

Discussion paper on the effects of calcidiol supplementation during preconception, pregnancy and lactation

Annex A

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This is a paper for discussion. This does not represent the views of the Committee and should not be cited.

The data presented in the tables below are based on consumers of foods reported in the NDNS ((Bates et al., 2014, 2016; 2018, 2020).

Table A1: Estimated acute exposure of foods containing Calcdiol for women of childbearing age (16-49 years).

Food Groups	No. of consumers	Mean consumption (g/person/day) *	97.5 consumption (g/person/day) *	Mean Exposure (µg/kg bw/day) *	P97.5 exposure (µg/kg bw/day)*
Semi-skimmed milk	2083	200	620	3	9.7
Whole milk	1333	130	560	2	8.5
Butter	1736	16	51	0.24	0.77
Egg yolk	2128	34	93	0.5	1.4
Salmon	375	79	200	1.2	3.3
Trout	168	78	240	1.2	3.7
Pork cuts	1406	70	210	1	3.1
Pork rind	69	16	62	0.23	0.89

Pork liver	68	20	53	0.28	0.7
Cow Kidney	17**	15	27	0.21	0.43
Beef Liver	96	36	120	0.54	2.1

*Rounded to 2 s.f.

** Consumption or exposure estimates made with a small number of consumers may not be accurate. Where the number of consumers is less than 60, this should be treated with caution and may not be representative for a large number of consumers.

Table A2: Estimated chronic exposure of foods containing Calcdiol for women of childbearing age (16-49 years).

Food Groups	No. of consumers	Mean consumption (g/person/day)*	P97.5 consumption (g/person/day)*	Mean exposure (µg/kg bw/day)*	P97.5 exposure (µg/kg bw/day)*
Semi-skimmed milk	2083	110	400	1.7	5.7
Whole milk	1333	65	330	1	5
Butter	1736	6.9	25	0.1	0.4

Egg yolk	2128	13	39	0.2	0.63
Salmon	375	22	54	0.34	0.89
Trout	168	22	73	0.3	1
Pork cuts	1406	23	81	0.34	1.3
Pork rind	69	4.3	15	0.064	0.23
Pork liver	68	5.8	19	0.084	0.27
Cow Kidney	17**	3.9	7.4	0.054	0.11
Beef Liver	96	10	35	0.15	0.54

*Rounded to 2 s.f.

** Consumption or exposure estimates made with a small number of consumers may not be accurate. Where the number of consumers is less than 60, this should be treated with caution and may not be representative for a large number of consumers.