Table 7

In this guide

In this guide

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

Table 7: Acute exposure

Acute 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	0.10	0.58
Unprocessed wheat grains	192	0 -10.00	0-0.018	0-0.056
Unprocessed barley grains	105	0 -10.00	0-0.00031	0-0.0016
All grains	NA	NA	0-0.12	0-0.59

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	0.096	0.54
Unprocessed wheat grains	192	0 -10.00	0-0.029	0-0.069
Unprocessed barley grains	105	0 -10.00	0-0.00038	0-0.0036
All grains	NA	NA	0-0.12	0-0.55

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	0.063	0.33
Unprocessed wheat grains	192	0 -10.00	0-0.027	0-0.062
Unprocessed barley grains	105	0 -10.00	0-0.00027	0-0.0022
All grains	NA	NA	0-0.084	0-0.35

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	0.025	0.16
Unprocessed wheat grains	192	0 -10.00	0-0.016	0-0.040
Unprocessed barley grains	105	0 -10.00	0-0.00058	0-0.0013
All grains	NA	NA	0-0.040	0-0.17

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	0.026	0.15
Unprocessed wheat grains	192	0 -10.00	0-0.011	0-0.028
Unprocessed barley grains	105	0 -10.00	0-0.011	0- 0.16
All grains	NA	NA	0-0.045	0-0.24

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	0.032	0.15
Unprocessed wheat grains	192	0 -10.00	0-0.0084	0-0.020
Unprocessed barley grains	105	0 -10.00	0-0.013	0-0.18

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*
All grains	NA	NA	0-0.051	0-0.24

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	0.047	0.24
Unprocessed wheat grains	192	0 -10.00	0-0.012	0-0.027
Unprocessed barley grains	105	0 -10.00	0-0.014	0-0.11
All grains	NA	NA	0-0.069	0-0.34

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	0.024	0.15
Unprocessed wheat grains	192	0 -10.00	0-0.011	0-0.028

Unprocessed barley grains	105	0 -10.00	0-0.0021	0-0.0023
All grains	NA	NA	0-0.035	0-0.17

*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.