

## FOR MORE INFORMATION

This advisory can also be viewed on the DNR's website at <a href="mailto:dnr.wi.gov/topic/fishing/consumption">dnr.wi.gov/topic/fishing/consumption</a>. To find out if fish from a particular water have been tested, call or write the DNR Bureau of Fisheries Management, PO Box 7921, Madison, WI 53707, (888) 936-7463 or contact your local DNR office.



#### **Wisconsin DNR**

<u>dnr.wi.gov</u>

Wisconsin Division of Public Health (608) 266-1120 or <a href="mailto:dhs.wi.gov/water/fish.htm">dhs.wi.gov/water/fish.htm</a>

U.S. Food and Drug Administration fda.gov/food

U.S. Environmental Protection Agency epa.gov/choose-fish-and-shellfish-wisely

#### **Acknowledgments:**

Wisconsin Department of Health Services – Division of Public Health Great Lakes Consortium for Fish Consumption Advisories Wisconsin Department of Natural Resources staff

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This publication is available in alternative format (large print, Braille, audiotape, etc.) upon request. Please call (888) 936-7463 for more information.

# **CHOOSE WISELY**

A HEALTH GUIDE FOR EATING FISH IN WISCONSIN

2020 - 2021



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This booklet will help you plan how much fish you can safely eat. This information is not intended to discourage you from eating fish, but to help you select fish that are low in contaminants.



Wisconsin waters are teeming with hungry fish. Learn how to land one on your dining table for a tasty, healthy meal, harvested from waters close to home. Visit dnr.wisconsin.gov and search "Fishing for Dinner"

Design by L. Pohlod, C. Gaber & B. Pierson

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## HIGHLIGHTS

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**UPDATED: JANUARY 2021\*** 

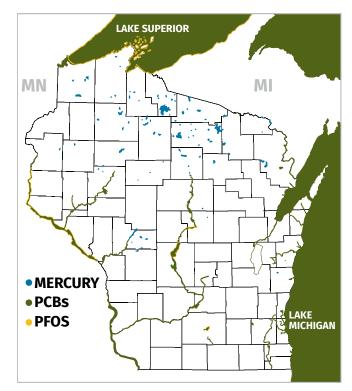
Visit <u>dnr.wi.gov/topic/Fishing/consumption</u> for up-to-date contaminant information.

#### **CHANGES FROM PREVIOUS PUBLICATIONS:**

\* New PFOS advisory for smelt in Lake Superior added January 2021

- Modifications to consumption advice for certain Lake Michigan, Lake Superior and Mississippi River fish
- Less restrictive advice for certain species from the Fox River below the De Pere dam
- New PFOS-based advice for Lake Superior, Lake Monona and Starkweather Creek (Dane County) and the Wisconsin River (Biron and Petenwell Flowages)
- Removal of PCB site-specific advice for Lake Mendota (Dane County)

#### **CURRENT CONTAMINANT ADVISORIES IN WISCONSIN**



## **HOW SHOULD I USE THIS ADVISORY?**

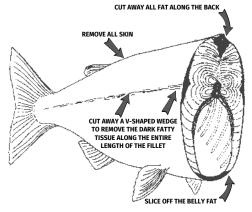
- Read the <u>statewide safe-eating guidelines on page 5</u>.
   These guidelines apply to fish from most of Wisconsin's inland (non-Great Lakes) waters.
- 2) Determine if your fishing spot has additional, special advice. Exceptions to the statewide safe-eating guidelines are necessary for some species of fish from 146 areas where fish have higher concentrations of mercury or PCBs. For <u>site specific advisories</u>, <u>see page 12-46</u> for waters where
  - For <u>site specific advisories</u>, <u>see page 12–46</u> for waters where exceptions apply due to higher concentrations of mercury (shown in blue on map) or PCBs (shown in green on map) or PFOS (shown in yellow on map).
- 3) Follow the advice appropriate for the species of fish and length.

  To determine length, measure your fish from the tip of the nose to the end of the tail.
- 4) If the waterbody or fish species does not appear in the tables on pages 12-46, follow the <u>safe-eating guidelines on page 5</u>. For <u>fish</u> <u>from stores or restaurants on page 7</u>.

#### STEPS YOU CAN TAKE TO REDUCE YOUR CONTAMINANT INTAKE:

• Eat smaller, younger fish – keep trophies in the water or on the wall and off your plate!

- Space out your fish meals to allow your body to get rid of some mercury.
- To reduce PCB exposure, remove fatty parts of the fish before cooking (see diagram on the right).
- Use a cooking method that allows fat to drip away (like broiling or grilling).
- Don't use drippings to prepare sauces or gravies.



There are no known methods of preparing or cooking your fish that will reduce PFOS exposure.

#### **BENEFITS OF EATING YOUR CATCH**

Fishing is a great outdoors tradition. Eating your catch can be part of a healthy, balanced diet. Fish are generally low in unhealthy saturated fat, high in protein and contain vitamins and minerals.

Fish are also a primary food source of healthy fats – omega-3 fatty acids. Studies suggest that omega-3 fatty acids are essential for brain and nerve functions and modest consumption of fish containing omega-3s may lower the risk of heart disease in adults. Many doctors suggest eating one to two meals of fish each week can benefit your health but little additional benefit is gained by eating more than that.

However, fish may build up pollutants from the water they live in and the food they eat. Some pollutants can build up in the fish to levels that can be harmful to wildlife and humans who eat fish. You can get the health benefits from eating fish while reducing unwanted contaminants by following this advisory.

You and your family should determine the type and amount of fish you eat and compare that to the advice in this guide. After consulting the advisory, you may want to eat different species of fish, eat smaller fish, eat fish from different waters or space fish meals farther apart.

#### WHAT CONTAMINANTS ARE IN WISCONSIN'S FISH?

Two contaminants are responsible for most fish advisories in Wisconsin. They are polychlorinated biphenyls (PCBs) and mercury. These contaminants differ in where they come from, where they build up in fish tissue and how they affect human health.

Contaminants such as PCBs and mercury build up in your body over time. The risk of health problems increases with the amount of contaminated fish you eat over time. Health problems that have been linked to PCBs and mercury range from effects that are hard to detect like poor balance or problems with memory, to a slight increase in your risk of a more serious disease like diabetes or cancer.

Other contaminants of concern at a few locations in Wisconsin are dioxins and perfluorooctane sulfonate (PFOS).

MORE INFORMATION ON PCBs, MERCURY, AND PFOS CAN BE FOUND ON PAGES 9-11

## STATEWIDE SAFE-EATING GUIDELINES

Wisconsin's fish consumption advice is a recommendation on how many meals of fish you and your children may safely eat. The recommended number of meals for a given length of time (weekly, monthly or yearly) is based on the contaminant levels found in fish and may vary by location and by type and size of the fish.

Because fish from most waters contain mercury, statewide safe-eating guidelines provide the same advice for most inland waters. However, there are special exceptions to the statewide safe-eating guidelines for locations where higher levels of contaminants have been found in fish.

| WISCONSIN'S INLAND (NO  | I The second sec | WATERS                       |
|---|--|------------------------------|
| Species   | Women under 50<br>and children under<br>15   | Women over age<br>50 and men |
| Bluegill, crappies, yellow perch,<br>sunfish, bullheads, inland trout | 1 serving per<br>week  | Unrestricted                 |
|   | AND  |                              |
| Walleye, pike, bass, catfish, all other species not listed here       | 1 serving per<br>month   | 1 serving per<br>week        |
|   |  | AND                          |
| Musky   | Do not eat   | 1 serving per<br>month       |
| Black crappie Wh  | ite bass   | Bluegill                     |

Channel catfish

4 5

Muskellunge

| WHAT IS A SERVING?                                   |                  |  |  |
|--|------------------|--|--|
| Your body weight Fillet weight before cooking        |                  |  |  |
| 75 pounds  | 1/4 pound (4 oz) |  |  |
| 150 pounds ½ pound (8 oz)                            |                  |  |  |
| 225 pounds <sup>3</sup> / <sub>4</sub> pound (12 oz) |                  |  |  |

<sup>\*</sup>Doctors suggest that eating 1-2 servings per week of low-contaminant fish or shellfish can benefit your health. Little additional benefit is obtained by consuming more than that amount, and you should rarely eat more than 4 servings of fish within a week.

#### **CAN I EAT CRAYFISH AND TURTLES?**

If you plan to eat crayfish and snapping turtles from Wisconsin, follow applicable harvest rules and regulations. Clams may no longer be harvested from Wisconsin waters.

These and other animals can also accumulate contaminants, but the levels aren't necessarily the same as in fish. Snapping turtles have very defined fat deposits that can be removed during cleaning to reduce any fat-soluble contaminants that might be present, such as PCBs.

Some sites have "Do Not Eat" warnings for many species of fish. Before catching and dining on wild fare from these sites, it's best to contact a local DNR office for more information.

Follow fishing rules.

See Wisconsin's fishing regulations!

#### WHAT ABOUT FISH PARASITES AND DISEASES?

Select healthy fish and tissue for eating. Fish that appear normal are safe to eat so long as the fish is properly cooked. You shouldn't eat fish you found dead, decomposing or that appear sick. Wash your hands after handling fish, especially if they are dead or appear diseased.

Fish may have parasites, carry viruses or bacteria or have tumors or cysts. Most fish parasites are a normal part of the ecosystem and do not pose a health risk if the fish is thoroughly cooked. The only parasite in Wisconsin fish that is a concern to humans is the broadfish tapeworm that lives in the muscle of some fish. If you are pickling fish, use a canning method that includes a boiling water bath to ensure that any tapeworms are killed.

For more information about preventing the spread of fish diseases, see <a href="mailto:dnr.wi.gov/topic/fishing/fishhealth">dnr.wi.gov/topic/fishing/fishhealth</a>.

