

Supplemental Material

Phthalate Concentrations and Dietary Exposure from Food Purchased in New York State

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Supplemental Material, Table S1. Concentrations of phthalates (ng/g wet wt) measured in foodstuffs from Albany, New York, USA in 2011 for each individual sample. Samples below the level of detection (LOD) are indicated by “*”.

Category	Sample	Container Type	DMP (0.2) ^a	DEP (0.2)	DiBP (0.2)	DBP (1.4)	DnHP (0.2)	BBzP (0.2)	DCHP (0.2)	DEHP (3.7)	DnOP (1.0)
Beverages	Diet lemon tea	Plastic	*	*	0.64	*	*	*	*	18.2	*
	Lemonade	Plastic	*	*	*	*	*	*	*	*	*
	Soda	Plastic	0.22	*	*	*	*	*	*	*	*
	Bottled water	Plastic	*	*	*	*	*	*	*	*	*
	Green tea	Plastic	*	*	*	*	*	*	*	*	*
	Sports drink	Plastic	*	*	*	*	*	*	*	*	*
	Sports drink	Plastic	*	*	0.23	*	*	*	*	*	*
	Apple juice	Plastic	0.23	*	0.95	*	*	*	*	*	*
Milk	Milk	Plastic	*	*	*	*	*	*	*	28	2.52
	Milk	Plastic	*	0.24	0.3	2.3	*	0.99	*	69.1	*
Other Dairy	Pudding	Plastic	*	*	0.75	31.7	*	*	*	92.8	*
	Sliced cheese	Plastic	0.85	0.66	4.01	138	*	0.49	1.86	69.7	*
	Ice cream	Paper	*	1.91	0.57	4.77	0.21	1.89	*	341	20.8
	Ice cream	Paper	*	0.86	1.81	*	8.82	18.3	*	10.2	*
	Butter	Paper	0.7	0.55	1.19	252	1.58	*	*	275	*
	Butter	Paper	1.54	2.78	0.79	*	*	5.02	*	200	*
	Shredded cheese	Plastic	0.73	5.27	7.87	513	*	10.8	*	285	*
	Yogurt	Plastic	*	*	*	*	*	*	*	3.71	*
	Yogurt	Plastic	*	*	*	*	*	1.2	*	16.6	*
Fish	Salmon fillet	Foam/ plastic	0.43	1.03	*	*	*	2.43	*	54.8	*
	Tuna	Plastic	*	0.93	3.7	47.5	*	*	*	39.6	*
	Raw shrimp	Plastic	*	*	*	*	*	*	*	*	*
	Chopped clams	Metal	*	*	*	*	*	*	*	6.53	*

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	Sardines	Metal	0.32	0.86	0.99	5.5	0.25	5.32	*	55.8	*
Fruits/Vegetables	Tomato sauce	Metal	*	0.2	1.2	*	*	*	*	*	*
	Canned fruits	Plastic	*	*	*	*	*	*	*	*	*
	Vegetable soup	Plastic	*	*	0.48	*	*	0.34	*	21.7	*
	Vegetable soup	Plastic	*	*	0.67	*	*	2.72	*	*	*
	Canned fruits	Metal	*	*	0.28	*	*	*	*	3.74	*
Grain	Cookies	Paper	0.34	0.75	4.01	11.7	*	1.95	*	151	*
	Cake mix	Paper	*	0.45	0.68	5.14	0.27	7.25	*	41.5	*
	Cereals	Paper	*	2.72	14	30.6	*	4.76	*	20	*
	Cookies	Plastic	0.29	1.17	*	*	0.34	0.5	*	39.4	*
	Bread	Plastic	0.44	78.8	1.06	3.35	0.61	2.1	*	69.6	*
	Cookies	Paper	0.35	0.43	3.27	57.9	*	20.2	*	50.6	*
	Rice	Paper	0.47	3.55	1.64	1.7	*	4.65	*	59.1	*
Beef	Ground beef	Plastic, paper	0.25	0.83	*	*	4.83	1.11	*	*	*
	Beef	Foam/ plastic	*	0.45	*	*	*	*	*	*	6.64
Pork	Sausage links	Foam/ plastic	*	0.22	*	*	*	*	*	8.16	*
	Pork	Foam/ plastic	0.89	0.6	*	*	*	*	*	*	*
	Pork bacon	Plastic/ paper	0.21	0.82	24.7	*	*	*	*	33.1	*
	Ham	Plastic	*	0.57	*	*	*	0.6	*	1158	9.95
Poultry	Ground turkey	Foam/ plastic	0.2	0.32	*	*	*	*	*	22.6	*
	Ground chicken	Foam/ plastic	0.21	0.74	*	*	*	*	*	7	*
	Chicken drumsticks	Foam/ plastic	*	0.34	*	*	*	1.99	*	6	*
	Turkey breast	Plastic	*	0.73	*	*	*	*	*	36.4	*
	Turkey bacon	Plastic/ paper	*	0.25	*	*	*	*	*	38	*
	Chicken franks	Plastic	0.21	*	*	*	0.73	1.58	*	*	*
Hotdog	Hotdog	Plastic	0.3	0.39	*	*	*	*	*	6.36	*
Vegetable Oils	Canola oil	Plastic	*	*	*	*	*	2.2	*	*	*

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	Virgin olive oil	Glass	3.41	*	9.26	9.2	*	459	42.6	300	*
	Vegetable oil	Plastic	*	*	0.25	*	0.37	0.35	*	48.9	1.51
Condiments	Pudding syrup	Plastic	*	*	0.44	*	*	0.3	*	21.2	*
	Marinade	Glass	0.29	*	1.03	6.66	*	3.34	0.29	7.36	*
	Barbecue sauce	Plastic	*	*	*	*	*	*	*	*	*
	Italian dressing	Plastic	0.86	0.29	2.82	80.9	*	*	*	103	*
	Ranch	Plastic	0.5	3.8	0.66	2.5	*	2.35	*	29.1	4.61
	Tomato ketchup	Plastic	*	0.21	0.95	*	*	5.77	*	20	*
Infant Food	Rice cereal	Paper	*	0.54	2.71	2.93	*	1.22	0.69	95.2	*
	Readymade meal for baby	Plastic	*	0.4	0.22	1.55	*	11.7	*	105	6.13
	Readymade meal for baby	Plastic	*	0.92	0.95	*	*	3.5	*	29.4	*
	Fruit homogenate	Plastic	*	0.28	1.19	*	*	3.53	*	15.8	*
	Vegetable homogenate	Plastic	*	*	0.11	*	*	1.13	*	23.8	*
	Fruit homogenate	Glass	*	*	*	*	*	2.37	*	235	8.85
	Food homogenate	Glass	*	*	*	*	*	*	*	21.2	*
Measured, but not included in other food categories	Chicken noodles	Plastic	*	0.47	1.18	39.6	*	4.7	1.56	25.3	*
	Chicken pot pie	Paper plate, paper box	*	1.37	*	*	*	0.83	*	32.1	*
	Pizza	Plastic	0.47	3.61	*	*	*	0.94	*	63.2	*
	Turkey & dressing with gravy	Plastic	0.22	1.29	2.91	14.7	0.6	30.6	*	175	26.1
	Instant noodles	Plastic	0.51	1.36	2.5	74.7	*	*	*	41.6	*
	Onion soup mix	Paper	0.33	2.68	0.39	1.58	*	1.41	*	138	*
	Noodle soup	Metal	*	*	*	*	*	1.69	*	7.56	*

^a The limit of detection for each phthalate ester is indicated in parenthesis.