

## Table 3

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### Table 3: Acute exposure

Acute exposure to 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	0.015	0.085
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.013- 0.018	0.075- 0.10
Oats combined++	4526	22.95 - 30.00	0.014- 0.018	0.078- 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*
Processed oats**	443	25	0.014	0.079
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.013 - 0.017	0.070 - 0.094
Oats combined++	4526	22.95 - 30.00	0.013 - 0.017	0.072 - 0.094

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

<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	0.0092	0.049
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0081 – 0.043 – 0.011	0.059
Oats combined++	4526	22.95 – 30.00	0.0084 – 0.045 – 0.011	0.059

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

<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	0.0037	0.023
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0033 – 0.021 – 0.0045	0.028
Oats combined++	4526	22.95 – 30.00	0.0034 – 0.021 – 0.0045	0.028

### **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	0.0038	0.022
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0034 – 0.0046	0.020 – 0.027
Oats combined++	4526	22.95 – 30.00	0.0035 – 0.0046	0.021 – 0.027

### **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	0.0047	0.022
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0042 – 0.0057	0.019 – 0.026
Oats combined++	4526	22.95 – 30.00	0.0043– 0.0057	0.020 – 0.026

### **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	0.0069	0.035
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0061 – 0.0082	0.031 – 0.042
Oats combined++	4526	22.95 – 30.00	0.0063 – 0.0082	0.032 – 0.042

### **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	0.0036	0.021
Unprocessed oats with reduction factor+	4083	22.20-30.00	0.0032 – 0.0043	0.019 – 0.026
Oats combined++	4526	22.95 – 30.00	0.0033 – 0.0043	0.020 – 0.026

\*Estimates have been rounded to 2 significant figures.

+Oats 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.