

## Table 2

### In this guide

#### [In this guide](#)

1. [Supplementary information - Annex B to TOX/2025/26](#)
2. [Table 1 - Annex B to TOX/2025/26](#)
3. [Table 2 - Annex B to TOX/2025/26](#)
4. [Table 3 - Annex B to TOX/2025/26](#)
5. [Table 4 - Annex B to TOX/2025/26](#)
6. [Table 5 - Annex B to TOX/2025/26](#)
7. [Table 6 - Annex B to TOX/2025/26](#)
8. [Table 7 - Annex B to TOX/2025/26](#)
9. [Table 8 - Annex B to TOX/2025/26](#)
10. [Table 9 - Annex B to TOX/2025/26](#)
11. [Table 10 - Annex B to TOX/2025/26](#)
12. [Table 11 - Annex B to TOX/2025/26](#)
13. [Table 12 - Annex B to TOX/2025/26](#)
14. [Table 13 - Annex B to TOX/2025/26](#)
15. [Table 14 - Annex B to TOX/2025/26](#)
16. [Table 15 - Annex B to TOX/2025/26](#)
17. [Table 16 - Annex B to TOX/2025/26](#)

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### Table 2: Chronic exposure

Chronic exposure to the sum of T-2 and HT-2 from processed oat grains, unprocessed oat grains with applied reduction factor, and oats combined based on DNSYIC and NDNS years 1-11 consumption data and occurrence data collected from the FSA call for evidence ( $\mu\text{g/kg bw/day}$ ; LB-UB).

### Infants (4-18 months) (n=2683)

Food groups	Count of T-2 HT-2 data call samples (n)	Median T-2/HT-2 concentration µg/kg LB-UB	Mean*	P97.5*
Processed oats**	443	25	0.0069	0.043
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0061-0.0083	0.038-0.051
Oats combined ++	4526	22.95 - 30.00	0.0063-0.0083	0.039-0.051

### Toddlers (1.5-3 years) (n=1157)

Food groups	Count of T-2 HT-2 data call samples (n)	Median T-2/HT-2 concentration µg/kg LB-UB	Mean*	P97.5*
Processed oats**	443	25	0.0065	0.042
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0058 - 0.0078	0.037 - 0.050
Oats combined ++	4526	22.95 - 30.00	0.0060 - 0.0078	0.038 - 0.050

### Children (4-10 years) (n=2537)

Food groups	Count of T-2 HT-2 data call samples (n)	Median T-2/HT-2 concentration µg/kg LB-UB	Mean*	P97.5*
Processed oats**	443	25	0.0042	0.025
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0037 – 0.0050	0.023 – 0.031
Oats combined ++	4526	22.95 – 30.00	0.0038 – 0.0050	0.023 – 0.031

### **Older Children (11-18 years) (n=2657)**

Food groups	Count of T-2 HT-2 data call samples (n)	Median T-2/HT-2 concentration µg/kg LB-UB	Mean*	P97.5*
Processed oats**	443	25	0.0016	0.011
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0014 – 0.0019	0.0098 – 0.013
Oats combined ++	4526	22.95 – 30.00	0.0015 – 0.0019	0.010 – 0.013

### **Adults (19-64 years) (n=5094)**

<b>Food groups</b>	<b>Count of T-2 HT-2 data call samples (n)</b>	<b>Median T-2/HT-2 concentration µg/kg LB-UB</b>	<b>Mean*</b>	<b>P97.5*</b>
Processed oats**	443	25	0.0020	0.014
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0018 – 0.0024	0.012 – 0.017
Oats combined ++	4526	22.95 – 30.00	0.0019 – 0.0024	0.013 – 0.017

### **Elderly (65+ years) (n=1538)**

<b>Food groups</b>	<b>Count of T-2 HT-2 data call samples (n)</b>	<b>Median T-2/HT-2 concentration µg/kg LB-UB</b>	<b>Mean*</b>	<b>P97.5*</b>
Processed oats**	443	25	0.0029	0.015
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0026 – 0.0035	0.013 – 0.018
Oats combined ++	4526	22.95 – 30.00	0.0027 – 0.0035	0.014 – 0.018

### **Adult Vegetarians / Vegans (19-64 years) (n=170)**

<b>Food groups</b>	<b>Count of T-2 HT-2 data call samples (n)</b>	<b>Median T-2/HT-2 concentration µg/kg LB-UB</b>	<b>Mean*</b>	<b>P97.5*</b>
Processed oats**	443	25	0.0035	0.021
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0031 – 0.0042	0.018 – 0.025
Oats combined ++	4526	22.95 – 30.00	0.0032 – 0.0042	0.019 – 0.025

### **Women of Childbearing age (16-49 years) (n=2556)**

<b>Food groups</b>	<b>Count of T-2 HT-2 data call samples (n)</b>	<b>Median T-2/HT-2 concentration µg/kg LB-UB</b>	<b>Mean*</b>	<b>P97.5*</b>
Processed oats**	443	25	0.0018	0.012
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0016 – 0.0022	0.011 – 0.014
Oats combined ++	4526	22.95 – 30.00	0.0017 – 0.0022	0.011 – 0.014

\*Estimates have been rounded to 2 significant figures.

+Oat grains with reduction factor - unprocessed oat grains with reduction factor applied.

\*\*Processed oat grains – RPC derivatives/ ingredients i.e. RPCs which have undergone basic processing such as grinding, milling or crushing.

++ Oats combined - combination of processed oat grains and unprocessed oat grains with reduction factor (85%).

LB - Lower bound: values below the limit of quantification (LOQ) are treated as zero; UB - Upper bound: values below the LOQ are treated as at the LOQ.

\*\* If single value is shown, it indicates that the exposures are based on detected values above the LOQ.