

Metadata for: Fish Contaminant Data

This table provides essential information about the program data.

Title	Fish Contaminant Data
Alternative Title	n/a
Description	<p>Ontario's Fish Contaminant Monitoring Program has collected information on contaminant concentrations in fish from Ontario waterbodies since 1967. Monitored contaminants include but are not limited to mercury, polychlorinated biphenyls (PCB), dioxins and furans, other metals, perfluorinated compounds and others.</p> <p>This dataset contains concentrations of a variety of contaminants (eg, mercury, total PCB, organochlorine pesticides, dioxins/furans, metals) and lipid content in both small/forage and large/sport fish and limited other biota (eg, clams, moose, loon, beaver) monitored in Ontario.</p> <p>The contaminant concentrations for eating-sized (large, sport) fish in this dataset are used to calculate the fish consumption advisories available on the Open Data Catalogue and at ontario.ca/fishguide. The data for forage (small) fish and some aquatic biota (eg, clams) were collected at selected locations for the purposes of providing site-specific assessments and/or to evaluate the success of remedial measures. Contaminant concentrations in forage fish and small aquatic biota provide an assessment of more local conditions compared to large fish, as they have a smaller home range. Data for other biota (eg, moose, loon, beaver) were collected for special or partnership projects, environmental studies and risk assessments.</p> <p>Each row of the data set contains a single contaminant concentration with associated:</p> <ul style="list-style-type: none"> • Location (lake, river, creek, etc.) with latitude and longitude coordinates • Sample number • Fish species • Sample date • Fish length (cm) • Fish weight (g) • Fish sex (if known) • Fish portion analyzed (e.g., skinless boneless fillet) • Contaminant, measured concentration and unit • Laboratory analysis remarks
Status	Ongoing
Frequency of Updates	As Required
Contact	<p>ame: Satyendra Bhavsar Voice: (416) 327-5863 Email: fishguide@ontario.ca Organisation: Ontario Ministry of the Environment, Conservation and Parks Position: Research Scientist, Biomonitoring Unit Role: Point of contact</p>
Cited Responsible Parties	<p>Name: Satyendra Bhavsar Voice: (416) 327-5863 Email: fishguide@ontario.ca Organisation: Ontario Ministry of the Environment, Conservation and Parks Position: Research Scientist, Biomonitoring Unit Role: Point of contact</p>
Keywords	Fish, Fish Guide, Mercury, PCB, Dioxin, Furan, Metals, PFAs

Tags	Contaminants, EMRB, Environmental Monitoring
Use Limitations	Fish contaminant data are freely available to members of the public for general information purposes. For research-related projects, we ask for a description of the study. Data source must be properly referenced in publications. We ask to be given an opportunity to review and comment on articles, publications, theses, etc. produced based on analyses of these data prior to release of these documents. We ask for copies of these documents in electronic format for our records.
Legal Constraints	See the Open Government Licence - Ontario
Geographic Bounds	West bound: 95°08'W East bound: 74°28'W South bound: 41°58'N North bound: 56°41'N
Supplemental Information	n/a
Date Stamp	28 July, 2022