

Table 2. Serum PFOA Levels in Human Populations

Occupational Exposures – Serum Levels (ppm)				
Plant	Arithmetic Mean	Range	Geometric Mean	95% CI
Cottage Grove Plant				
1997 (n = 74)	6.4	0.1 – 81.3	*	*
1995 (n = 80)	6.8	0.0 – 114.1	*	*
1993 (n = 111)	5.0	0.0 – 80.0	*	*
Decatur Plant				
2000 (n = 263)	1.78	0.04 – 12.70	1.13	0.99 – 1.30
1998 (n = 126)	1.54	0.02 – 6.76	0.90	0.72 – 1.12
1997 (n = 84)	1.57	not reported	*	*
1995 (n = 90)	1.46	not reported	*	*
Antwerp Plant				
2000 (n = 258)	0.84	0.01 – 7.04	0.33	0.27 – 0.40
1995 (n = 93)	1.13	0.00 – 13.2	*	*
Building 236				
2000 (n = 45)	0.106	0.008 – 0.668	0.053	0.037 – 0.076
General Population Exposures – Serum Levels (ppb)				
Source	Arithmetic Mean	Range	Geometric Mean	95% CI
Pooled samples				
Commercial sources of blood, 1999 (n = 35 lots)	3	1 - 13	*	*
Blood Banks (n = 18), 1998 ~340-680 donors	17**	12 - 22	*	*
Individual samples				
American Red Cross blood banks, 2000 (n = 645)	5.6	1.9 - 52.3	4.6	4.3 – 4.8
Elderly (ages 65-96), 2000 (n = 238)	not reported	1.4 – 16.7	4.2	3.9 – 4.5
Children (ages 2-12), 1995 (n= 598)	5.6	1.9 - 56.1	4.9	4.7 – 5.1
3M Corporate managers/staff St. Paul, MN, 1998 (n = 31)	12.5***	not reported	*	*

*Geometric mean and 95% confidence intervals were not included in the reports.

**PFOA detected in about 1/3 of the pooled samples but quantifiable in only 2

***only 4 employees were above the detection limit of 10 ppb