)	0.769	0.00 (-0.01 - 0.01)	0.630	0.00 (-0.01 - 0.01)	0.773
<i>Free T3</i>												
MEP	-0.13 (-0.23 - -0.03)	0.013*	-0.08 (-0.22 - 0.06)	0.253	-0.18 (-0.32 - -0.04)	0.013*	0.00 (-0.14 - 0.14)	0.986	0.10 (-0.09 - 0.28)	0.310	-0.14 (-0.34 - 0.06)	0.179
MBP	-0.21 (-0.34 - -0.07)	0.002*	-0.26 (-0.44 - -0.08)	0.004*	-0.15 (-0.34 - 0.05)	0.141	0.03 (-0.17 - 0.23)	0.785	-0.09 (-0.34 - 0.17)	0.517	0.15 (-0.15 - 0.46)	0.325
MBzP	-0.08 (-0.16 - -0.01)	0.032*	-0.08 (-0.18 - 0.02)	0.137	-0.09 (-0.20 - 0.02)	0.120	-0.02 (-0.11 - 0.08)	0.710	-0.01 (-0.13 - 0.11)	0.883	-0.03 (-0.18 - 0.11)	0.643
MEHP	-0.13 (-0.24 - -0.01)	0.027*	-0.13 (-0.28 - 0.03)	0.106	-0.13 (-0.30 - 0.03)	0.106	0.04 (-0.09 - 0.18)	0.525	0.05 (-0.13 - 0.24)	0.588	0.02 (-0.18 - 0.21)	0.873
MEHHP	-0.13 (-0.24 - -0.02)	0.024*	-0.10 (-0.24 - 0.05)	0.199	-0.18 (-0.34 - -0.01)	0.036*	0.05 (-0.11 - 0.20)	0.556	0.09 (-0.10 - 0.29)	0.356	-0.05 (-0.29 - 0.18)	0.660
MEOHP	-0.15 (-0.27 - -0.03)	0.012*	-0.13 (-0.29 - 0.02)	0.092	-0.18 (-0.36 - -0.01)	0.040*	0.04 (-0.12 - 0.20)	0.636	0.06 (-0.15 - 0.27)	0.565	-0.03 (-0.27 - 0.22)	0.823
MECPP	-0.17 (-0.29 - -0.05)	0.004*	-0.16 (-0.32 - 0.00)	0.053	-0.20 (-0.37 - -0.03)	0.025*	0.01 (-0.15 - 0.17)	0.902	0.04 (-0.17 - 0.26)	0.711	-0.07 (-0.33 - 0.18)	0.579
MHiNP	-0.09 (-0.25 - 0.07)	0.274*	-0.19 (-0.44 - 0.06)	0.130	0.00 (-0.22 - 0.22)	0.987	-0.08 (-0.30 - 0.15)	0.496	-0.24 (-0.59 - 0.11)	0.180	0.05 (-0.24 - 0.34)	0.732
MOiNP	-0.17 (-0.33 - 0.00)	0.054	-0.21 (-0.46 - 0.04)	0.093	-0.12 (-0.35 - 0.11)	0.309	-0.21 (-0.43 - 0.02)	0.079	-0.26 (-0.59 - 0.08)	0.134	-0.16 (-0.48 - 0.16)	0.323
MCiOP	-0.18 (-0.28 - -0.07)	0.002*	-0.21 (-0.35 - -0.07)	0.005*	-0.12 (-0.29 - 0.04)	0.144	-0.04 (-0.18 - 0.10)	0.580	-0.09 (-0.27 - 0.08)	0.300	0.06 (-0.18 - 0.29)	0.648
ΣDEHP-met.	-0.15 (-0.27 - -0.04)	0.011*	-0.13 (-0.29 - 0.03)	0.107	-0.19 (-0.37 - -0.02)	0.030*	0.04 (-0.12 - 0.21)	0.626	0.08 (-0.14 - 0.30)	0.460	-0.05 (-0.31 - 0.20)	0.689
Phthalate score	-0.01 (-0.03 - 0.00)	0.006*	-0.01 (-0.03 - 0.00)	0.061	-0.02 (-0.03 - 0.00)	0.038*	0.00 (-0.01 - 0.02)	0.562	0.00 (-0.02 - 0.02)	0.844	0.00 (-0.02 - 0.03)	0.662

Supplemental Material, Table 2.

Regression coefficients (B) with 95% confidence intervals and *p*-values for associations between phthalate metabolites and TSH, IGF-I and IGFBP-3 in 4-9 years old prepubertal children (n=758). All analyses adjusted for age and gender. \*: *P*<0.05.

