Children, GM in µg/L (factor relative to GMEu; factor relative to lowest value per substance)

DK	6.88 (0.3; 1)		12.21 (0.5; 1)	12.14 (0.6; 1)	15.16 (0.5; 1)	0.97 (0.5; 1)	5.93 (0.7; 2.9)	5.49 (1.5; 2.7)		
HU	9.28 (0.4; 1.3)	1.48 (0.4; 1)	29.26 (1.1; 2.4)	16.76 (0.8; 1.4)	24.68 (0.7; 1.6)		4.25 (0.5; 2.1)	2.07 (0.6; 1)		
NL	12.98 (0.5; 1.9)	1.65 (0.5; 1.1)	18.42 (0.7; 1.5)	15.66 (0.7; 1.3)	24.27 (0.7; 1.6)	1.49 (0.8; 1.5)	9.05 (1.1; 4.4)	3.01 (0.8; 1.5)	GM	l
BE	17.74 (0.7; 2.6)	3.96 (1.1; 2.7)	23.48 (0.9; 1.9)	29.03 (1.4; 2.4)	37.82 (1.1; 2.5)	2.23 (1.2; 2.3)	2.04 (0.2; 1)	2.21 (0.6; 1.1)		Country Europe
PL	45.67 (1.9; 6.6)	1.85 (0.5; 1.3)		32.21 (1.5; 2.7)	36.82 (1.1; 2.4)	1.52 (0.8; 1.6)	7.15 (0.9; 3.5)	2.08 (0.6; 1)	Giv	Europe *4
SK								3.43 (1; 1.7)		*2
NO	18.47 (0.8; 2.7)	5.71 (1.6; 3.9)	29.89 (1.1; 2.4)	25.88 (1.2; 2.1)	38.96 (1.2; 2.6)					
DE	21.37 (0.9; 3.1)	3.32 (0.9; 2.2)	27.85 (1; 2.3)	22.47 (1.1; 1.9)	32.76 (1; 2.2)	2.52 (1.3; 2.6)	14.08 (1.7; 6.9)	3.81 (1.1; 1.8)		GM _{Eu}
SI	30.67 (1.3; 4.5)	3.6 (1; 2.4)	28.82 (1.1; 2.4)	19.74 (0.9; 1.6)	44.52 (1.3; 2.9)	2.52 (1.3; 2.6)	11.56 (1.4; 5.7)	4.31 (1.2; 2.1)		*1/2
GR	61.33 (2.5; 8.9)	2.64 (0.7; 1.8)	32.16 (1.2; 2.6)	23.98 (1.1; 2)	39.2 (1.2; 2.6)		11.67 (1.4; 5.7)	3.76 (1.1; 1.8)		*1/4
IT	59.16 (2.4; 8.6)	5.62 (1.5; 3.8)	29.54 (1.1; 2.4)	18.52 (0.9; 1.5)	48.5 (1.4; 3.2)			5.99 (1.7; 2.9)		
FR	53.53 (2.2; 7.8)	10.86 (3; 7.3)	42.57 (1.6; 3.5)	23.69 (1.1; 2)	46.09 (1.4; 3)	3.26 (1.7; 3.4)	19.19 (2.3; 9.4)	4.32 (1.2; 2.1)		
	MEP	MBzP	MiBP	MnBP	ΣDEHPm	$\Sigma DiDPm$	$\Sigma DiNPm$	ΣDINCHm	I	

Adolescents, GM in µg/L (factor relative to lowest value per substance)

BE	28.05 (0.6; 1.4)	2.38 (0.9; 1.8)	21.14 (0.8; 1.1)	15.6 (0.6; 1)	23.22 (0.8; 1.2)	2.03 (1; 1.6)	5.81 (0.6; 1)	2.22 (0.9; 1.4)	
PL	35.59 (0.8; 1.7)	1.43 (0.5; 1.1)		28.33 (1.1; 1.9)	28.23 (1; 1.5)	1.29 (0.6; 1)	6.74 (0.7; 1.2)	1.6 (0.6; 1)	
DE	29.28 (0.7; 1.4)	2.73 (1; 2.1)	24.39 (1; 1.2)	19.49 (0.8; 1.3)	23.25 (0.8; 1.2)	2.08 (1; 1.6)	10.41 (1; 1.8)	2.4 (1; 1.5)	GM _{Country}
CZ	39.45 (0.9; 1.9)	1.72 (0.6; 1.3)		26.66 (1.1; 1.8)	27.59 (1; 1.4)				$\overline{GM_{Europe}}$
ES	84.51 (2; 4.1)	1.68 (0.6; 1.3)	20.06 (0.8; 1)	15.19 (0.6; 1)	25.55 (0.9; 1.3)	2.44 (1.2; 1.9)	11.15 (1.1; 1.9)	2.99 (1.2; 1.9)	*4
SE		5.97 (2.2; 4.5)			19.14 (0.7; 1)	1.5 (0.7; 1.2)	11.21 (1.1; 1.9)	1.94 (0.8; 1.2)	*2
GR	70.95 (1.6; 3.4)	2.25 (0.8; 1.7)	23.47 (0.9; 1.2)	18.61 (0.7; 1.2)	29.94 (1; 1.6)		10.83 (1.1; 1.9)	2.58 (1; 1.6)	GM _{Eu}
SI	41.82 (1; 2)	3.99 (1.4; 3)	26.02 (1; 1.3)	20.6 (0.8; 1.4)	30.77 (1.1; 1.6)	2.19 (1.1; 1.7)	9.2 (0.9; 1.6)	3.27 (1.3; 2)	*1/2
NO	20.66 (0.5; 1)	5.71 (2.1; 4.3)	32.22 (1.3; 1.6)	28.77 (1.2; 1.9)	32.44 (1.1; 1.7)				*1/4
SK	56.7 (1.3; 2.7)	1.33 (0.5; 1)		86.54 (3.5; 5.7)	51.19 (1.8; 2.7)			2.66 (1.1; 1.7)	
FR	63.78 (1.5; 3.1)	9.26 (3.4; 7)	37.68 (1.5; 1.9)	23.17 (0.9; 1.5)	41.22 (1.4; 2.2)	3.17 (1.6; 2.5)	20.71 (2; 3.6)	4.2 (1.7; 2.6)	
·	MEP MBzP MiBP MnBP ΣDEHPm ΣDiDPm ΣDiNPm ΣDINCHm								i I

Supplementary Figure 3. Heatmap of comparisons of each study's GM (exposure value geometric mean; $\mu g/L$) to the European GMs (GM_{Eu} , $\mu g/L$; in white). Grey cells: No or no quality-assured data for this metabolite or sum in this study. The darker blue the concentration of a metabolite or sum of a study is, the smaller is it relative to the GM_{Eu} . The darker pink the concentration is, the higher is it relative to the GM_{Eu} . Each cell gives the respective GM (calculated with survey methods) for a metabolite or sum from a country in $\mu g/L$. The first number in the brackets gives the proportion of that GM relative to the GM_{Eu} (e.g. 0.5 meaning this GM is half the GM_{Eu}). The second number in the bracket gives the proportion relative to the lowest GM of that metabolite or sum (e.g. 1 = the lowest GM; 7 = GM is 7 times higher than the lowest GM for that metabolite or sum). $\Sigma DEHPm$ is the sum of OH-MEHP, oxo-MEHP, and cx-MEPP; $\Sigma DINPm$ the sum of OH-MINP and cx-MINP; $\Sigma DIDPm$ the sum of OH-MIDP and cx-MIDP; and $\Sigma DINCHm$ the sum of OH-MINCH and cx-MINCH.