Annex B to TOX/2025/26 - First draft statement on the risk for T-2 and HT-2 mycotoxins in food

Table 6

In this guide

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This is a paper for discussion. This does not represent the views of the Committee and should not be cited.

Table 6: Chronic exposure

Chronic exposure to sum of T-2 and HT-2 from unprocessed oat grains, unprocessed wheat grains, and unprocessed barley grains based on DNSYIC and NDNS years 1-11 consumption data and occurrence data collected from the FSA call for evidence (µg/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*
Unprocessed oats**	4083	170.44	0.047	0.29
Unprocessed wheat grains	192	0 -10.00	0-0.0091	0-0.031
Unprocessed barley grains	105	0 -10.00	0-0.00010	0-0.00055
All grains sum	NA	NA	0-0.056	0-0.29

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*
Unprocessed oats**	4083	170.44	0.044	0.28
Unprocessed wheat grains	192	0 -10.00	0-0.016	0-0.040
Unprocessed barley grains	105	0 -10.00	0-0.00013	0-0.0011
All grains sum	NA	NA	0-0.061	0-0.29

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*
Unprocessed oats**	4083	170.44	0.028	0.17
Unprocessed wheat grains	192	0 -10.00	0-0.015	0- 0.036
Unprocessed barley grains	105	0 -10.00	0-0.00010	0-0.00082
All grains sum	NA	NA	0-0.044	0-0.20

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*
Unprocessed oats**	4083	170.44	0.011	0.076
Unprocessed wheat grains	192	0 -10.00	0-0.0089	0-0.022
Unprocessed barley grains	105	0 -10.00	0-0.00017	0-0.00052
All grains sum	NA	NA	0-0.020	0-0.089

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

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*
Unprocessed oats**	4083	170.44	0.014	0.095
Unprocessed wheat grains	192	0 -10.00	0-0.0056	0-0.015
Unprocessed barley grains	105	0 -10.00	0-0.0039	0-0.052
All grains sum	NA	NA	0-0.023	0-0.12

Elderly (65+ years) (n=1538)

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*
Unprocessed oats**	4083	170.44	0.020	0.10
Unprocessed wheat grains	192	0 -10.00	0-0.0048	0-0.012
Unprocessed barley grains	105	0 -10.00	0-0.0054	0-0.071
All grains sum	NA	NA	0-0.030	0-0.15

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

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*
Unprocessed oats**	4083	170.44	0.024	0.14
Unprocessed wheat grains	192	0 -10.00	0-0.0063	0-0.015
Unprocessed barley grains	105	0 -10.00	0-0.0036	0-0.035
All grains sum	NA	NA	0-0.034	0-0.15

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

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*
Unprocessed oats**	4083	170.44	0.012	0.081
Unprocessed wheat grains	192	0 -10.00	0-0.0057	0-0.014
Unprocessed barley grains	105	0 -10.00	0-0.00061	0-0.0010
All grains sum	NA	NA	0-0.019	0-0.093

*Estimates have been rounded to 2 significant figures.

**Unprocessed oat grains – oat grains without processing (raw primary commodity (RPC)).

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.