#### WHAT ABOUT FISH PURCHASED FROM A STORE OR RESTAURANT?

Most purchased fish are from oceans or are farm-raised, but some are commercially harvested from local waters. Purchased fish also may contain contaminants. The U.S. Food and Drug Administration (FDA) sets tolerance levels for contaminants and regulates the interstate sale of fish. In addition, the FDA and the U.S. Environmental Protection Agency (EPA) recommend that 8 to 12 ounces of low-mercury fish be eaten per week to obtain the health benefits of fish and shellfish. See the FDA/ EPA Consumer Advice for more information (fda.gov/food/chemicals-metals-pesticides-food) and to determine which commercial fish species are safest.

Before purchasing fish, ask where the fish was harvested. Do not regularly eat types of fish with high levels of contaminants. Check state and local agencies for information on the safety of commercially sold fish harvested from local waters. Several Wisconsin sportfish are also commercially caught and sold.

See pages <u>14-15</u> for advice for <u>Lake Michigan</u> and <u>Lake Superior</u> if you eat purchased fish harvested from these waters.

| FOLLOW THESE GUIDELINES FOR POPULAR COMMERCIAL FISH TO REDUCE YOUR EXPOSURE TO MERCURY  |  |                              |  |  |  |  |
|---|--|------------------------------|--|--|--|--|
| Purchased Species   | Women under 50<br>and children under<br>15 | Women over age<br>50 and men |  |  |  |  |
| Atlantic or Pacific salmon (not from<br>the Great Lakes), farm-raised catfish,<br>shrimp, pollock, and other purchased<br>fish low in mercury | 2 meals per week                           | Unrestricted                 |  |  |  |  |
|   | OR   |                              |  |  |  |  |
| Canned "light" tuna   | 1 meal per week                            | Unrestricted                 |  |  |  |  |
|   | AND  |                              |  |  |  |  |
| Canned "white" tuna (Albacore),<br>tuna steaks, halibut   | 1 meal per month                           | 1 meal per week              |  |  |  |  |
|   |  | AND                          |  |  |  |  |
| Shark, swordfish, king mackerel, tilefish   | DO NOT EAT                                 | 1 meal per<br>month          |  |  |  |  |

# WHERE ARE FISH TESTED FOR CONTAMINANTS?

Wisconsin's fish collection and testing program is frequently adjusted to meet changing needs. New sites are tested each year, along with some previously tested waters to determine trends in contaminant levels.

Wisconsin is rich in water resources. There are nearly 15,000 lakes and 32,000 miles of rivers located within the state, as well as <u>Lake Michigan</u> and <u>Lake Superior</u> and the Mississippi River on its borders. Since testing began, over 1,700 sites have been tested.

# Wisconsin focuses its sampling program in:

- waters with known or suspected pollution;
- lakes that may be susceptible to mercury contamination;
- popular angling waters; and
- waters where changes with time are being tracked.

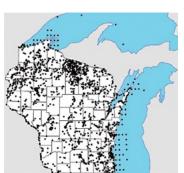
The map shows locations from which fish

were sampled at least once for contaminant analysis. You can still eat fish from waters that have not yet been tested – just follow the <u>safe-eating guidelines on page 5</u>.



Wisconsin's fish consumption advice is based on the work of public health, water quality and fisheries experts from eight Great Lakes states and the Canadian province of Ontario. Based on the best available evidence, these scientists determined how much fish is safe to eat over a lifetime based on the amount of contaminants found in the fish and how those contaminants affect human health. Health officials considered a range of possible health risks such as cancer, hormonal and immune system effects, but placed the most weight on healthy development of babies and children.

PCBs have been shown to cause cancer in animals. The risk of developing cancer as a result of eating contaminated fish is very small and varies depending on your genetic susceptibility and general health and on the amount of contaminated fish eaten over a lifetime. Using methods developed by the EPA, it is estimated that among 10,000 people who follow this advisory over their lifetime, no more than one additional cancer case should occur.



| ALL ABOUT MERCURY                                     |  |  |  |  |
|---|--|--|--|--|
| What is it?<br>Where does it<br>come from?            | Mercury occurs in the environment naturally and as a result of human activity. It is released into the air when rocks erode, volcanoes erupt and soils decompose. It is also released into the air when power plants burn coal, incinerators burn mercury-containing waste and during the production of some chemicals. Airborne mercury attaches itself to water and dust particles and enters lakes and other waters in rain, snow and runoff.   |  |  |  |
| What water<br>bodies contain<br>mercury?              | Mercury is found in all waters. Lakes and wetland areas are more likely to contain bacteria which changes the mercury into a form that is easily absorbed by fish and other organisms. Therefore, those waters tend to have fish with higher mercury concentrations.   |  |  |  |
| What types of<br>fish contain<br>the most<br>mercury? | All fish contain some mercury. Walleyes and other larger, older predatory fish often contain relatively high mercury levels compared to smaller fish such as bluegills, crappie, yellow perch or smaller fish of the same species from the same lake or river. Fish absorb mercury mostly from their food.   |  |  |  |
| Where is it found in fish?                            | Mercury accumulates throughout the fish, including the part that you eat. Therefore, <b>trimming, skinning and cooking do not reduce mercury levels in fish.</b>   |  |  |  |
| What is its<br>effect on<br>human health?             | Mercury affects the human nervous system. Mercury can damage developing brains of children and may affect a child's behavior and ability to learn. In adults, too much mercury may result in loss of coordination and affect vision, hearing and speech. Some studies have also found higher rates of heart disease in men who had elevated mercury levels.  The human body can eliminate mercury over a period of several weeks. Therefore, spacing your meals out over time will help reduce the amount of mercury in your system. |  |  |  |

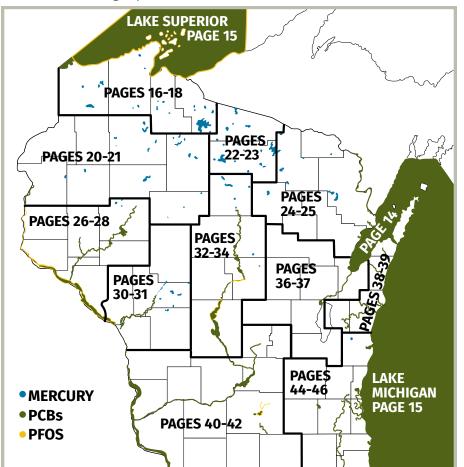
|  | ALL ABOUT PCBS  |
|--|---|
| What are<br>they?<br>Where do they<br>come from?   | Polychlorinated biphenyls (PCBs) are synthetic (man-made) substances that were used in the manufacture of electrical transformers, carbonless papers, cutting oils and hydraulic fluids. Manufacture of PCBs was banned in the U.S. in 1979. However, because PCBs are slow to break down in the environment they remain a problem.   |
| What water<br>bodies<br>contain PCBs?              | PCBs released into the environment accumulate in sediments at the bottom of lakes and streams. The Great Lakes and rivers with heavy industrial use are more likely to have PCB-contaminated fish than inland lakes. This is because industries associated with past PCB use are often located on major rivers and Great Lakes tributaries.   |
| What types of<br>fish contain<br>the most<br>PCBs? | Fish absorb PCBs from contaminated sediments suspended in the water and from their food. The amount of PCBs found in fish varies depending on species, age, size, fat content and diet. Larger and older fish will contain more contaminants than smaller younger fish. PCBs accumulate in the fat of fish. Therefore, fatty fish like carp and catfish may contain higher levels of PCBs.  |
| Where is it found in fish?                         | Fortunately, you can reduce (not eliminate) the amount of PCBs in a fish meal by properly trimming, skinning and cooking your catch on page 3. Cooking does not destroy PCBs but heat from cooking melts some of the fat in fish and allows some of the contaminated fat to drip away. Broil, grill or bake the trimmed skinned fish on a rack so the fat drips away. Do not use the drippings to prepare sauce or gravies.   |
| What is<br>its effect<br>on human<br>health?       | Studies indicate that people exposed to PCBs are at greater risk for a variety of health problems. Infants and children of women who have eaten a lot of contaminated fish may have lower birth weights and be delayed in physical development and learning. PCBs may affect reproductive function and the immune system and are also associated with cancer risk.  Once eaten, PCBs are stored in body fat for many years.  Each time you ingest PCBs the total amount of PCBs in your body increases. |

| ALL ABOUT PFOS  |  |  |  |  |
|---|--|--|--|--|
| What are they?<br>Where do they<br>come from?   | PFOS are one of many per and polyfluoroalkyl substances (PFAS).  PFAS are a group of human-made chemicals used for decades in numerous products, including non-stick cookware, fast food wrappers, stain-resistant sprays and certain types of firefighting foam. These contaminants have made their way into the environment in a variety of ways, including spills of PFAS-containing materials, discharges of PFAS-containing wastewater to treatment plants and certain types of firefighting foams. |  |  |  |
| What water<br>bodies contain<br>PFOS?   | PFOS has recently been detected in Lake Superior,<br>Starkweather Creek and Lake Monona in Dane County,<br>as well as in the Biron and Petenwell Flowages and the<br>Mississippi River.  |  |  |  |
| What types of fish contain the most PFOS?   | Panfish (white bass, bluegill and crappie) tend to have higher PFOS levels.  |  |  |  |
| Where is it found in fish?  | PFOS, in particular, builds up in fish tissue, but accumulation patterns are hard to predict.  |  |  |  |
| What is its<br>effect on<br>human health?   | PFAS can be stored in your body for years.  Health risks may increase as you eat more fish that are high in PFAS. Some of the health risks of PFOS are: developmental impairments in children, links to higher risks of cancer, harm to the immune and reproductive systems, increased cholesterol levels and altered hormone regulation and thyroid hormones.   |  |  |  |
| ₩ We are currently monitoring PFOS in fish from lakes and waterbodies across the state. |  |  |  |  |

## **SITE SPECIFIC ADVISORIES**

In this booklet, waters with exceptions to the <u>statewide safe-eating</u> quidelines on page 5 are listed by groups of counties (see county index).

