

## Table 4

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**Table 4: 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 ( $\mu\text{g}/\text{kg}$  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>
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)**

<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	0.014	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

## **Older Adults (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.