

Supplementary Table 3. Wet serum concentrations of persistent organic pollutants according to the metabolic equivalent (MET)-minutes of leisure-time physical activity

	Model ^a	Daily MET-minutes of leisure-time moderate to vigorous physical activity, MET-min/day						<i>P</i> _{trend}	<i>P</i> _{quadratic}
		<10	10 to <50	50 to <100	100 to <200	200 to <500	500≤		
No. of subjects		798	242	171	238	267	134		
ΣOCPs	1	2,639.3±88.9	2,042.8±122.1	2,001.8±141.9	2,048.2±123.1	1,930.6±109.6	2,033.2±164.7	<0.001	0.004
	2	2,630.9±90.6	2,064.6±124.2	2,008.6±141.9	2,038.9±124.4	1,931.6±110.9	2,025.1±164.8	<0.001	0.006
β-Hexachlorocyclohexane	1	57.8±2.0	44.5±2.8	44.8±3.3	46.7±2.9	41.1±2.4	44.9±3.8	<0.001	0.017
	2	57.4±2.1	44.7±2.8	44.7±3.3	46.5±3.0	41.4±2.5	44.6±3.8	<0.001	0.021
<i>p,p'</i> -DDE	1	2,156.0±78.9	1,669.3±108.4	1,633.9±125.9	1,670.7±109.1	1,592.9±98.3	1,674.7±147.4	<0.001	0.007
	2	2,150.8±80.6	1,687.1±110.4	1,639.2±126.0	1,660.5±110.2	1,590.6±99.3	1,664.9±147.4	<0.001	0.009
<i>p,p'</i> -DDT	1	53.0±1.7	42.8±2.5	40.7±2.8	40.1±2.3	40.4±2.2	38.9±3.1	<0.001	0.014
	2	52.1±1.7	42.6±2.5	40.2±2.8	39.2±2.3	39.9±2.2	38.0±3.0	<0.001	0.019
Oxychlorodane	1	60.4±1.5	52.9±2.3	53.3±2.7	56.1±2.4	51.8±2.1	57.4±3.3	0.011	0.026
	2	60.8±1.5	54.4±2.4	54.1±2.8	57.8±2.6	53.3±2.2	58.6±3.5	0.041	0.056
<i>Trans</i> -nonachlor	1	89.7±2.4	83.4±4.0	82.0±4.6	90.9±4.4	78.5±3.6	82.2±5.3	0.050	0.843
	2	90.7±2.5	85.8±4.2	83.6±4.8	93.8±4.6	80.7±3.7	84.2±5.5	0.109	0.980
Heptachlor epoxide	1	32.7±0.8	30.4±1.3	31.1±1.5	32.1±1.4	26.5±1.1	27.4±1.6	<0.001	0.421
	2	32.6±0.8	30.9±1.3	31.2±1.5	32.7±1.4	27.3±1.1	27.4±1.5	<0.001	0.227
No. of subjects		715	203	183	207	266	128		
ΣPCBs	1	566.6±13.1	525.8±22.1	572.4±25.3	608.1±25.3	580.8±21.3	600.6±31.9	0.112	0.672
	2	567.4±13.0	525.5±22.0	576.0±25.3	607.7±25.2	576.5±21.1	597.9±31.7	0.157	0.743

Values are presented as geometric mean ± standard error (pg/g).

ΣOCPs, sum of six OCPs (β-hexachlorocyclohexane, *p,p'*-DDE, *p,p'*-DDT, oxychlorodane, *trans*-nonachlor, and heptachlor epoxide; ΣPCBs, sum of 12 PCBs (PCB74, PCB99, PCB118, PCB138, PCB146, PCB153, PCB156, PCB170, PCB180, PCB187, 3,3',4,4',5-pentachlorobiphenyl, and 3,3',4,4',5,5'-hexachlorobiphenyl).

^aModel 1: adjusted for age, sex, and race/ethnicity; Model 2: further adjusted for smoking status, body mass index, weight change for recent 1 year, total calorie intake, dietary intake of total monounsaturated fatty acids, dietary intake of total polyunsaturated fatty acids, and dietary intake of total saturated fatty acids.