BLUE waters below represent those with exceptions due to mercury, while **GREEN** waters are those where PCBs are the primary concern. YELLOW waters signify where PFOS has been detected.



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#### SITE SPECIFIC ADVISORIES FOR

#### **GREEN BAY**

#### **LAKE MICHIGAN**

#### **LAKE SUPERIOR**







#### **GREEN BAY AND ITS TRIBUTARIES**

Up to their first impassable barrier, except for the *Fox River*. See also advice for the Menominee River.

| GUIDELINES FOR EVERYONE (PCBs) |              |                             |                              |                              |            |  |
|--------------------------------|--------------|-----------------------------|------------------------------|------------------------------|------------|--|
| Species                        | Unrestricted | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |  |
| Brown trout                    |              |                             | Under 26"                    | Over 26"                     |            |  |
| Burbot                         |              | All sizes                   |                              |                              |            |  |
| Carp                           |              |                             |                              |                              | All sizes  |  |
| Channel catfish                |              |                             |                              | All sizes                    |            |  |
| Chinook salmon                 |              |                             | All sizes                    |                              |            |  |
| Lake whitefish                 |              |                             | All sizes                    |                              |            |  |
| Musky                          |              |                             |                              |                              | All sizes  |  |
| Northern pike                  |              | Under 27"                   | Over 27"                     |                              |            |  |
| Rainbow trout                  |              |                             | All sizes                    |                              |            |  |
| Sheepshead                     |              |                             | All sizes                    |                              |            |  |
| Smallmouth                     |              | Under 14"                   | Over 14"                     |                              |            |  |
| bass                           |              |                             |                              |                              |            |  |
| Sturgeon                       |              |                             |                              |                              | All sizes  |  |
| Walleye                        |              |                             | All sizes                    |                              |            |  |
| White bass                     |              |                             | All sizes                    |                              |            |  |
| White perch                    |              |                             | All sizes                    |                              |            |  |
| White sucker                   |              | All sizes                   |                              |                              |            |  |
| Yellow perch                   |              | All sizes                   |                              |                              |            |  |

For the Menominee River, see page 25. For the Fox River, see pages 37 and 41.

#### **LAKE MICHIGAN AND ITS TRIBUTARIES**

See also advice for the <u>Ahnapee</u>, <u>Kewaunee</u>, <u>Manitowoc</u>, <u>Milwaukee</u>, <u>Pike</u>, <u>Root</u>, <u>Sheboygan</u> and Twin Rivers.

| GUIDELINES FOR EVERYONE (PCBs) |              |                             |                              |                              |            |
|--------------------------------|--------------|-----------------------------|------------------------------|------------------------------|------------|
| Species                        | Unrestricted | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
| Brown trout                    |              |                             | All sizes                    |                              |            |
| Chinook salmon                 |              |                             | All sizes                    |                              |            |
| Chubs                          |              |                             | All sizes                    |                              |            |
| Coho salmon                    |              | Under 24"                   | Over 24"                     |                              |            |
| Lake trout                     |              | Under 22"                   | 22"-30"                      |                              | Over 30"   |
| Lake whitefish                 |              |                             | All sizes                    |                              |            |
| Rainbow trout                  |              | All sizes                   |                              |                              |            |
| Smelt                          |              | All sizes                   |                              |                              |            |
| Yellow perch                   |              | All sizes                   |                              |                              |            |

For the <u>Ahnapee</u>, <u>Kewaunee</u>, <u>Manitowoc</u>, <u>Milwaukee</u>, <u>Pike</u>, <u>Root</u>, <u>Sheboygan</u> and <u>Twin Rivers</u>, see pages <u>38 – 39</u> and <u>44 – 46</u>.

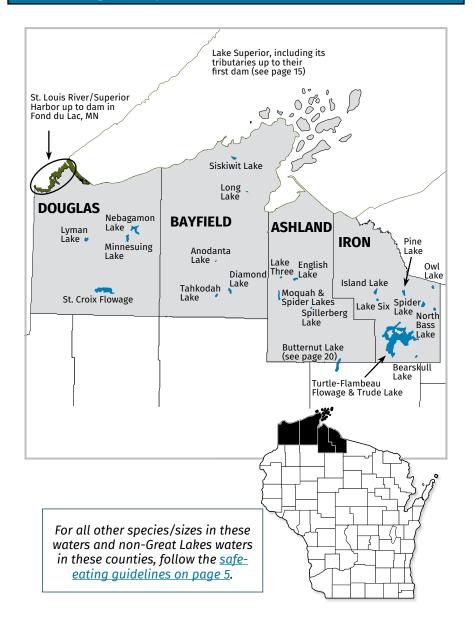
#### **LAKE SUPERIOR AND ITS TRIBUTARIES**

Up to their first impassable barrier. See also advice for <u>Superior Harbor and St. Louis River.</u>

| GUIDELINES FOR EVERYONE (PCBs and MERCURY)                    |              |                          |                           |                              |            |
|---|--------------|--------------------------|---------------------------|------------------------------|------------|
| Species   | Unrestricted | Up to 1 meal<br>per week | Up to 1 meal<br>per month | Up to 6<br>meals per<br>year | Do not eat |
| Brown trout   |              | All sizes                |                           |                              |            |
| Burbot  |              | All sizes                |                           |                              |            |
| Chinook salmon  |              | All sizes                |                           |                              |            |
| Chubs   |              | All sizes                |                           |                              |            |
| Coho salmon   | All sizes ➤  | All sizes ≫              |                           |                              |            |
| Lake herring  | All sizes 🖛  | All sizes ≫              |                           |                              |            |
| Lake sturgeon   |              |                          | Over 60"                  |                              |            |
| Lake trout  |              |                          | All sizes                 |                              |            |
| Lake whitefish  |              | All sizes                |                           |                              |            |
| Rainbow trout   | All sizes 🖛  | All sizes ≫              |                           |                              |            |
| Siscowet  |              |                          | All sizes                 |                              |            |
| Smelt   |              |                          | All sizes                 |                              |            |
| Walleye   |              | All sizes ▶              | All sizes ❤️❤             |                              |            |
| Yellow perch  | All sizes 🖛  | All sizes ≫              |                           |                              |            |
| For <u>Superior Harbor and St. Louis River, see page 18</u> . |              |                          |                           |                              |            |

Advice for women over age 50 and men
Advice for women under age 50 and children under age 15

# SITE SPECIFIC ADVISORIES FOR Douglas, Bayfield, Ashland and Iron Counties



# GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15 (MERCURY)

|  | Up to 1 meal per month  | Do not eat               |  |  |  |
|--|-------------------------|--------------------------|--|--|--|
| GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY) |                         |                          |  |  |  |
| Waterbody                                    | Up to 1 meal per week   | Up to 1 meal per month   |  |  |  |
| Anodanta Lake                                | Black crappie, Bluegill |                          |  |  |  |
| Bearskull Lake                               | Bluegill                | Walleye over 18"         |  |  |  |
| Diamond Lake                                 |                         | Walleye over 19"         |  |  |  |
| English Lake                                 |                         | Walleye over 16"         |  |  |  |
| Island Lake (T44 R1E S25)                    | Black crappie           | Walleye                  |  |  |  |
| Lake Six                                     | Yellow perch            | Northern pike over 26"   |  |  |  |
| Lake Three (T44 R4W S3)                      | Black crappie           |                          |  |  |  |
| Long Lake (T48 R5W S6)                       | Yellow perch            | Largemouth bass over 14" |  |  |  |
|  |                         | Walleye over 15"         |  |  |  |
| Lyman Lake                                   | Black crappie           | Walleye over 17"         |  |  |  |
| Minnesuing Lake                              | Black crappie           | Walleye over 20"         |  |  |  |
| Moquah & Spider Lakes                        | Bluegill                |                          |  |  |  |
| Nebagamon Lake                               |                         | Walleye over 23"         |  |  |  |
| North Bass Lake                              | Bluegill                | Largemouth bass          |  |  |  |
| Owl Lake                                     | Black crappie           | Walleye                  |  |  |  |
| Pine Lake (T44 R3E S29)                      |                         | Walleye over 21"         |  |  |  |
| Siskiwit Lake                                |                         | Walleye over 16"         |  |  |  |
| Spider Lake                                  |                         | Walleye over 15"         |  |  |  |
| Spillerberg Lake                             | Yellow perch            |                          |  |  |  |
| St. Croix Flowage                            | Black crappie           |                          |  |  |  |
| Tahkodah Lake                                | All panfish             | Walleye                  |  |  |  |
| Turtle-Flambeau Flowage<br>&<br>Trude Lake   | Black crappie           | Walleye over 24"         |  |  |  |