	Crude analysis				Creatinine-corrected analysis							
	All B (95% CI)	<i>p</i>	Boys B (95% CI)	<i>p</i>	Girls B (95% CI)	<i>p</i>	All B (95% CI)	<i>p</i>	Boys B (95% CI)	<i>p</i>	Girls B (95% CI)	<i>p</i>
<i>TSH</i>												
MEP	0.02 (-0.01 - 0.04)	0.299	0.02 (-0.02 - 0.05)	0.410	0.01 (-0.03 - 0.06)	0.527	0.06 (0.02 - 0.10)	0.005*	0.06 (0.01 - 0.11)	0.028*	0.06 (-0.01 - 0.12)	0.087
MBP	0.00 (-0.04 - 0.03)	0.826	-0.01 (-0.06 - 0.03)	0.564	0.01 (-0.05 - 0.07)	0.786	0.05 (-0.01 - 0.11)	0.092	0.03 (-0.04 - 0.10)	0.468	0.08 (-0.01 - 0.18)	0.092
MBzP	-0.01 (-0.03 - 0.01)	0.471	0.00 (-0.03 - 0.03)	0.914	-0.02 (-0.06 - 0.01)	0.245	0.00 (-0.03 - 0.03)	0.956	0.02 (-0.02 - 0.05)	0.380	-0.02 (-0.07 - 0.02)	0.366
MEHP	0.00 (-0.03 - 0.04)	0.872	-0.02 (-0.06 - 0.02)	0.424	0.03 (-0.02 - 0.08)	0.293	0.03 (-0.01 - 0.07)	0.116	0.00 (-0.05 - 0.05)	0.884	0.07 (0.00 - 0.13)	0.038*
MEHHP	0.00 (-0.03 - 0.03)	0.974	-0.01 (-0.05 - 0.03)	0.568	0.02 (-0.03 - 0.07)	0.499	0.03 (-0.01 - 0.08)	0.116	0.01 (-0.04 - 0.06)	0.679	0.07 (0.00 - 0.15)	0.058
MEOHP	0.00 (-0.03 - 0.04)	0.865	0.00 (-0.05 - 0.04)	0.861	0.01 (-0.04 - 0.07)	0.668	0.04 (0.00 - 0.09)	0.063	0.03 (-0.03 - 0.09)	0.299	0.06 (-0.02 - 0.14)	0.114
MECPP	-0.01 (-0.04 - 0.03)	0.657	-0.01 (-0.06 - 0.03)	0.597	0.00 (-0.06 - 0.05)	0.917	0.03 (-0.02 - 0.07)	0.287	0.02 (-0.04 - 0.08)	0.546	0.04 (-0.04 - 0.12)	0.377
MHiNP	-0.02 (-0.07 - 0.03)	0.436	0.03 (-0.04 - 0.11)	0.390	-0.07 (-0.14 - 0.00)	0.061	-0.02 (-0.09 - 0.05)	0.626	0.10 (-0.01 - 0.20)	0.074	-0.11 (-0.21 - -0.01)	0.025*
MOiNP	-0.01 (-0.07 - 0.04)	0.687	0.04 (-0.04 - 0.11)	0.320	-0.06 (-0.14 - 0.02)	0.117	0.00 (-0.07 - 0.08)	0.960	0.10 (0.00 - 0.20)	0.058	-0.10 (-0.21 - 0.01)	0.067
MCiOP	-0.02 (-0.05 - 0.01)	0.247	0.01 (-0.03 - 0.05)	0.762	-0.06 (-0.11 - 0.00)	0.039*	0.00 (-0.04 - 0.04)	0.963	0.04 (-0.01 - 0.08)	0.149	-0.08 (-0.15 - 0.00)	0.048*
ΣDEHP-met.	0.00 (-0.04 - 0.03)	0.879	-0.01 (-0.06 - 0.03)	0.561	0.01 (-0.05 - 0.07)	0.697	0.04 (-0.01 - 0.08)	0.141	0.02 (-0.04 - 0.07)	0.605	0.07 (-0.02 - 0.15)	0.110
Phthalate score	0.00 (0.00 - 0.00)	0.889	0.00 (0.00 - 0.00)	0.865	0.00 (-0.01 - 0.00)	0.700	0.00 (0.00 - 0.01)	0.061	0.00 (0.00 - 0.01)	0.139	0.00 (0.00 - 0.01)	0.269
<i>IGF-I</i>												
MEP	-0.01 (-0.04 - 0.01)	0.213	-0.01 (-0.04 - 0.02)	0.479	-0.02 (-0.05 - 0.02)	0.292	-0.01 (-0.04 - 0.02)	0.559	0.00 (-0.04 - 0.04)	0.921	-0.02 (-0.07 - 0.02)	0.309
MBP	-0.01 (-0.04 - 0.02)	0.671	-0.01 (-0.05 - 0.03)	0.536	0.00 (-0.05 - 0.05)	0.961	0.02 (-0.02 - 0.07)	0.336	0.02 (-0.04 - 0.07)	0.574	0.03 (-0.04 - 0.10)	0.427
MBzP	-0.01 (-0.02 - 0.01)	0.383	-0.02 (-0.04 - 0.01)	0.170	0.00 (-0.02 - 0.03)	0.796	0.00 (-0.02 - 0.02)	0.737	-0.01 (-0.04 - 0.01)	0.321	0.01 (-0.02 - 0.05)	0.510
MEHP	-0.02 (-0.04 - 0.01)	0.164	-0.05 (-0.08 - -0.02)	0.003*	0.02 (-0.01 - 0.06)	0.222	-0.01 (-0.04 - 0.02)	0.550	-0.05 (-0.09 - -0.01)	0.010*	0.05 (0.00 - 0.09)	0.053
MEHHP	-0.02 (-0.05 - 0.00)	0.072	-0.04 (-0.07 - -0.01)	0.012*	0.00 (-0.04 - 0.04)	0.856	-0.02 (-0.06 - 0.01)	0.212	-0.05 (-0.09 - -0.01)	0.023*	0.02 (-0.03 - 0.08)	0.426
MEOHP	-0.04 (-0.06 - -0.01)	0.009*	-0.05 (-0.09 - -0.02)	0.002*	-0.01 (-0.05 - 0.03)	0.697	-0.04 (-0.08 - -0.01)	0.021*	-0.07 (-0.12 - -0.03)	0.002*	0.00 (-0.06 - 0.06)	0.977
