Table 1

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This is a draft statement for discussion. It does not reflect the final views of the Committee and should not be cited.

Table 1: Chronic exposures to sum of T-2 and HT-2 from unprocessed oat grains and unprocessed oat grains with a reduction factor applied (μg/kg bw/day; LB-UB). Consumption data was based on DNSYIC and NDNS years 1-11, occurrence data was collected from the

FSA's call for evidence.

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 oats with reduction factor+	4083	22.20-30.00	0.0061- 0.0083	0.038- 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*
Unprocessed oats**	^k 4083	170.44	0.044	0.28
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0058 - 0.0078	0.037 - 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*
Unprocessed oats**	4083	170.44	0.028	0.17

Unprocessed oats			0.0027	0.022
with reduction	4083	22.20-30.00	0.0037 -	0.023 -
	4005	22.20 30.00	0.0050	0.031
factor+				

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 oats with reduction factor+	4083	22.20-30.00	0.0014 - 0.0019	0.0098 - 0.013

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 oats with reduction factor+	4083	22.20-30.00	0.0018 - 0.0024	0.012 - 0.017

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 oats with reduction factor+	4083	22.20-30.00	0.0026 - 0.0035	0.013 - 0.018

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**	^k 4083	170.44	0.024	0.14
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0031 - 0.0042	0.018 - 0.025

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 oats with reduction factor+	4083	22.20-30.00	0.0016 - 0.0022	0.011 - 0.014

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.

Table 1: 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 (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 oats with reduction factor+	4083	22.20-30.00	0.013- 0.018	0.075- 0.10

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

^{*}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.

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

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 - 0.011	0.043 - 0.059

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			0.0022	0.021
with reduction 4	4083	22.20-30.00	0.0033 -	0.021 -
with reduction	4005	22.20-30.00	0.0045	0.028
factor+			0.0045	0.020

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 - 0.0046	0.020 - 0.027

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 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**	^k 4083	170.44	0.024	0.15
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0032 - 0.0043	0.019 - 0.026

^{*}Estimates have been rounded to 2 significant figures.

- + 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.

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

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