### SITE SPECIFIC ADVISORIES FOR Douglas, Bayfield, Ashland and Iron Counties

## **GUIDELINES FOR EVERYONE (PCBs)**

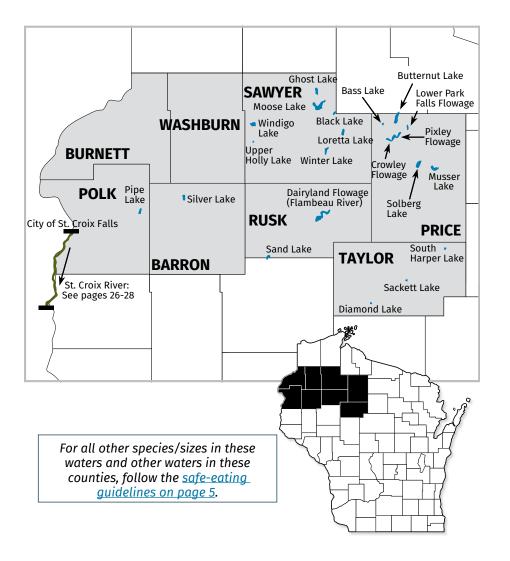
## **BASE GUIDELINES (MERCURY)**

| Species       | Unrestricted                                 | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
|---------------|--|-----------------------------|------------------------------|------------------------------|------------|
| Superior Harb | or and St. Louis                             | s River from Su             | perior Entry to              | dam at Fond d                | lu Lac, MN |
| Black crappie |  | All sizes ≫                 | All sizes                    |                              |            |
|               |  |                             | ) <b>⊕</b> > <b>⊕</b>        |                              |            |
| Carp          |  |                             | All sizes                    |                              |            |
| Freshwater    |  |                             | All sizes                    |                              |            |
| drum          |  |                             |                              |                              |            |
| Walleye       |  |                             | Over 22" >                   |                              |            |
| Yellow perch  |  | All sizes                   |                              |                              |            |
| Other species | Follow the safe-eating quidelines on page 5. |                             |                              |                              |            |



Advice for women over age 50 and men
Advice for women under age 50 and children under age 15

#### SITE SPECIFIC ADVISORIES FOR Burnett, Polk, Washburn, Barron, Sawyer, Rusk, Taylor and Price Counties



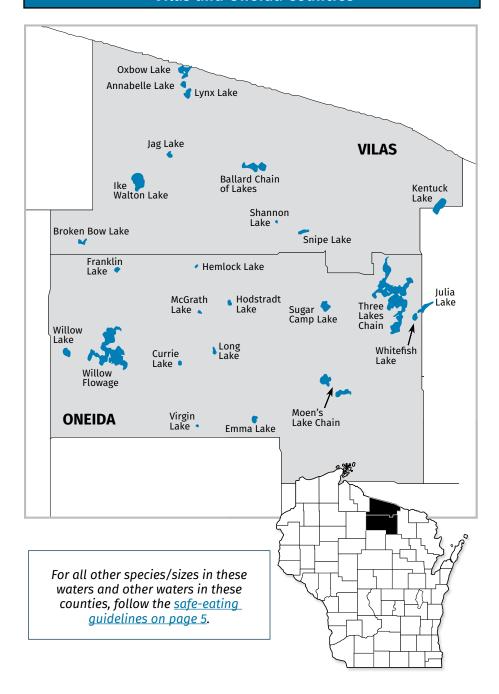
#### **GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15** (MERCURY)

Up to 1 meal per month CHINELINES FOR WORKEN OVER FO & RAFN (MAEDOLIDY)

Do not eat

| GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY) |                           |  |  |
|--|---------------------------|--|--|
| Waterbody                                    | Up to 1 meal per week     | Up to 1 meal per month                     |  |
| Bass Lake (T40 R2W S15)                      |                           | Walleye over 15"                           |  |
| Black Lake                                   | Black crappie<br>Bluegill |  |  |
| Butternut Lake<br>(T40 R1W S18)              |                           | Walleye over 16"                           |  |
| Crowley Flowage<br>(Flambeau River)          | Black crappie             | Walleye over 23"                           |  |
| Dairyland Flowage<br>(Flambeau River)        |                           | Walleye                                    |  |
| Diamond Lake                                 |                           | Walleye                                    |  |
| Ghost Lake                                   |                           | Walleye over 20"                           |  |
| Loretta Lake<br>(Upper Brunet Flowage)       | Black crappie             |  |  |
| Lower Park Falls Flowage<br>(Flambeau River) |                           | Northern pike over 22"                     |  |
| Moose Lake                                   |                           | Walleye                                    |  |
| Musser Lake                                  | Black crappie             | Walleye over 24"                           |  |
| Pipe Lake (T35 R15W S15)                     |                           | Largemouth bass                            |  |
| Pixley Flowage<br>(Flambeau River)           | Black crappie             | Walleye over 23"                           |  |
| Sackett Lake                                 |                           | Walleye over 19"                           |  |
| Sand Lake (T33 R8W S34)                      |                           | Walleye over 21"                           |  |
| Silver Lake                                  |                           | Walleye over 15"                           |  |
| Solberg Lake                                 | Black crappie             |  |  |
| South Harper Lake                            |                           | Walleye over 19"                           |  |
| Upper Holly Lake                             | Black crappie             |  |  |
| Windigo Lake                                 |                           | Walleye over 15"<br>Northern pike over 19" |  |
| Winter Lake                                  | Black crappie             |  |  |

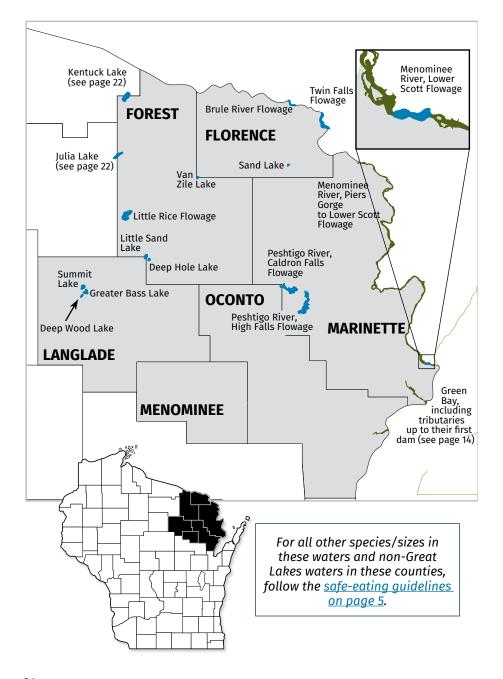
# SITE SPECIFIC ADVISORIES FOR Vilas and Oneida Counties



# GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15 (MERCURY)

| (MEHOOH)  |                                   |  |  |  |  |  |  |  |
|---|-----------------------------------|--|--|--|--|--|--|--|
|   | Up to 1 meal per month Do not eat |  |  |  |  |  |  |  |
| <b>GUIDELINES FO</b>  | R WOMEN OVER 50 & N               | IEN (MERCURY)  |  |  |  |  |  |  |
| Waterbody   | Up to 1 meal per week             | Up to 1 meal per month   |  |  |  |  |  |  |
| Annabelle Lake  |                                   | Walleye over 20"   |  |  |  |  |  |  |
| Ballard Chain (includes<br>Ballard, White Birch, and<br>Irving Lakes)   |                                   | Walleye over 17"   |  |  |  |  |  |  |
| Broken Bow Lake   |                                   | Largemouth bass over 15"   |  |  |  |  |  |  |
| Currie Lake   |                                   | Walleye over 16"   |  |  |  |  |  |  |
| Emma Lake   |                                   | Walleye over 20"   |  |  |  |  |  |  |
| Franklin Lake   |                                   | Walleye over 21"   |  |  |  |  |  |  |
| Hemlock Lake  | All panfish                       | Walleye over 17"   |  |  |  |  |  |  |
| Hodstradt Lake  |                                   | Walleye over 19"   |  |  |  |  |  |  |
| Ike Walton Lake   |                                   | Walleye  |  |  |  |  |  |  |
| Jag Lake  |                                   | Walleye over 20"   |  |  |  |  |  |  |
| Julia Lake (T38 R12E S6)  |                                   | Walleye over 15"   |  |  |  |  |  |  |
| Kentuck Lake  | Black crappie                     |  |  |  |  |  |  |  |
| Long Lake (T37 R7E S10)   |                                   | Walleye over 18"   |  |  |  |  |  |  |
| Lynx Lake (T43 R7E S18)   |                                   | Walleye over 18"   |  |  |  |  |  |  |
| McGrath Lake  | Bluegill<br>Yellow perch          | Largemouth bass over 18"   |  |  |  |  |  |  |
| Moen's Lake Chain<br>(includes Moen's, Second,<br>Third, Fourth, & Fifth<br>Lakes)                                  |                                   | Walleye over 19"   |  |  |  |  |  |  |
| Oxbow Lake  |                                   | Walleye over 21"   |  |  |  |  |  |  |
| Shannon Lake  |                                   | Largemouth bass over 16"   |  |  |  |  |  |  |
| Snipe Lake  | Yellow perch                      | Walleye over 19"   |  |  |  |  |  |  |
| Sugar Camp Lake   |                                   | Northern pike over 28"<br>Smallmouth bass over 17"<br>Walleye over 18" |  |  |  |  |  |  |
| Three Lakes Chain<br>(includes Big, Big Fork,<br>Big Stone, Dog, Fourmile,<br>Island, and Planting<br>Ground Lakes) | Yellow perch                      | Walleye over 26"   |  |  |  |  |  |  |
| Virgin Lake   |                                   | Walleye over 22"   |  |  |  |  |  |  |
| Whitefish Lake  | Yellow perch                      |  |  |  |  |  |  |  |
| Willow Flowage  |                                   | Walleye over 17"   |  |  |  |  |  |  |
| Willow Lake (T37 R4E S9)  |                                   | Walleye over 20"   |  |  |  |  |  |  |