MECPP	-0.04 (-0.07 - -0.01)	0.002*	-0.06 (-0.10 - -0.03)	0.001*	-0.02 (-0.06 - 0.03)	0.449	-0.05 (-0.09 - -0.02)	0.004*	-0.08 (-0.12 - -0.03)	0.001*	-0.02 (-0.08 - 0.05)	0.605
MHiNP	-0.03 (-0.07 - 0.00)	0.085*	-0.07 (-0.13 - -0.02)	0.013*	0.00 (-0.05 - 0.05)	0.932	-0.04 (-0.10 - 0.01)	0.100	-0.10 (-0.18 - -0.02)	0.016*	0.00 (-0.07 - 0.07)	0.956
MOiNP	-0.04 (-0.08 - 0.00)	0.030*	-0.07 (-0.13 - -0.01)	0.019*	-0.02 (-0.07 - 0.04)	0.539	-0.06 (-0.12 - -0.01)	0.028*	-0.08 (-0.16 - -0.01)	0.034*	-0.04 (-0.11 - 0.04)	0.366
MCiOP	-0.04 (-0.06 - -0.01)	0.003*	-0.04 (-0.08 - -0.01)	0.006*	-0.03 (-0.07 - 0.01)	0.153	-0.04 (-0.08 - -0.01)	0.006*	-0.05 (-0.08 - -0.01)	0.020*	-0.04 (-0.10 - 0.01)	0.137
ΣDEHP-met.	-0.03 (-0.06 - -0.01)	0.014*	-0.05 (-0.09 - -0.02)	0.002*	0.00 (-0.05 - 0.04)	0.816	-0.04 (-0.08 - 0.00)	0.034*	-0.07 (-0.12 - -0.02)	0.003*	0.01 (-0.05 - 0.07)	0.798
Phthalate score	0.00 (-0.01 - 0.00)	0.027*	0.00 (-0.01 - 0.00)	0.011*	0.00 (0.00 - 0.00)	0.639	0.00 (0.00 - 0.00)	0.307	0.00 (-0.01 - 0.00)	0.106	0.00 (0.00 - 0.01)	0.769
<i>IGFBP-3</i>												
MEP	0.00 (-0.02 - 0.01)	0.880	0.00 (-0.02 - 0.02)	0.642	-0.01 (-0.03 - 0.01)	0.458	0.02 (0.00 - 0.04)	0.105	0.03 (0.00 - 0.05)	0.050*	0.00 (-0.03 - 0.03)	0.845
MBP	-0.02 (-0.04 - 0.00)	0.020*	-0.02 (-0.05 - 0.01)	0.143	-0.03 (-0.06 - 0.00)	0.063	-0.01 (-0.04 - 0.02)	0.426	0.00 (-0.04 - 0.03)	0.861	-0.02 (-0.07 - 0.02)	0.309
MBzP	-0.01 (-0.02 - 0.00)	0.271	-0.01 (-0.02 - 0.01)	0.315	0.00 (-0.02 - 0.01)	0.606	0.00 (-0.01 - 0.01)	0.909	0.00 (-0.02 - 0.01)	0.753	0.00 (-0.02 - 0.02)	0.827
MEHP	-0.02 (-0.04 - -0.01)	0.003*	-0.03 (-0.05 - -0.01)	0.003*	-0.01 (-0.04 - 0.01)	0.262	-0.02 (-0.04 - 0.00)	0.079	-0.03 (-0.06 - 0.00)	0.030*	0.00 (-0.03 - 0.03)	0.888
MEHHP	-0.02 (-0.04 - -0.01)	0.010*	-0.02 (-0.04 - 0.00)	0.052	-0.02 (-0.05 - 0.00)	0.088	-0.02 (-0.04 - 0.01)	0.132	-0.02 (-0.04 - 0.01)	0.251	-0.02 (-0.05 - 0.02)	0.343
MEOHP	-0.03 (-0.05 - -0.01)	0.001*	-0.03 (-0.05 - -0.01)	0.011*	-0.03 (-0.06 - 0.00)	0.029*	-0.03 (-0.05 - -0.01)	0.015	-0.03 (-0.06 - 0.00)	0.061	-0.03 (-0.06 - 0.01)	0.132
MECPP	-0.03 (-0.04 - -0.01)	0.002*	-0.02 (-0.05 - 0.00)	0.038*	-0.03 (-0.06 - 0.00)	0.021*	-0.02 (-0.05 - 0.00)	0.046	-0.02 (-0.05 - 0.01)	0.268	-0.03 (-0.07 - 0.00)	0.074
MHiNP	-0.02 (-0.05 - 0.01)	0.119	-0.03 (-0.07 - 0.01)	0.152	-0.01 (-0.05 - 0.02)	0.482	-0.03 (-0.06 - 0.01)	0.149	-0.04 (-0.09 - 0.02)	0.181	-0.02 (-0.07 - 0.04)	0.557
MOiNP	-0.03 (-0.05 - 0.00)	0.065	-0.03 (-0.07 - 0.01)	0.106	-0.02 (-0.06 - 0.02)	0.359	-0.03 (-0.07 - 0.00)	0.075	-0.04 (-0.09 - 0.01)	0.127	-0.02 (-0.08 - 0.03)	0.392
MCiOP	-0.02 (-0.04 - -0.01)	0.009*	-0.02 (-0.04 - 0.00)	0.088	-0.03 (-0.05 - 0.00)	0.041*	-0.02 (-0.04 - 0.01)	0.148	-0.01 (-0.04 - 0.02)	0.456	-0.03 (-0.06 - 0.01)	0.149
ΣDEHP-met.	-0.03 (-0.04 - -0.01)	0.002*	-0.03 (-0.05 - 0.00)	0.023*	-0.03 (-0.05 - 0.00)	0.041*	-0.03 (-0.05 - 0.00)	0.040*	-0.02 (-0.05 - 0.01)	0.135	-0.03 (-0.06 - 0.01)	0.168
Phthalate score	0.00 (0.00 - 0.00)	0.020*	0.00 (0.00 - 0.00)	0.068	0.00 (0.00 - 0.00)	0.146	0.00 (0.00 - 0.00)	0.673	0.00 (0.00 - 0.00)	0.737	0.00 (0.00 - 0.00)	0.832

