

Exposure of Vulnerable Populations to Phthalates in Food -- An Exposure Assessment for DEHP

Food Group	DEHP Conc. ug/kg (ppb)	Food Products	DEHP Relative Conc.	Women of Reproductive Age (13 - 49 years old)		Young Infants (1 - 2 years old)		Adolescents (13 - 19 years old)	
				Percent Exposure	Daily Intake (ug/kg-day)	Percent Exposure	Daily Intake (ug/kg-day)	Percent Exposure	Daily Intake (ug/kg-day)
Dairy	712	Cream	HIGH	47 %	2.7	73 %	31	48 %	4
		Cheese	MED-HIGH						
	* Milk: DEHP low; DINP & DIDP med. Milk *	LOW-MED							
	Yogurt	LOW							
Fat	1,852	Butter	HIGH	32 %	1.9	18 %	7	36 %	3
		Margarine	HIGH						
		Lard	HIGH						
		Veg. Oil	HIGH						
Meat	209	Poultry	HIGH	6 %	0.3	2 %	1	5 %	0.4
		Pork	MED						
		Beef	LOW-HIGH						
Grain	187		LOW-MED	6 %	0.4	3 %	1	6 %	0.5
Fish	180		LOW-HIGH	1 %	0.03	0.1 %	0.05	0.3 %	0.02
Vegetable	132		LOW	6 %	0.3	3 %	1	4 %	0.3
Fruit	116		LOW	2 %	0.1	2 %	1	1 %	0.1
Eggs	21		LOW	0.1 %	0.01	0.1 %	0.03	0.1 %	0.01
TOTAL	3,410			100 %	5.7	100 %	42	100 %	8.2

After Serrano SE, Braun J, Trasande L, Dills R and Sathyanarayana S (2014) **Phthalates and diet: a review of food monitoring and epidemiology data** *Environmental Health* 13:43 doi: [10.1186/1476-069X-13-43](https://doi.org/10.1186/1476-069X-13-43)