#### SITE SPECIFIC ADVISORIES FOR Langlade, Forest, Florence, Marinette, Oconto and **Menominee Counties**



#### **GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15** (MERCURY)

Up to 1 meal per month

Do not eat

| GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY) |                       |                        |  |  |
|--|-----------------------|------------------------|--|--|
| Waterbody                                    | Up to 1 meal per week | Up to 1 meal per month |  |  |
| Brule River Flowage                          | Black crappie         | Walleye over 24"       |  |  |
| Caldron Falls Flowage                        | Black crappie         | Walleye over 17"       |  |  |
| (Peshtigo River)                             | Yellow perch          |                        |  |  |
| Deep Hole Lake                               |                       | Walleye over 18"       |  |  |
| Deep Wood Lake<br>(T33 R10E S14)             | Bluegill              | Northern pike over 26" |  |  |
| Greater Bass Lake                            |                       | Largemouth bass        |  |  |
|  |                       | Northern pike over 22" |  |  |
| High Falls Flowage<br>(Peshtigo River)       | Black crappie         | Walleye over 17"       |  |  |
| Little Rice Flowage                          | Black crappie         |                        |  |  |
| Little Sand Lake                             | Bluegill              | Northern pike over 25" |  |  |
| Lower Scott Flowage<br>(Menominee River)     | All panfish           | Walleye over 16"       |  |  |
| Sand Lake (T38 R18E S21)                     |                       | Walleye over 18"       |  |  |
| Summit Lake                                  | Black crappie         | Largemouth bass        |  |  |
| Twin Falls Flowage<br>(Menominee River)      |                       | Northern pike over 21" |  |  |
| Van Zile Lake                                |                       | Largemouth bass        |  |  |
|  |                       | Northern pike over 24" |  |  |

#### **GUIDELINES FOR EVERYONE (PCBs)**

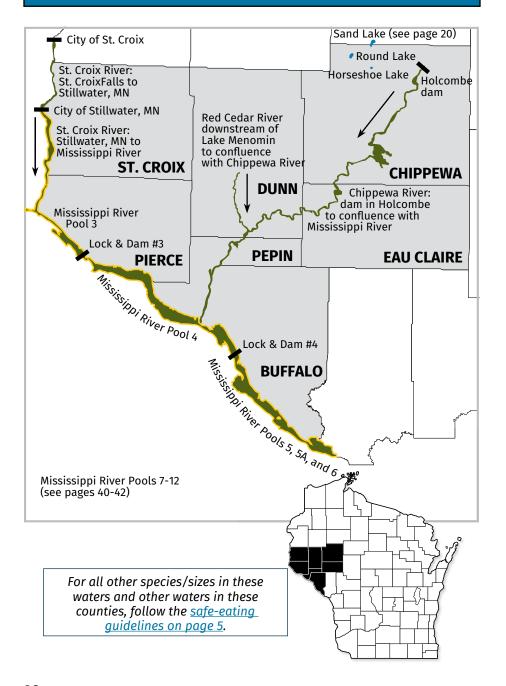
#### **BASE GUIDELINES (MERCURY)**

| Species  | Unrestricted | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat              |
|--|--------------|-----------------------------|------------------------------|------------------------------|-------------------------|
| Menominee River: Piers Gorge to Lower Scott Flowage        |              |                             |                              |                              |                         |
| Carp   |              |                             | All sizes                    |                              |                         |
| Lake sturgeon  |              |                             |                              |                              | All sizes               |
| Walleye  |              |                             | Over 20" 💝                   |                              | Over 20"                |
|  |              |                             |                              |                              | <b>&gt;⊕</b> > <b>⊕</b> |
| Other species Follow the safe-eating guidelines on page 5. |              |                             |                              |                              |                         |

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

#### SITE SPECIFIC ADVISORIES FOR St. Croix, Pierce, Dunn, Pepin, Buffalo, Chippewa and **Eau Claire Counties**



#### **GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15** (MERCURY)

Black crappie

CHINELINES END EVERYONE (DCR.)

Up to 1 meal per month Do not eat **GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY)** Waterbody Up to 1 meal per week Up to 1 meal per month Horseshoe Lake (T32 R8W Walleve over 20"

Walleve over 18"

| GOINETINES LAN EAEULANE (LARS) |                                |                             |                              |                              |             |  |
|--------------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-------------|--|
|                                | GUIDELINES FOR EVERYONE (PFOS) |                             |                              |                              |             |  |
| Species                        | Unrestricted                   | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat  |  |
| Chippewa Rive                  | r downstream                   | of Holcombe D               | am to confluen               | ce with Missis               | sippi River |  |
| Carp                           |                                |                             | All sizes                    |                              |             |  |
| Sturgeon                       |                                |                             | All sizes                    |                              |             |  |
| Other species                  | Follow the <u>sc</u>           | <u>afe-eating gui</u>       | <u>idelines on pa</u>        | <u>ge 5</u> .                |             |  |
|                                |                                | Mississippi Riv             | ver Pool 3                   |                              |             |  |
| Bluegill                       |                                | All sizes                   |                              |                              |             |  |
| Buffalo                        |                                |                             | All sizes                    |                              |             |  |
| Channel catfish                |                                |                             | All sizes                    |                              |             |  |
| Crappie                        |                                | All sizes                   |                              |                              |             |  |
| Other species                  | Follow the so                  |                             | <u>idelines on pa</u>        | <u>ge 5</u> .                |             |  |
|                                |                                | Mississippi Riv             | ver Pool 4                   |                              |             |  |
| Bluegill                       |                                | All sizes                   |                              |                              |             |  |
| Buffalo                        |                                |                             | All sizes                    |                              |             |  |
| Channel catfish                |                                |                             | All sizes                    |                              |             |  |
| Crappie                        |                                | All sizes                   |                              |                              |             |  |
| Flathead catfish               |                                |                             | All sizes                    |                              |             |  |
| White bass                     |                                |                             | All sizes                    |                              |             |  |
| Other species                  | Follow the <u>sc</u>           | <u>afe-eating gui</u>       | <u>idelines on pa</u>        | <u>ge 5</u> .                |             |  |
|                                | Missi                          | ssippi River Po             | ols 5, 5A and 6              | j                            |             |  |
| Bluegill                       |                                | All sizes                   |                              |                              |             |  |

All sizes

Follow the <u>safe-eating quidelines</u> on page 5.

All sizes

All sizes

26 27

Crappie

White bass

Other species

Flathead catfish

S33)

Round Lake (T32 R9W S14)

# SITE SPECIFIC ADVISORIES FOR St. Croix, Pierce, Dunn, Pepin, Buffalo, Chippewa and Eau Claire Counties

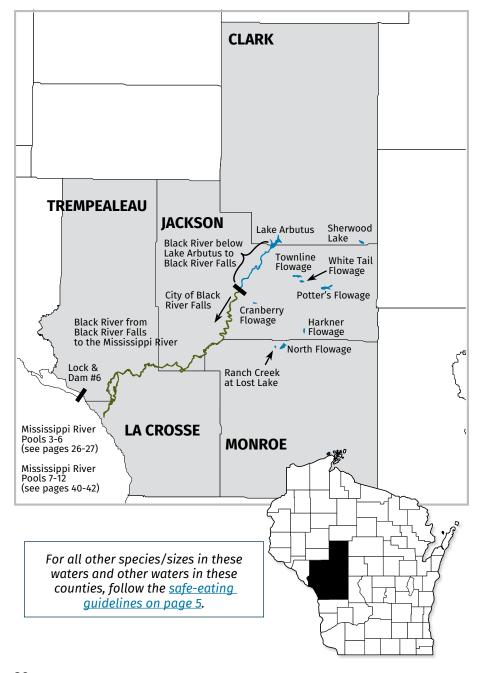
## **GUIDELINES FOR EVERYONE (PCBs)**

#### **GUIDELINES FOR EVERYONE (PFOS)**

|   | UUIDELI              | NEO I OII EE                | FILLOWE (I                   | 007                          |            |
|---|----------------------|-----------------------------|------------------------------|------------------------------|------------|
| Species   | Unrestricted         | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
| Red Cedar River – downstream of Lake Menomin to confluence with<br>Chippewa River |                      |                             |                              |                              |            |
| Channel catfish   |                      |                             | All sizes                    |                              |            |
| Other species   | Follow the so        | ıfe-eating gu               | idelines on pa               | ge <u>5</u> .                |            |
| St. Croix River below St. Croix Falls in Polk County to Stillwater, MN            |                      |                             |                              |                              |            |
| Buffalo   |                      |                             | All sizes                    |                              |            |
| White bass  |                      |                             | All sizes                    |                              |            |
| Other species   | Follow the <u>so</u> | <u>nfe-eating gui</u>       | idelines on pa               | <u>ge 5</u> .                |            |
| St. Croix River from Stillwater, MN to the Mississippi River                      |                      |                             |                              |                              |            |
| Buffalo   |                      |                             | Over 22"                     |                              |            |
| Channel catfish   |                      |                             | All sizes                    |                              |            |
| Other species Follow the <u>safe-eating guidelines on page 5</u> .                |                      |                             |                              |                              |            |



#### SITE SPECIFIC ADVISORIES FOR Clark, Trempealeau, Jackson, La Crosse and Monroe Counties



# GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15 (MERCURY)

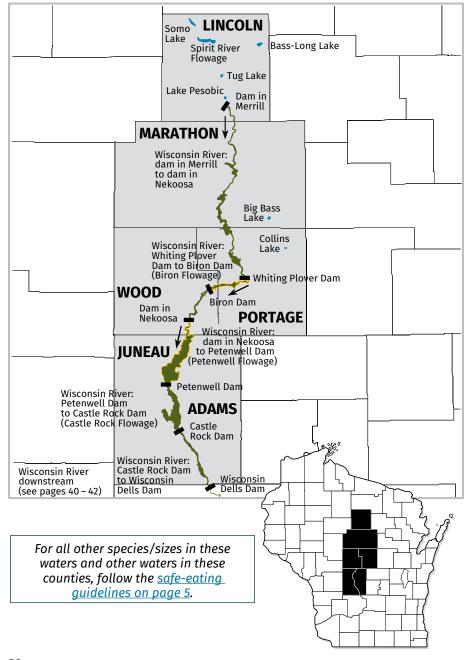
|   | Up to 1 meal per month                       | Do not eat                                   |  |  |  |
|---|--|--|--|--|--|
| GUIDELINES FO   | GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY) |  |  |  |  |
| Waterbody   | Up to 1 meal per week                        | Up to 1 meal per month                       |  |  |  |
| Black River: below Lake<br>Arbutus to Black River Falls | Black crappie                                |  |  |  |  |
| Cranberry Flowage, Upper                                | Black crappie<br>Bluegill                    | Largemouth bass over 19"                     |  |  |  |
| Harkner Flowage   | Black crappie<br>Yellow perch                |  |  |  |  |
| Lake Arbutus (Black River)                              | Black crappie                                | Channel catfish over 25"                     |  |  |  |
|   | Bluegill                                     | Smallmouth bass over 17"<br>Walleye over 22" |  |  |  |
| Lost Lake (Ranch Creek)                                 | Black crappie<br>Bluegill                    | Largemouth bass over 21"                     |  |  |  |
| North Flowage   | Black crappie                                | Largemouth bass over 15"                     |  |  |  |
| Potter's Flowage  | Black crappie<br>Yellow perch                | Largemouth bass over 18"                     |  |  |  |
| Sherwood Lake   | Black crappie                                | Largemouth bass over 16"                     |  |  |  |
| Townline Flowage  | Black crappie                                |  |  |  |  |
|   | Yellow perch                                 |  |  |  |  |
| White Tail Flowage                                      | Yellow perch                                 | Northern pike over 22"                       |  |  |  |