Supplemental Material, Table 3.

Regression coefficients (B) with 95% confidence intervals and *p*-values for associations between phthalate metabolites and height SDS (HSDS) (n=815), difference from midparental height SDS (DiffHSDS<sub>midpar</sub>) (n=565), change in height SDS since the age of 1.5 years ( $\Delta$ HSDS<sub>childhood</sub>) (n=794), change in height SDS between 0 and 3 years ( $\Delta$ HSDS<sub>0-3</sub>) (n=661) in 4-9 years old prepubertal children. Analyses of HSDS,  $\Delta$ HSDS<sub>childhood</sub>, and  $\Delta$ HSDS<sub>0-3</sub> adjusted for age, gender, birth length and midparental height SDS. Analyses of DiffHSDS<sub>midpar</sub> adjusted for age, gender and birth length. \*: *P*<0.05.

	Crude analysis						Creatinine-corrected analysis								
	All		Boys		<i>p</i>	Girls		<i>p</i>	All		Boys		<i>p</i>	Girls	
	B (95% CI)		B (95% CI)			B (95% CI)			B (95% CI)		B (95% CI)			B (95% CI)	
<i>HSDS</i>															
MEP	-0.07 (-0.23 - 0.08)	0.369	-0.04 (-0.24 - 0.16)	0.711	-0.10 (-0.35 - 0.15)	0.427	-0.11 (-0.31 - 0.10)	0.299	-0.15 (-0.41 - 0.10)	0.239	0.00 (-0.35 - 0.34)	0.984			
MBP	-0.14 (-0.34 - 0.06)	0.179	0.02 (-0.24 - 0.27)	0.905	-0.35 (-0.67 - -0.03)	0.033*	-0.26 (-0.55 - 0.03)	0.082	-0.16 (-0.52 - 0.21)	0.405	-0.40 (-0.87 - 0.08)	0.100			
MBzP	-0.07 (-0.18 - 0.05)	0.250	0.01 (-0.14 - 0.15)	0.927	-0.16 (-0.34 - 0.02)	0.077	-0.09 (-0.23 - 0.05)	0.194	-0.03 (-0.21 - 0.14)	0.714	-0.17 (-0.39 - 0.05)	0.138			
MEHP	-0.18 (-0.34 - -0.01)	0.035*	-0.11 (-0.32 - 0.10)	0.297	-0.28 (-0.56 - -0.01)	0.041*	-0.24 (-0.44 - -0.04)	0.017*	-0.25 (-0.50 - 0.00)	0.051	-0.23 (-0.56 - 0.10)	0.164			
MEHHP	-0.16 (-0.32 - 0.01)	0.059	-0.07 (-0.27 - 0.13)	0.468	-0.30 (-0.58 - -0.02)	0.033*	-0.26 (-0.48 - -0.05)	0.017*	-0.23 (-0.49 - 0.04)	0.090	-0.34 (-0.72 - 0.05)	0.087			
MEOHP	-0.18 (-0.36 - -0.01)	0.037*	-0.10 (-0.32 - 0.11)	0.338	-0.32 (-0.61 - -0.02)	0.036*	-0.31 (-0.54 - -0.08)	0.009*	-0.30 (-0.59 - -0.02)	0.038*	-0.32 (-0.72 - 0.09)	0.124			
MECPP	-0.21 (-0.39 - -0.03)	0.022*	-0.11 (-0.34 - 0.12)	0.350	-0.36 (-0.66 - -0.07)	0.017*	-0.37 (-0.62 - -0.12)	0.003*	-0.32 (-0.62 - -0.01)	0.040*	-0.47 (-0.90 - -0.04)	0.034*			
MHiNP	-0.17 (-0.44 - 0.10)	0.213	0.05 (-0.35 - 0.45)	0.818	-0.38 (-0.74 - -0.02)	0.041*	-0.23 (-0.60 - 0.13)	0.213	-0.02 (-0.57 - 0.53)	0.936	-0.39 (-0.88 - 0.11)	0.124			
MOiNP	-0.17 (-0.45 - 0.11)	0.237	0.09 (-0.30 - 0.48)	0.649	-0.52 (-0.92 - -0.12)	0.011*	-0.22 (-0.60 - 0.16)	0.254	0.06 (-0.46 - 0.58)	0.821	-0.63 (-1.20 - -0.06)	0.031*			
MCiOP	-0.15 (-0.32 - 0.02)	0.083	-0.07 (-0.28 - 0.14)	0.518	-0.30 (-0.58 - -0.01)	0.044*	-0.23 (-0.44 - -0.01)	0.039*	-0.19 (-0.44 - 0.06)	0.142	-0.35 (-0.77 - 0.08)	0.108			
