

## Table 5

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### Table 5: Acute exposure

Acute exposure to sum of T-2 and HT-2 from processed barley, oats combined (combination of processed oat grains and unprocessed oat grains with reduction factor), and processed wheat 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)

<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>
Oats combined ++	4526	22.95 – 30.00	0.014-0.018	0.078-0.10
Processed wheat	454	0 -2.00	0-0.0035	0-0.011
Processed barley grains	25	0 -10.00	0-0.00031	0-0.0016
All grains	NA	NA	0.014-0.021	0.078-0.10

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

<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>
Oats combined ++	4526	22.95 – 30.00	0.013 – 0.017	0.072 – 0.094
Processed wheat	454	0 -2.00	0-0.0058	0-0.014
Processed barley grains	25	0 -10.00	0-0.00038	0-0.0036

All grains	NA	NA	0.013- 0.022	0.072- 0.097
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### Children (4-10 years) (n=2537)

<b>Food groups</b>	<b>Count of T-2 data call samples (n)</b>	<b>HT-2 Median T-2/HT-2 concentration µg/kg LB-UB</b>	<b>Mean*</b>	<b>P97.5*</b>
Oats combined ++	4526	22.95 - 30.00	0.0084 - 0.011	0.045 - 0.059
Processed wheat	454	0 -2.00	0-0.0054	0- 0.012
Processed barley grains	25	0 -10.00	0- 0.00027	0- 0.0022
All grains	NA	NA	0.0084- 0.016	0.045- 0.062

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

<b>Food groups</b>	<b>Count of T-2 data call samples (n)</b>	<b>HT-2 Median T-2/HT-2 concentration µg/kg LB-UB</b>	<b>Mean*</b>	<b>P97.5*</b>
Oats combined ++	4526	22.95 - 30.00	0.0034 - 0.0045	0.021 - 0.028
Processed wheat	454	0 -2.00	0-0.0033	0-0.0081

Processed barley grains	25	0 -10.00	0- 0.00058	0- 0.0013
All grains	NA	NA	0.0034- 0.0077	0.021- 0.032

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

		Count of T-2 HT-2 Median T-2/HT-2 Food groups data call samples concentration µg/kg (n) LB-UB	Mean*	P97.5*
Oats combined ++	4526	22.95 – 30.00	0.0035 – 0.0046	0.021 – 0.027
Processed wheat	454	0 -2.00	0-0.0022	0-0.0055
Processed barley grains	25	0 -10.00	0-0.011	0- 0.16
All grains	NA	NA	0.0035- 0.017	0.021- 0.16

### Elderly (65+ years) (n=1538)

		Count of T-2 HT-2 Median T-2/HT-2 Food groups data call samples concentration µg/kg (n) LB-UB	Mean*	P97.5*
Oats combined ++	4526	22.95 – 30.00	0.0043- 0.0057	0.020 – 0.026

Processed wheat	454	0 -2.00	0-0.0017	0-0.0040
Processed barley grains	25	0 -10.00	0-0.013	0-0.18
All grains	NA	NA	0.0043-0.020	0.020-0.19

### **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>
Oats combined ++	4526	22.95 – 30.00	0.0063 – 0.0082	0.032 – 0.042
Processed wheat	454	0 -2.00	0-0.0025	0-0.0053
Processed barley grains	25	0 -10.00	0-0.014	0-0.11
All grains	NA	NA	0.0063-0.024	0.032-0.12

### **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>
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Oats combined ++	4526	22.95 – 30.00	0.0033 – 0.0043	0.020 – 0.026
Processed wheat	454	0 -2.00	0-0.0022	0-0.0057
Processed barley grains	25	0 -10.00	0- 0.0021	0-0.0023
All grains	NA	NA	0.0033- 0.0082	0.020- 0.034

\*Estimates have been rounded to 2 significant figures.

++ Oats combined - combination of processed oat grains and unprocessed oat grains with reduction factor (identical to “Oats combined” from Table 5 above).

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.