#### **GUIDELINES FOR EVERYONE (PCBs)**

#### **BASE GUIDELINES (MERCURY)**

| Species  | Unrestricted   | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
|--|--|-----------------------------|------------------------------|------------------------------|------------|
| Black River from Black River Falls downstream to Mississippi River |  |                             |                              |                              |            |
| Black crappie  |  |                             | All sizes                    |                              |            |
| Channel catfish  |  |                             | Over 25"                     |                              |            |
| Other species  | Follow the <u>safe-eating guidelines on page 5</u> . |                             |                              |                              |            |

# SITE SPECIFIC ADVISORIES FOR Lincoln, Marathon, Wood, Portage, Juneau and Adams Counties



# GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15 (MERCURY)

|                                 | Up to 1 meal per month |  |
|---------------------------------|------------------------|--|
| GUIDELINES FO                   | R WOMEN OVER 50 & M    | IEN (MERCURY)                                |
| Waterbody                       | Up to 1 meal per week  | Up to 1 meal per month                       |
| Bass-Long Lake<br>(T34 R8E S16) |                        | Largemouth bass                              |
| Big Bass Lake                   |                        | Largemouth bass over 18"<br>Walleye over 18" |
| Collins Lake                    |                        | Walleye over 20"                             |
| Lake Pesobic                    | Black crappie          |  |
| Somo Lake                       | Bluegill               | Walleye over 22"                             |
| Spirit River Flowage            | Black crappie          |  |
|                                 | Bluegill               |  |
| Tug Lake                        | Bluegill               | Northern pike over 19"                       |

CHINELINES FOR EVERYONE (DCRe)

|                 | GUINEFINES LAW ENEULANE (LPD2) |                             |                              |                              |            |
|-----------------|--------------------------------|-----------------------------|------------------------------|------------------------------|------------|
|                 | GUIDELI                        | NES FOR EV                  | ERYONE (P                    | FOS)                         |            |
| Species         | Unrestricted                   | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
| Wiscon          | sin River from                 | dam at Merrill              | downstream to                | dam at Nekoo                 | sa         |
| Carp            |                                |                             | All sizes                    |                              |            |
| Redhorse        |                                |                             | All sizes                    |                              |            |
| Other species   | Follow the so                  | <u>afe-eating gu</u>        | <u>idelines on po</u>        | <u>ige 5</u> .               |            |
| Wisconsin       | River from Whi                 | iting Plover Da             | m to the Biron               | Dam (Biron Flo               | wage)      |
| Carp            |                                |                             | All sizes                    |                              |            |
| Redhorse        |                                |                             | All sizes                    |                              |            |
| White bass      |                                |                             | All sizes                    |                              |            |
| Other species   | Follow the so                  | afe-eating gu               | idelines on pa               | <u>ige 5</u> .               |            |
| Wisconsin I     | River from dam                 | at Nekoosa to               | Petenwell Dan                | n (Petenwell Fl              | owage)     |
| Bluegill        |                                | All sizes                   |                              |                              |            |
| Carp            |                                |                             |                              |                              | All sizes  |
|                 |                                |                             |                              |                              | (dioxin)   |
| Channel catfish |                                |                             | Under 20"                    |                              | Over 20"   |
|                 |                                |                             |                              |                              | (dioxin)   |
| White bass      |                                |                             | All sizes                    |                              |            |
| Other species   | Follow the so                  | <u>afe-eating gu</u>        | <u>idelines on po</u>        | <u>ige 5</u> .               |            |

# SITE SPECIFIC ADVISORIES FOR Lincoln, Marathon, Wood, Portage, Juneau and Adams Counties

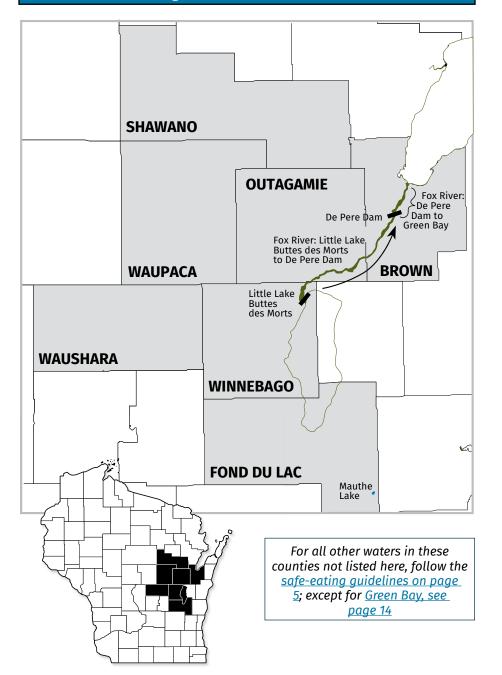
## **GUIDELINES FOR EVERYONE (PCBs)**

## **GUIDELINES FOR EVERYONE (PFOS)**

| Species   | Unrestricted  | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
|---|---|-----------------------------|------------------------------|------------------------------|------------|
| Wisconsin River from Petenwell Dam to Castle Rock Dam (Castle Rock Flowage) |   |                             |                              |                              | lowage)    |
| Carp  |   |                             | All sizes                    |                              |            |
| Other species   | Follow the safe-eating guidelines on page 5.                    |                             |                              |                              |            |
| Wisc  | onsin River fro   | m Castle Rock               | Dam to Wiscon                | nsin Dells Dam               |            |
| Carp  |   |                             | All sizes                    |                              |            |
| Channel catfish   |   |                             | All sizes                    |                              |            |
| Other species   | er species Follow the <u>safe-eating guidelines on page 5</u> . |                             |                              |                              |            |



# SITE SPECIFIC ADVISORIES FOR Shawano, Waupaca, Waushara, Brown, Outagamie, Winnebago and Fond du Lac Counties



# GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15 (MERCURY)

Up to 1 meal per month Do not eat

#### **GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY)**

| Waterbody     | Up to 1 meal per week                                | Up to 1 meal per month |  |
|---------------|--|------------------------|--|
| Mauthe Lake   | Yellow perch   |                        |  |
| Other species | Follow the <u>safe-eating guidelines on page 5</u> . |                        |  |

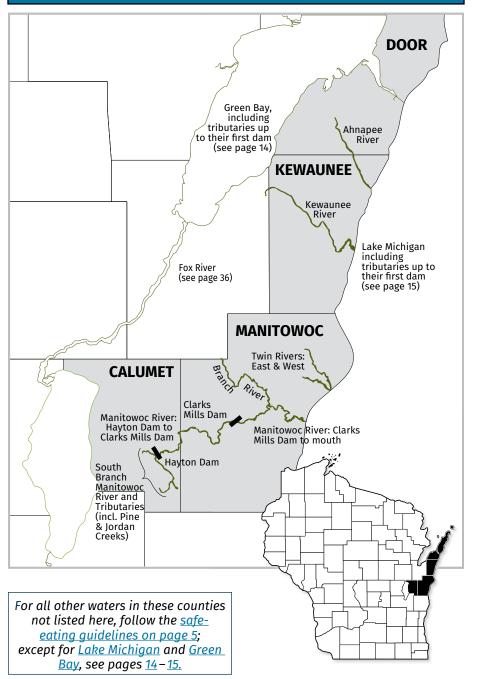
### **GUIDELINES FOR EVERYONE (PCBs)**

| Species   | Unrestricted | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
|---|--------------|-----------------------------|------------------------------|------------------------------|------------|
| Fox River from Little Lake Butte des Mortes downstream to De Pere Dam |              |                             |                              |                              |            |
| Carp  |              |                             |                              | Under 28"                    | Over 28"   |
| Channel catfish   |              |                             | All sizes                    |                              |            |
| Walleye   |              |                             | All sizes                    |                              |            |
| White bass  |              |                             | All sizes                    |                              |            |
| White perch   |              |                             | All sizes                    |                              |            |
| Yellow perch  |              |                             | All sizes                    |                              |            |
| Other species Follow the safe-eating guidelines on page 5.            |              |                             |                              |                              |            |
|   |              |                             |                              |                              |            |

#### Fox River from De Pere Dam downstream to the mouth of the Fox where it enters Green Bay

| Bigmouth        |           |           |           | All sizes |
|-----------------|-----------|-----------|-----------|-----------|
| buffalo         |           |           |           |           |
| Black crappie   |           | All sizes |           |           |
| Bluegill        |           | All sizes |           |           |
| Carp            |           |           |           | All sizes |
| Channel catfish |           |           |           | All sizes |
| Lake whitefish  |           | All sizes |           |           |
| Musky           |           |           |           | All sizes |
| Northern pike   |           | Under 33" | Over 33"  |           |
| Rock bass       | All sizes |           |           |           |
| Sheepshead      |           | Under 19" | 19"-23"   | Over 23"  |
| Smallmouth      |           | All sizes |           |           |
| bass            |           |           |           |           |
| Walleye         |           | Under 21" | Over 21"  |           |
| White bass      |           |           | All sizes |           |
| White perch     |           |           | All sizes |           |
| White sucker    |           | All sizes |           |           |
| Yellow perch    |           | All sizes |           |           |