$\Sigma$ DEHP-met.	-0.20 (-0.37 - -0.02)	0.029*	-0.10 (-0.32 - 0.12)	0.352	-0.35 (-0.65 - -0.05)	0.021*	-0.35 (-0.59 - -0.11)	0.005*	-0.31 (-0.61 - -0.02)	0.038*	-0.42 (-0.85 - 0.01)	0.053			
Phthalate score	-0.02 (-0.03 - 0.00)	0.039*	-0.01 (-0.03 - 0.01)	0.408	-0.03 (-0.05 - 0.00)	0.035*	-0.03 (-0.05 - -0.01)	0.006*	-0.03 (-0.05 - 0.00)	0.043*	-0.03 (-0.06 - 0.00)	0.093			
<i>DiffHSDS<sub>midpar</sub></i>															
MEP	-0.06 (-0.23 - 0.11)	0.504	-0.01 (-0.23 - 0.21)	0.933	-0.11 (-0.37 - 0.15)	0.409	-0.08 (-0.30 - 0.14)	0.492	-0.12 (-0.40 - 0.16)	0.412	0.01 (-0.36 - 0.38)	0.958			
MBP	-0.14 (-0.35 - 0.08)	0.211	0.00 (-0.28 - 0.28)	0.974	-0.34 (-0.68 - 0.00)	0.050*	-0.25 (-0.56 - 0.07)	0.123	-0.20 (-0.60 - 0.20)	0.334	-0.31 (-0.82 - 0.19)	0.224			
MBzP	-0.06 (-0.18 - 0.07)	0.365	0.01 (-0.15 - 0.17)	0.915	-0.14 (-0.33 - 0.05)	0.137	-0.07 (-0.22 - 0.07)	0.331	-0.03 (-0.23 - 0.16)	0.724	-0.13 (-0.36 - 0.11)	0.290			
MEHP	-0.18 (-0.36 - -0.01)	0.043*	-0.14 (-0.37 - 0.09)	0.234	-0.26 (-0.55 - 0.03)	0.079	-0.24 (-0.46 - -0.03)	0.025*	-0.30 (-0.57 - -0.02)	0.033*	-0.17 (-0.51 - 0.18)	0.349			
MEHHP	-0.17 (-0.35 - 0.00)	0.056	-0.09 (-0.31 - 0.13)	0.432	-0.32 (-0.62 - -0.03)	0.033*	-0.28 (-0.52 - -0.05)	0.018*	-0.26 (-0.55 - 0.03)	0.076	-0.33 (-0.74 - 0.08)	0.116			
MEOHP	-0.21 (-0.40 - -0.03)	0.026*	-0.14 (-0.38 - 0.09)	0.230	-0.33 (-0.65 - -0.02)	0.039*	-0.36 (-0.61 - -0.11)	0.005*	-0.38 (-0.69 - -0.07)	0.016*	-0.30 (-0.73 - 0.13)	0.171			
MECPP	-0.22 (-0.42 - -0.02)	0.030*	-0.11 (-0.36 - 0.14)	0.396	-0.38 (-0.69 - -0.07)	0.018*	-0.37 (-0.64 - -0.11)	0.006*	-0.33 (-0.66 - 0.00)	0.051	-0.46 (-0.92 - 0.01)	0.053			
MHiNP	-0.23 (-0.52 - 0.06)	0.122	-0.13 (-0.57 - 0.30)	0.552	-0.35 (-0.72 - 0.03)	0.072	-0.27 (-0.67 - 0.12)	0.171	-0.29 (-0.88 - 0.31)	0.341	-0.27 (-0.79 - 0.24)	0.296			
MOiNP	-0.25 (-0.55 - 0.05)	0.108	-0.08 (-0.51 - 0.35)	0.725	-0.52 (-0.93 - -0.10)	0.015*	-0.30 (-0.70 - 0.11)	0.156	-0.17 (-0.74 - 0.40)	0.553	-0.55 (-1.14 - 0.05)	0.072			
MCiOP	-0.15 (-0.33 - 0.04)	0.116	-0.08 (-0.30 - 0.15)	0.507	-0.27 (-0.58 - 0.03)	0.080	-0.22 (-0.45 - 0.02)	0.070	-0.21 (-0.48 - 0.06)	0.135	-0.25 (-0.70 - 0.20)	0.283			
$\Sigma$ DEHP-met.	-0.21 (-0.40 - -0.02)	0.030*	-0.12 (-0.36 - 0.12)	0.328	-0.36 (-0.68 - -0.05)	0.024*	-0.37 (-0.63 - -0.11)	0.006*	-0.35 (-0.68 - -0.03)	0.032*	-0.40 (-0.85 - 0.06)	0.085			
Phthalate score	-0.01 (-0.03 - 0.00)	0.094	-0.01 (-0.03 - 0.02)	0.629	-0.03 (-0.06 - 0.00)	0.049*	-0.03 (-0.05 - 0.00)	0.025*	-0.03 (-0.06 - 0.00)	0.065	-0.02 (-0.06 - 0.01)	0.234			

