

Table D. Unadjusted and adjusted means (\pm SE) of lymphocyte subset percentages in 3 month old infants exposed to organochlorines postnatally^a

	CD19 ⁺	CD3 ⁺	CD4 ⁺ CD8 ⁻	CD4 ⁺ CD8 ⁺	CD56 ⁺
CB 28+52+101 postnatal					
0-5.5 ng/g fw*days	14.50 \pm 1.83	65.19 \pm 2.90	54.81 \pm 2.77	13.20 \pm 0.92	1.08 \pm 0.13
5.6-11.8	15.87 \pm 1.89	69.43 \pm 3.09	53.89 \pm 2.87	14.13 \pm 0.95	0.91 \pm 0.14
11.9-76.3	18.75 \pm 1.83	66.63 \pm 3.20	53.29 \pm 3.00	12.81 \pm 1.02	0.99 \pm 0.15
CB-153 postnatal					
0-134 ng/g fw*days	12.93 \pm 1.99	67.58 \pm 3.16	55.76 \pm 2.98	14.39 \pm 1.05	0.72 \pm 0.13
135-217	18.20 \pm 1.92	67.39 \pm 3.16	54.44 \pm 2.87	12.95 \pm 1.01	1.25 \pm 0.13*
218-396	17.33 \pm 1.91	65.88 \pm 3.16	52.28 \pm 2.87	13.60 \pm 1.01	1.03 \pm 0.13
0-134 ng/g fw*days ^b					0.75 \pm 0.23
135-217					1.24 \pm 0.26
218-396					1.02 \pm 0.28
Di-ortho PCB postnatal					
0-267 ng/g fw*days	13.62 \pm 1.81	67.52 \pm 2.92	55.91 \pm 2.74	13.88 \pm 0.92	0.75 \pm 0.12
268-412	18.93 \pm 1.87	65.46 \pm 3.22	51.81 \pm 2.93	13.59 \pm 0.98	1.09 \pm 0.14
413-830	16.75 \pm 1.81	67.88 \pm 3.11	54.10 \pm 2.84	12.68 \pm 0.98	1.18 \pm 0.13
Mono-ortho PCB postnatal					
0-8.2 pg TEQ/g fw*days	14.06 \pm 1.84	67.72 \pm 2.93	55.33 \pm 2.76	13.86 \pm 0.92	0.87 \pm 0.13
8.3-12.1	17.53 \pm 1.90	66.12 \pm 3.23	53.93 \pm 3.00	13.61 \pm 0.98	0.97 \pm 0.14
12.2-26.0	17.63 \pm 1.84	67.03 \pm 3.12	52.54 \pm 2.86	12.68 \pm 0.98	1.17 \pm 0.14
p,p'-DDE postnatal					
0-211 ng/g fw*days	14.44 \pm 1.84	67.60 \pm 2.89	53.98 \pm 2.77	13.95 \pm 0.92	0.79 \pm 0.13
212-413	18.64 \pm 1.97	63.87 \pm 3.18	52.92 \pm 2.96	13.13 \pm 0.99	1.08 \pm 0.14
414-2199	16.35 \pm 1.79	69.27 \pm 3.07	55.12 \pm 2.86	13.06 \pm 0.99	1.15 \pm 0.14

^a Infants with an ongoing infection at the time of sampling were excluded, as well as infants that had an infection within 7 days before sampling. Postnatal exposure: breast milk levels (ng or pg/g fresh weight)*days of nursing*(%of full nursing/100). CB 28+52+101=CB-28, CB-52, CB-101; Di-ortho PCB=CB-138, CB-153, CB-180; Mono-ortho PCB TEQ=CB-105, CB-118, CB-156, CB-167 [32]. N=45.

^b Infants in the second highest exposure group had a significantly higher percentage of CD56+ lymphocytes than infants with the lowest exposure in univariate analysis. Therefore means were adjusted for age of the mother, smoking and alcohol consumption during pregnancy, mother's education, vaccination of the infant, nursing of the infant, age of the infant, and infant's history of respiratory infections.

*p<0.01