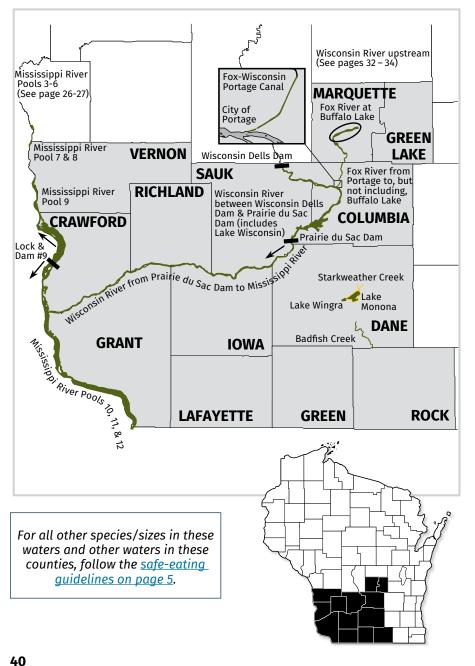
# SITE SPECIFIC ADVISORIES FOR Door, Kewaunee, Manitowoc and Calumet Counties



|                 |                            | NES FOR EV                         |                                   |                              |              |
|-----------------|----------------------------|------------------------------------|-----------------------------------|------------------------------|--------------|
| Species         | Unrestricted               | Up to 1<br>meal per<br>week        | Up to 1<br>meal per<br>month      | Up to 6<br>meals per<br>year | Do not ea    |
|                 |                            | Ahnapee                            | ,                                 | year                         | l            |
| Carp            |                            | •                                  | All sizes                         |                              |              |
| Trout & salmon  | Follow the <u>Lo</u>       | ake Michigan                       | guidelines, s                     | ee page 15.                  |              |
| Other species   |                            |                                    | idelines on p                     |                              |              |
|                 | Bran                       | ch River in Ma                     | nitowoc Count                     | у                            |              |
| Trout & salmon  | Follow the <u>Lo</u>       | ake Michigan                       | guidelines, s                     | ee page 15.                  |              |
| Other species   | Follow the so              | afe-eating gu                      | idelines on p                     | age <u>5</u> .               |              |
|                 |                            | Kewaune                            | River                             |                              |              |
| Carp            |                            |                                    |                                   | All sizes                    |              |
| Channel catfish |                            |                                    | Under 13"                         | Over 13"                     |              |
| Trout & salmon  | Follow the Lo              | ake Michigan                       | guidelines, s                     | ee page 15.                  | ·            |
| Other species   |                            |                                    | <u>idelines on p</u>              |                              |              |
| Manitowoc River | (South Branch<br>Millpond, | ) and its tribut<br>including Pind | taries from Chi<br>e and Jordan C | lton downstre<br>reeks       | am to Hayton |
| ALL SPECIES     |                            |                                    |                                   |                              | ALL SIZES    |
| Ma              | nitowoc River              | from Hayton N                      | Nillpond to Cla                   | rks Mills Dam                |              |
| Black crappie   |                            | All sizes                          |                                   |                              |              |
| Bullhead        |                            | All sizes                          |                                   |                              |              |
| Carp            |                            |                                    |                                   |                              | All sizes    |
| Northern pike   |                            |                                    |                                   |                              | All sizes    |
| Redhorse        |                            |                                    |                                   | All sizes                    |              |
| Rock bass       |                            |                                    |                                   |                              | All sizes    |
| White sucker    |                            |                                    | All sizes                         |                              |              |
| Manitowoc R     | iver from Clark            | cs Mills Dam de                    | ownstream to                      | mouth at Lake                | Michigan     |
| Carp            |                            |                                    | All sizes                         |                              |              |
| Channel catfish |                            |                                    |                                   | Under 20"                    | Over 20"     |
| Smallmouth      |                            |                                    | All sizes                         |                              |              |
| bass            |                            |                                    |                                   |                              |              |
| Northern pike   |                            |                                    | All sizes                         |                              |              |
| Trout & salmon  | Follow the <u>sc</u>       |                                    |                                   |                              |              |
|                 | ivers (East and            |                                    | eir mouth up t                    | o their first da             | ms           |
| Black crappie   |                            | All sizes                          |                                   |                              |              |
| Bullhead        |                            | All sizes                          |                                   |                              |              |
| Carp            |                            |                                    | All sizes                         |                              |              |
| Channel catfish |                            |                                    | Under 15"                         | 15-23"                       | Over 23"     |
| Northern pike   |                            |                                    | Over 27"                          |                              |              |
| Trout & salmon  | Follow the Lo              | ake Michigan                       | auidelines, s                     | ee paae 15.                  |              |

#### SITE SPECIFIC ADVISORIES FOR

Marquette, Green Lake, Vernon, Crawford, Richland, Sauk, Columbia, Grant, Iowa, Lafayette, Green, Dane and Rock Counties



#### **GUIDELINES FOR EVERYONE (PCBs)**

#### **GUIDELINES FOR EVERYONE (PFOS)**

|                    | UUIVELI        | NE9 LAN EA                  | ENTUNE (P                    | LN9)                         |            |
|--------------------|----------------|-----------------------------|------------------------------|------------------------------|------------|
| Species            | Unrestricted   | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat |
| Badfish Cree       | k and Oregon B | Branch downst               | ream of Schnei               | der Road; Dane               | County     |
| Carp               |                |                             | All sizes                    |                              |            |
| Other species      |                |                             | <u>idelines on po</u>        |                              |            |
| Fox Rive           | r from Portage | downstream t                | o, but not inclu             | iding, Buffalo L             | ake        |
| Black crappie      |                | All sizes                   |                              |                              |            |
| Bluegill           |                | All sizes                   |                              |                              |            |
| Bullhead           |                |                             | All sizes                    |                              |            |
| Carp               |                |                             |                              | All sizes                    |            |
| Smallmouth bass    |                |                             | All sizes                    |                              |            |
| White sucker       |                |                             | All sizes                    |                              |            |
| Other species      | Follow the so  | afe-eating gu               | idelines on pa               | <u>ige 5.</u>                |            |
|                    |                | Fox River at Bu             | ffalo Lake                   |                              |            |
| Carp               |                |                             |                              | All sizes                    |            |
| Panfish            |                | All sizes                   |                              |                              |            |
| Other species      | Follow the so  | afe-eating gu               | idelines on pa               | <u>ige 5</u> .               |            |
|                    |                | Lake Moi                    | nona                         |                              |            |
| Bluegill           |                | All sizes                   |                              |                              |            |
| Carp               |                |                             | All sizes                    |                              |            |
| Largemouth<br>bass |                | All sizes                   |                              |                              |            |
| Northern pike      |                | All sizes                   |                              |                              |            |
| Walleye            |                | All sizes                   |                              |                              |            |
| Yellow perch       |                | All sizes                   |                              |                              |            |
| Other species      | Follow the so  | afe-eating gu               | idelines on pa               | <u>ige 5</u> .               |            |
|                    |                | Lake Wii                    | ngra                         |                              |            |
| Carp               |                |                             | All sizes                    |                              |            |
| Other species      | Follow the so  | afe-eating gu               | idelines on pa               | <u>1ge 5.</u>                |            |
|                    | Mi             | ssissippi River             | Pool 7 and 8                 |                              |            |
| Buffalo            |                |                             | All sizes                    |                              |            |
| Flathead catfish   |                |                             | All sizes                    |                              |            |
| Other species      | Follow the so  | afe-eating gu               | idelines on pa               | <u>ige 5</u> .               |            |
|                    |                | Mississippi Riv             |                              |                              |            |
| Buffalo            |                |                             | All sizes                    |                              |            |
| Carp               |                |                             | All sizes                    |                              |            |
| White bass         |                |                             | All sizes                    |                              |            |
| Other species      | Follow the so  | afe-eating gu               | idelines on po               | ige 5.                       |            |
|                    |                |                             |                              |                              |            |

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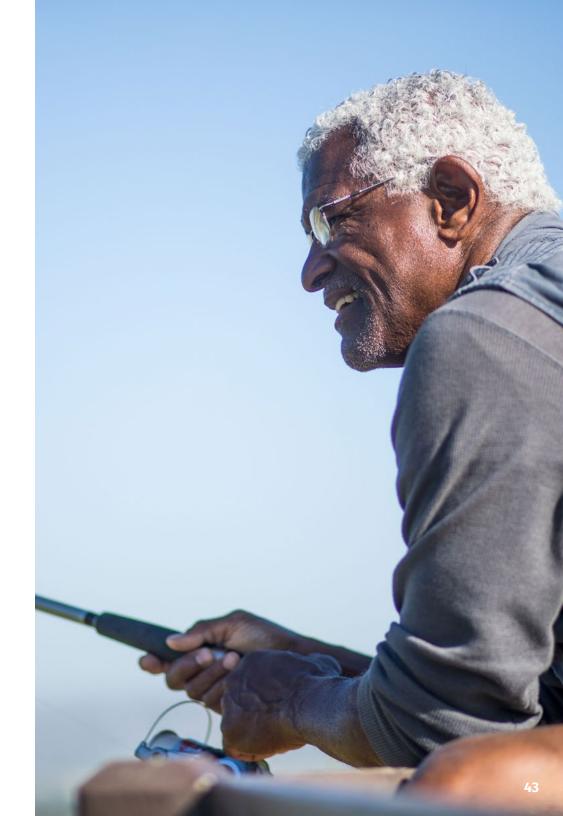
## SITE SPECIFIC ADVISORIES FOR