(Table 3)

	Crude analysis						Creatinine-corrected analysis					
	All	Boys		Girls		All	Boys		Girls			
	B (95% CI)	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	B (95% CI)	<i>p</i>	
<i>ΔHSDS<sub>childhood</sub></i>												
MEP	-0.09 (-0.22 - 0.04)	0.176	-0.09 (-0.26 - 0.07)	0.271	-0.06 (-0.27 - 0.15)	0.581	-0.15 (-0.33 - 0.02)	0.080	-0.07 (-0.28 - 0.13)	0.488	-0.26 (-0.57 - 0.04)	0.085
MBP	-0.07 (-0.23 - 0.10)	0.440	-0.06 (-0.27 - 0.14)	0.544	-0.03 (-0.31 - 0.25)	0.845	-0.13 (-0.37 - 0.11)	0.285	0.02 (-0.28 - 0.31)	0.915	-0.33 (-0.74 - 0.08)	0.116
MBzP	-0.01 (-0.10 - 0.08)	0.832	0.00 (-0.11 - 0.12)	0.942	-0.01 (-0.17 - 0.14)	0.870	-0.01 (-0.13 - 0.10)	0.810	0.04 (-0.10 - 0.18)	0.580	-0.08 (-0.27 - 0.11)	0.424
MEHP	-0.15 (-0.29 - -0.02)	0.030*	-0.18 (-0.35 - -0.01)	0.034*	-0.10 (-0.34 - 0.14)	0.408	-0.22 (-0.38 - -0.05)	0.010*	-0.19 (-0.40 - 0.01)	0.060	-0.27 (-0.55 - 0.01)	0.061
MEHHP	-0.13 (-0.27 - 0.00)	0.057	-0.16 (-0.32 - 0.01)	0.060	-0.07 (-0.31 - 0.17)	0.567	-0.23 (-0.42 - -0.05)	0.011*	-0.19 (-0.41 - 0.02)	0.077	-0.32 (-0.65 - 0.02)	0.065
MEOHP	-0.17 (-0.31 - -0.02)	0.022*	-0.20 (-0.37 - -0.03)	0.024*	-0.08 (-0.34 - 0.17)	0.521	-0.30 (-0.49 - -0.11)	0.002*	-0.26 (-0.49 - -0.03)	0.025*	-0.35 (-0.69 - 0.00)	0.050*
MECPP	-0.15 (-0.31 - 0.00)	0.050*	-0.21 (-0.40 - -0.02)	0.030*	-0.05 (-0.31 - 0.21)	0.692	-0.28 (-0.49 - -0.07)	0.008*	-0.25 (-0.49 - 0.00)	0.047*	-0.34 (-0.72 - 0.04)	0.077
MHiNP	-0.06 (-0.29 - 0.16)	0.573	-0.23 (-0.51 - 0.06)	0.122	0.15 (-0.19 - 0.49)	0.394	-0.08 (-0.38 - 0.22)	0.616	-0.16 (-0.56 - 0.24)	0.438	0.07 (-0.39 - 0.53)	0.766
MOiNP	-0.09 (-0.32 - 0.14)	0.460	-0.18 (-0.47 - 0.10)	0.208	0.05 (-0.33 - 0.44)	0.777	-0.12 (-0.43 - 0.20)	0.467	-0.08 (-0.46 - 0.31)	0.694	-0.16 (-0.70 - 0.38)	0.550
MCiOP	-0.02 (-0.17 - 0.12)	0.773	-0.07 (-0.25 - 0.10)	0.418	0.08 (-0.17 - 0.33)	0.540	-0.03 (-0.22 - 0.15)	0.730	-0.03 (-0.25 - 0.18)	0.764	-0.05 (-0.41 - 0.32)	0.807
ΣDEHP-met.	-0.16 (-0.31 - -0.01)	0.034*	-0.19 (-0.37 - -0.02)	0.033*	-0.08 (-0.34 - 0.18)	0.544	-0.30 (-0.50 - -0.09)	0.004*	-0.25 (-0.49 - -0.01)	0.039*	-0.38 (-0.75 - -0.01)	0.042*
