

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

In this guide

[In this guide](#)

1. [Introduction - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
2. [Background - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
3. [Summary of 2020 EFSA evaluation](#)
4. [Toxicity - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
5. [Exposures - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
6. [Critical effects, dose-response assessment and derivation of a health-based guidance value- Statement on the EFSA Opinion on the risks of perfluoroalkyl substances](#)
7. [Risk Characterisation - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
8. [Uncertainties in the critical effects, dose-response assessment and derivation of an HBG](#)
9. [COT Conclusions - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)

10. [References - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
11. [Abbreviations - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
12. [Technical Information - Statement on the EFSA Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food](#)
13. [Annex A - Statement for use of the EFSA 2020 Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food in UK risk assessments](#)
14. [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](#)
15. [Annex C - 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](#)
16. [Annex D - Statement for use of the EFSA 2020 Opinion on the risks to human health related to the presence of perfluoroalkyl substances in food in UK risk assessments](#)

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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