

Statement on the potential risks from cadmium in the maternal diet

Cadmium in the Maternal Diet - Abbreviations

In this guide

[In this guide](#)

1. [Cadmium in the Maternal Diet - Introduction](#)
2. [Cadmium in the Maternal Diet - Background](#)
3. [Cadmium in the Maternal Diet - Toxicity](#)
4. [Cadmium in the Maternal Diet - Health-based guidance value](#)
5. [Cadmium Exposures in Maternal Health](#)
6. [Cadmium in the Maternal Diet -Exposure assessment](#)
7. [Cadmium in the Maternal Diet - Risk characterisation](#)
8. [Cadmium in the Maternal Diet - Conclusions](#)
9. [Cadmium in the Maternal Diet - Abbreviations](#)
10. [Cadmium in the Maternal Diet - References](#)
11. [Cadmium in the Maternal Diet - Appendix A – Literature Search Terms \(2006-2021\)](#)
12. [Cadmium in the Maternal Diet - Appendix B](#)

ATSDR Agency for Toxic Substances and Disease Registry

BGS British Geological Survey

BMDL5 Benchmark Dose Lower Confidence Limit

Ca²⁺ Calcium ion

Cd Cadmium

Cd-MT Cadmium Metallothionein complex

CONTAM	Panel on Contaminants in the Food Chain
COT	Committee on the Toxicity
DMT-1	Divalent Metal Transporter-1
DNA	Deoxyribonucleic Acid
DWQR	Drinking Water Quality Regulator
EC	European Commission
EFSA	European Food Safety Authority
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
HBGV	Health Based Guidance Values
HER2	Human Epidermal Growth Factor Receptor 2
IARC	International Agency for Research on Cancer
ICP-OES	Inductively Coupled Plasma Optical Emission Spectroscopy
JECFA	Joint FAO/WHO Expert Committee on Food Additives
LB-UB	Lower Bound-Upper Bound
LOD	Limit of Detection

MOCEH	Mothers & Children Environmental Health Study
MT	Metallothionein
NBC	Normal Background Concentrations
NDNS	National Diet & Nutrition Survey
ng/g	nanograms per gram
NICU	Neonatal Intensive Care Unit
NNNS	NICU Network Neurobehavioral Scales
PM10	Particulate Matter (10 μm)
PTMI	Provisional Tolerable Monthly Intake
RICHS	Rhode Island Child Health Study
ROS	Reactive Oxygen Species
SACN	Scientific Advisory Committee on Nutrition
SCE	Sister Chromatid Exchange
SCOEL	Scientific Committee on Occupational Exposure Limits
TDS	Total Diet Study
TWI	Tolerable Weekly Intake

UKHSA UK Health Security Agency

WHO World Health Organisation

Zn²⁺ Zinc ion

11-β-HSD2 11 beta hydroxysteroid dehydrogenase 2

μg microgram

μg/g microgram per gram

μg/kg microgram per kilogram

μg/L microgram per litre

μm micrometre or micron