

Table 2

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Table 2: Acute exposure to the sum of T-2 and HT-2 from unprocessed oat grains and unprocessed oat grains with applied reduction factor based on DNSYIC and NDNS years 1-11 consumption data and occurrence data collected from the FSA call for evidence ($\mu\text{g}/\text{kg}$ 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 oats with reduction factor+	4083	22.20-30.00	0.013-0.018	0.075-0.10

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 oats with reduction factor+	4083	22.20-30.00	0.013 - 0.017	0.070 - 0.094

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 oats with reduction factor+	4083	22.20-30.00	0.0081 - 0.043 - 0.011 0.059
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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 oats with reduction factor+	4083	22.20-30.00	0.0033 - 0.021 - 0.0045 0.028

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 oats with reduction factor+	4083	22.20-30.00	0.0034 - 0.020 - 0.0046 0.027

Older Adults (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 oats with reduction factor+	4083	22.20-30.00	0.0042 – 0.0057	0.019 – 0.026

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 oats with reduction factor+	4083	22.20-30.00	0.0061 – 0.0082	0.031 – 0.042

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 oats			0.0032 - 0.019 -
with reduction	4083	22.20-30.00	0.0043 0.026
factor+			

*Estimates have been rounded to 2 significant figures.

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

+ Oat grains with reduction factor - unprocessed oat grains with reduction factor (85%) applied.

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.