Phthalate score	-0.01 (-0.02 - 0.00)	0.103	-0.01 (-0.03 - 0.00)	0.116	-0.01 (-0.03 - 0.02)	0.633	-0.02 (-0.03 - 0.00)	0.053	-0.01 (-0.03 - 0.01)	0.466	-0.03 (-0.06 - 0.00)	0.054
<i>ΔHSDS<sub>0-3</sub></i>												
MEP	-0.10 (-0.26 - 0.07)	0.250	-0.03 (-0.24 - 0.17)	0.753	-0.19 (-0.47 - 0.10)	0.193	-0.10 (-0.32 - 0.12)	0.370	-0.14 (-0.41 - 0.12)	0.296	0.00 (-0.39 - 0.40)	0.982
MBP	-0.15 (-0.37 - 0.07)	0.176	-0.02 (-0.29 - 0.25)	0.885	-0.37 (-0.74 - 0.00)	0.052	-0.17 (-0.48 - 0.15)	0.296	-0.23 (-0.63 - 0.16)	0.246	-0.07 (-0.59 - 0.45)	0.789
MBzP	-0.03 (-0.15 - 0.09)	0.600	0.03 (-0.12 - 0.18)	0.732	-0.13 (-0.33 - 0.08)	0.217	-0.02 (-0.16 - 0.13)	0.824	0.00 (-0.18 - 0.18)	0.986	-0.04 (-0.29 - 0.20)	0.725
MEHP	-0.07 (-0.25 - 0.11)	0.439	-0.03 (-0.25 - 0.19)	0.787	-0.16 (-0.46 - 0.15)	0.318	-0.03 (-0.24 - 0.18)	0.746	-0.13 (-0.39 - 0.13)	0.340	0.09 (-0.27 - 0.45)	0.621
MEHHP	-0.04 (-0.22 - 0.13)	0.627	0.03 (-0.18 - 0.24)	0.803	-0.22 (-0.54 - 0.11)	0.184	0.00 (-0.23 - 0.24)	0.985	-0.05 (-0.33 - 0.23)	0.736	0.05 (-0.38 - 0.48)	0.805
MEOHP	-0.06 (-0.25 - 0.13)	0.530	0.00 (-0.22 - 0.23)	0.976	-0.22 (-0.56 - 0.13)	0.215	-0.02 (-0.26 - 0.23)	0.900	-0.11 (-0.41 - 0.20)	0.493	0.10 (-0.34 - 0.55)	0.642
MECPP	-0.11 (-0.30 - 0.09)	0.296	0.01 (-0.24 - 0.25)	0.959	-0.30 (-0.64 - 0.03)	0.075	-0.09 (-0.36 - 0.18)	0.517	-0.11 (-0.43 - 0.21)	0.483	-0.07 (-0.56 - 0.42)	0.771
MHiNP	-0.32 (-0.62 - -0.01)	0.043*	0.00 (-0.47 - 0.46)	0.996	-0.50 (-0.92 - -0.09)	0.019*	-0.44 (-0.87 - -0.01)	0.046*	-0.28 (-0.99 - 0.44)	0.446	-0.43 (-1.00 - 0.15)	0.142
MOiNP	-0.35 (-0.68 - -0.03)	0.035*	0.04 (-0.41 - 0.49)	0.861	-0.73 (-1.19 - -0.27)	0.003*	-0.49 (-0.96 - -0.03)	0.036*	-0.14 (-0.79 - 0.51)	0.666	-0.75 (-1.43 - -0.07)	0.032*
MCiOP	-0.15 (-0.33 - 0.04)	0.121	-0.02 (-0.25 - 0.21)	0.875	-0.40 (-0.72 - -0.08)	0.016*	-0.17 (-0.41 - 0.08)	0.181	-0.13 (-0.41 - 0.16)	0.378	-0.31 (-0.78 - 0.16)	0.198
ΣDEHP-met.	-0.07 (-0.27 - 0.12)	0.451	0.01 (-0.22 - 0.24)	0.941	-0.25 (-0.59 - 0.09)	0.144	-0.04 (-0.30 - 0.22)	0.776	-0.10 (-0.42 - 0.21)	0.515	0.05 (-0.43 - 0.52)	0.851
Phthalate score	-0.01 (-0.03 - 0.01)	0.210	0.00 (-0.02 - 0.02)	0.958	-0.03 (-0.06 - 0.00)	0.057	-0.01 (-0.04 - 0.01)	0.269	-0.02 (-0.05 - 0.01)	0.146	0.00 (-0.04 - 0.04)	0.998

