

Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food

Annex B - Statement for use of the 2020 EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food in UK risk assessments

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UK dietary exposures (non-breast milk)

1. UK exposures from the EFSA Opinion have been tabulated for ease. The values were taken from Annex A, Table/Spreadsheet A5. Only data from UK surveys for the sum of all 4 PFASs were included. The data in the Opinion were on a ng/kg bw per day basis (Table 1a). The values were multiplied by 7 (Table 1b) to give values for ng/kg bw per week.

Table 1a. Mean and 95th percentile(a) chronic exposures to the 4 PFASs (ng/kg b.w. per day) for total population.

Survey	Age	Number of subjects	LB Mean exposure	UB Mean exposure	LB 95th Exposure	UB 95th Exposure
NDNS						
years 1-3	Toddlers	185	2.4	64	6.4	120

NDNS years 1- 3	Other children	651	1.4	47	3.9	91
NDNS years 1- 3	Adolescents	666	0.5	21	1.5	49
NDNS years 1- 3	Adults	1266	0.6	14	1.8	29
NDNS years 1- 3	Elderly	166	0.8	14	2.1	29
NDNS years 1- 3	Very elderly	139	0.8	16	2.2	32
DNSIYC 2011	Infants	1369	8.8	85	15	120
DNSIYC 2011	Toddlers	1314	4.1	66	11	110

Exposures are to 2 significant figures.

Table 1b. Mean and 95th percentile(a) chronic exposures to the 4 PFASs (ng/kg b.w. per week) for total population.

Survey	Age	Number of subjects	LB Mean exposure	UB Mean exposure	LB 95th Exposure	UB 95th Exposure
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NDNS						
years 1-3	Toddlers	185	17	450	45	850
NDNS						
years 1-3	Other children	651	9.7	330	27	640
NDNS						
years 1-3	Adolescents	666	3.2	150	10	350
NDNS						
years 1-3	Adults	1266	4.3	97	13	200
NDNS						
years 1-3	Elderly	166	5.5	100	14	210
NDNS						
years 1-3	Very elderly	139	5.6	110	15	220
DNSIYC 2011	Infants	1369	61	590	110	870
DNSIYC 2011	Toddlers	1314	29	460	74	770

Exposures are to 2 significant figures.

COT
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