Marquette, Green Lake, Vernon, Crawford, Richland, Sauk, Columbia, Grant, Iowa, Lafayette, Green, Dane and Rock Counties

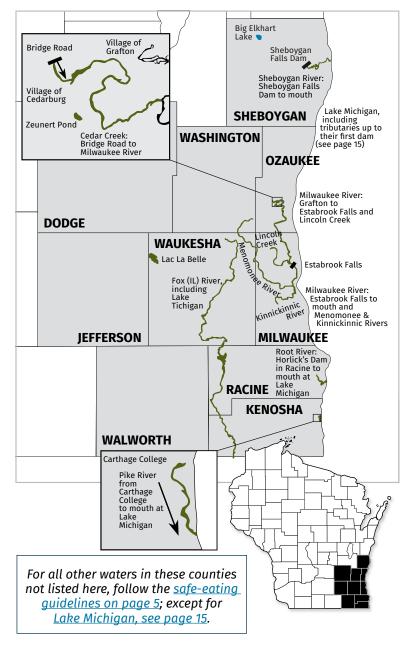
## **GUIDELINES FOR EVERYONE (PCBs)**

### **GUIDELINES FOR EVERYONE (PFOS)**

| Species  | Unrestricted         | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not eat   |
|--|----------------------|-----------------------------|------------------------------|------------------------------|--------------|
|  | Missis               | sippi River Po              | ols 10, 11 and 1             | 2                            |              |
| Carp   |                      |                             | Over 25"                     |                              |              |
| Other species  | Follow the <u>so</u> | <u>afe-eating gui</u>       | <u>idelines on pa</u>        | <u>ıge 5</u> .               |              |
|  |                      | Portage (                   | Canal                        |                              |              |
| Carp   |                      |                             | All sizes                    |                              |              |
| Other species  | Follow the <u>so</u> | <u>afe-eating gui</u>       | <u>idelines on pa</u>        | <u>ıge 5</u> .               |              |
| Starkweather Creek   |                      |                             |                              |                              |              |
| Bluegill   |                      | All sizes                   |                              |                              |              |
| Largemouth   |                      |                             | All sizes                    |                              |              |
| bass   |                      |                             |                              |                              |              |
| Northern pike  |                      |                             | All sizes                    |                              |              |
| Walleye  |                      |                             | All sizes                    |                              |              |
| Yellow perch   |                      |                             | All sizes                    |                              |              |
| Other species  | Follow the <u>sc</u> | <u>afe-eating gui</u>       | <u>idelines on pa</u>        | <u>ige 5</u> .               |              |
| Wisconsin River 1  | from Wisconsin       | Dells Dam dov<br>Lake Wisco |                              | airie du Sac Da              | m (including |
| Carp   |                      |                             | All sizes                    |                              |              |
| Lake sturgeon  |                      |                             | Under 70"                    | Over 70"                     |              |
| Other species  | Follow the <u>so</u> | <u>afe-eating gui</u>       | <u>idelines on pa</u>        | <u>ıge 5</u> .               |              |
| Wisconsin River from Prairie du Sac Dam downstream to the confluence with the<br>Mississippi River |                      |                             |                              |                              |              |
| Carp   |                      |                             | Over 20"                     |                              |              |
| Lake sturgeon  |                      |                             | Under 70"                    | Over 70"                     |              |
| Other species Follow the <u>safe-eating guidelines on page 5</u> .                                 |                      |                             |                              |                              |              |



# SITE SPECIFIC ADVISORIES FOR Dodge, Jefferson, Walworth, Sheboygan, Ozaukee, Washington, Waukesha, Milwaukee, Racine and Kenosha Counties



# GUIDELINES FOR WOMEN UNDER 50 & CHILDREN UNDER 15 (MERCURY)

Up to 1 meal per month Do not eat

#### **GUIDELINES FOR WOMEN OVER 50 & MEN (MERCURY)**

Waterbody Up to 1 meal per week Up to 1 meal per month

Big Elkhart Lake Walleye over 19"

Other species Follow the safe-eating quidelines on page 5.

| GUIDELINES FOR EVERYONE (PCBs)  |                 |                              |                              |                              |               |
|---------------------------------|-----------------|------------------------------|------------------------------|------------------------------|---------------|
| Species                         | Unrestricted    | Up to 1<br>meal per<br>week  | Up to 1<br>meal per<br>month | Up to 6<br>meals per<br>year | Do not ea     |
| Cedar Creek fro                 | m Bridge Road   | in Cedarburg d<br>Zeunert F  |                              | Milwaukee Riv                | er (includes  |
| ALL SPECIES                     |                 |                              |                              |                              | ALL SIZES     |
|                                 | Fox (IL         | ) River, includi             | ng Lake Tichiga              | an                           |               |
| Carp                            |                 |                              | All sizes                    |                              |               |
| Channel catfish                 |                 |                              | All sizes                    |                              |               |
| Other species                   | Follow the So   | <u>afe-eating gu</u>         | <u>idelines on po</u>        | <u>ıge 5.</u>                |               |
|                                 |                 | Lac La B                     | elle                         |                              |               |
| Buffalo                         |                 |                              | All sizes                    |                              |               |
| Other species                   | Follow the so   | <u>afe-eating gu</u>         | <u>idelines on po</u>        | <u>ige 5.</u>                |               |
| Milwaukee Rive                  | r from the City | of Grafton do ,<br>Lincoln ( |                              | Estabrook Fal                | ls, including |
| Black crappie                   |                 | All sizes                    |                              |                              |               |
| Bluegill                        |                 | All sizes                    |                              |                              |               |
| Bullhead                        |                 |                              | All sizes                    |                              |               |
| Carp                            |                 |                              |                              |                              | All sizes     |
| Channel catfish                 |                 |                              |                              | All sizes                    |               |
| Largemouth                      |                 |                              | All sizes                    |                              |               |
| bass                            |                 |                              |                              |                              |               |
| Northern pike                   |                 |                              | All sizes                    |                              |               |
| Redhorse                        |                 |                              | All sizes                    |                              |               |
|                                 |                 |                              |                              |                              |               |
| Rock bass                       |                 | All sizes                    |                              |                              |               |
| Rock bass<br>Smallmouth<br>bass |                 | All sizes                    | All sizes                    |                              |               |
| Smallmouth                      |                 | All sizes                    | All sizes                    |                              |               |

#### SITE SPECIFIC ADVISORIES FOR

Dodge, Jefferson, Walworth, Sheboygan, Ozaukee, Washington, Waukesha, Milwaukee, Racine and Kenosha Counties

| GUIDELINES FOR EVERYONE (PCBs) |  |                             |                                   |                              |               |  |
|--------------------------------|--|-----------------------------|-----------------------------------|------------------------------|---------------|--|
| Species                        | Unrestricted   | Up to 1<br>meal per<br>week | Up to 1<br>meal per<br>month      | Up to 6<br>meals per<br>year | Do not eat    |  |
| Milwaukee River f              | rom Estabrook<br>the Men   | Falls downstromonee and K   | eam to harbor<br>(innickinnic Riv | mouth at Lake<br>ers         | Michigan and  |  |
| Black crappie                  |  |                             |                                   | All sizes                    |               |  |
| Bluegill                       |  |                             | All sizes                         |                              |               |  |
| Bullhead                       |  |                             | All sizes                         |                              |               |  |
| Carp                           |  |                             |                                   |                              | All sizes     |  |
| Channel catfish                |  |                             | All sizes                         |                              |               |  |
| Northern pike                  |  |                             | All sizes                         |                              |               |  |
| Redhorse                       |  |                             |                                   | All sizes                    |               |  |
| Rock bass                      |  |                             | All sizes                         |                              |               |  |
| Smallmouth                     |  |                             | All sizes                         |                              |               |  |
| bass                           |  |                             |                                   |                              |               |  |
| Walleye                        |  |                             | Under 22"                         | Over 22"                     |               |  |
| White sucker                   |  |                             |                                   | All sizes                    |               |  |
| Yellow perch                   |  | All sizes                   |                                   |                              |               |  |
| Trout & salmon                 | Follow the <u>Lo</u>   | ake Michigan                | guidelines, se                    | <u>ee page 15.</u>           |               |  |
| Pike River from Ca             | rthage College   | in the City of<br>Michig    |                                   | stream to the I              | mouth at Lake |  |
| Carp                           |  |                             | All sizes                         |                              |               |  |
| Largemouth bass                |  |                             | All sizes                         |                              |               |  |
| Trout & salmon                 | Follow the Lo  | ake Michigan                | guidelines, se                    | e page 15.                   |               |  |
| Other species                  |  |                             | idelines on po                    |                              |               |  |
| •                              | er from Horlicl  |                             |                                   |                              | igan          |  |
| Carp                           |  |                             |                                   |                              | All sizes     |  |
| Trout & salmon                 | Follow the Lo  | ake Michigan                | guidelines, se                    | e page 15.                   |               |  |
| Other species                  |  |                             |                                   |                              |               |  |
| Sheboygan River f              | Other species Follow the <u>safe-eating guidelines on page 5</u> .  Sheboygan River from dam in Sheboygan Falls downstream to the mouth at Lake Michigan |                             |                                   |                              |               |  |
| ALL RESIDENT                   |  |                             |                                   |                              | ALL SIZES     |  |
| SPECIES                        |  |                             |                                   |                              |               |  |
| Trout & salmon                 | Follow the Lo  | ake Michigan                | <u>guidelines, se</u>             | <u>ee page 15.</u>           |               |  |

For all other waters in these counties not listed here, follow the <u>safe-eating guidelines on page 5</u>; except for <u>Lake Michigan</u>, <u>see page 15</u>.

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