Supplemental Material, Table 4.

Phthalate metabolite concentrations ( $\mu\text{g/l}$  and  $\mu\text{g/g}$  creatinine) in spot urine samples from 845 Danish children aged 4-9 years (examined 2006-2007).

Phthalate Metabolite	LOD	% >LOD	Median	GM	Min	25%	75%	Max
<i>Phthalate metabolite concentrations (<math>\mu\text{g/l}</math>)</i>								
MEP	0.24	100	21	21	0.6	11	41	731
MBP	3.94	100	126	120	9.0	70	210	6457
MBzP	1.26	86	15	12	0.0	4.5	35	4548
MEHP	0.31	99	4.3	4.0	0.0	2.0	7.5	231
MEHHP	0.60	100	34	31	1.0	17	59	1718
MEOHP	0.14	100	18	16	0.5	8.9	30	734
MECPP	0.43	100	29	28	1.0	16	51	1755
MOP	0.04	16	0.0	0.0	0.0	0.0	0.0	11
MiNP	0.62	49	0.0	0.9	0.0	0.0	1.7	1100
MHiNP <sup>a</sup>	0.31	98	5.8	4.9	0.0	2.8	9.8	793
MOiNP <sup>a</sup>	0.16	99	3.0	2.6	0.0	1.4	4.8	312
MCiOP	0.08	100	6.9	6.9	0.3	3.8	12	2063
<i>Creatinine-corrected phthalate metabolite concentrations (<math>\mu\text{g/g}</math> creatinine)</i>								
MEP			33	36	5.7	20	57	791
MBP			205	207	39	144	297	4940
MBzP			23	21	0.0	9.0	47	2916
MEHP			6.8	7.0	0.0	4.1	12	210
MEHHP			52	54	4.9	34	83	1818
MEOHP			27	28	2.6	18	42	794
MECPP			46	48	6.5	30	71	1647
MOP			0.0	0.0	0.0	0.0	0.0	11
MiNP			1.0	1.6	0.0	0.0	2.9	1194
MHiNP <sup>a</sup>			7.8	8.0	0.0	5.3	12	754
MOiNP <sup>a</sup>			4.0	4.1	0.0	2.7	5.8	296
MCiOP			11	12	1.4	7.2	18	2241

<sup>a</sup>: only measured in 250 randomly selected samples

LOD: limit of detection. GM: geometric mean.

Supplemental Material, Figure 1.

Regression coefficients (95% confidence intervals) for a change in free T3 associated with quintiles of crude (◆) or creatinine-corrected (■) concentrations of MBP, MCIOP and sum of DEHP metabolite concentrations. Adjusted for gender and age (n=758).

