

### WHO CREATED THESE GUIDELINES?

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.

### 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**

dnr.wi.gov

Wisconsin Division of Public Health (608) 266-1120 or dhs.wi.gov/water/fish.htm

**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

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services and functions under an Affirmative Action Plan. If you have any questions, please write the Equal Opportunity Office, Department of Interior, Washington, DC 20240.

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

Design by C. Gaber

## **CHOOSE WISELY**

#### A HEALTH GUIDE FOR EATING FISH IN WISCONSIN

2024 - 2026



#### **PUBLICATION DATE: FEBRUARY 2024**

PUB - FH - 824 2024



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. Visit <a href="mailto:dnr.wi.gov/topic/Fishing/consumption">dnr.wi.gov/topic/Fishing/consumption</a> for up-to-date contaminant information.



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 <a href="https://dnr.wisconsin.gov/topic/Fishing/FishingforDinner/index.html">https://dnr.wisconsin.gov/topic/Fishing/FishingforDinner/index.html</a> to learn more about our Fishing For Dinner classes.

FOLLOW FISHING RULES.
SEE WISCONSIN'S FISHING REGULATIONS!

## **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 these advisories.

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 fish from different waters or space fish meals farther apart.

# WHAT CONTAMINANTS ARE IN WISCONSIN'S FISH?

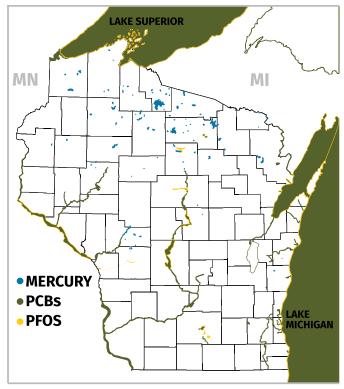
Two contaminants are responsible for most fish advisories in Wisconsin. They are polychlorinated biphenyls (PCBs) and mercury. These contaminants differ in where they come from, where they build up in fish tissue and how they affect human health.

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 8-10

# CURRENT CONTAMINANT ADVISORIES IN WISCONSIN

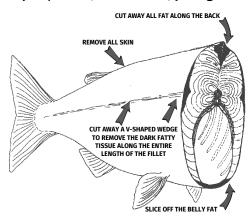


### **CHANGES FROM PREVIOUS PUBLICATIONS:**

- New PFOS-based consumption advice for bluegill, pumpkinseed, rock bass and yellow perch in the Hat Rapids Flowage
- Removing previous PFOS-based consumption advice for Black Earth Creek
- New PFOS-based consumption advice for black crappie, bluegill, brown trout, largemouth bass, northern pike, pumpkinseed and yellow perch in the La Crosse River from Angelo Pond downstream to the Neshonoc Dam, including Perch and Neshonoc lakes
- New PFOS-based consumption advice for all species in the Moen Chain of Lakes
- Modifications to consumption advice for certain species of Lake Michigan fish
- Removing mercury-based guidance for Kentuck Lake

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

- To reduce your PCB and mercury exposure, eat smaller, younger fish.
- 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.

## **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.

- 1) Determine if your fishing spot has additional, special advice. Exceptions to the statewide safe-eating guidelines are necessary for some species of fish from over 150 sites where fish have higher concentrations of mercury, PCBs or PFOS. For <u>site specific advisories</u>, <u>see page 12-54</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).
- Follow the appropriate advice and <u>fishing</u>
   <u>regulations</u> 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.
- 3) If the waterbody or fish species does not appear in the tables on pages 12-54, follow the <u>safe-eating guidelines</u> on page 5. Find fish from stores or restaurants on page 6.

## 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.

STATEWIDE SAFE-EATING Wisconsin's Inland (No		
Species	Women under 50 and children under 15	Women over age 50 and men
Bluegill, crappies, yellow perch, sunfish, rock bass, bullheads, inland trout	1 serving per week	Unrestricted
	AND	
Walleye, pike, bass, catfish, all other species not listed here	1 serving per month	1 serving per week
		AND
Musky	Do not eat	1 serving per month

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, be aware of Wisconsin's invasive species laws and 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.

### 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 <u>dnr.wi.gov/topic/fishing/fishhealth</u>.

## 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. 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. Do not regularly eat types of fish with high levels of contaminants.

See pages  $\underline{14-15}$  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 REDUCE YOUR EXPO		
Purchased Species	Women under 50 and children under 15	Women over age 50 and men
Atlantic or Pacific salmon (not from the Great Lakes), farm-raised catfish, shrimp, pollock and other purchased fish low in mercury	2 meals per week	Unrestricted
	OR	
Canned "light" tuna	1 meal per week	Unrestricted
	AND	
Canned "white" tuna (Albacore), tuna steaks, halibut	1 meal per month	1 meal per week
		AND
Shark, swordfish, king mackerel, tilefish, bigeye tuna, marlin, orange roughy	DO NOT EAT	1 meal per month

	ALL ABOUT MERCURY
What is it? Where does it 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 bodies contain 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 fish contain the most 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 effect on 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 they? Where do they 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. The manufacture of PCBs was banned in the U.S. in 1979. However, PCBs are slow to break down in the environment and they remain a problem.
What water bodies 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 because industries associated with past PCB use are often located on major rivers and Great Lakes tributaries.
What types of fish contain the most 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 (see page 4). 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 its effect on human health?	Studies show that people exposed to PCBs are at greater risk for a variety of health problems. Eating fish high in PCBs during pregnancy or while nursing may cause lower birth weights and developmental delays in infants. PCBs may affect reproductive function and the immune system and are also associated with cancer risk. The risk of developing cancer from eating contaminated fish varies depending on your genetic susceptibility, general health and on the amount of contaminated fish eaten over a lifetime. When PCBs are eaten, they are stored in body fat for many years. Each time you ingest PCBs the total amount in your body increases.

	ALL ADOUT DECC	
	ALL ABOUT PFOS	
What are they? Where do they come from?	PFOS (perfluorooctanesulfonate) are one of many per- and polyfluoroalkyl substances (PFAS) and are used to develop health consumption advice. 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 foams. 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 bodies contain PFOS?	PFOS can be found in water bodies that are located near known or probable sources of PFAS contamination.	
What types of fish contain the most PFOS?	Panfish (e.g., bluegill and crappie) and other species such as white bass and smelt 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 effect on 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.	

# 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.

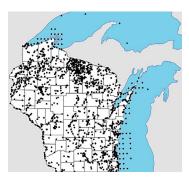
Wisconsin is rich in water resources. There are nearly 15,000 lakes and 32,000 miles of rivers located within the state, as well as <u>Lake Michigan</u> and <u>Lake Superior</u> and the Mississippi River on its borders. Since testing began, over 1,700 sites have been tested.

## 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.

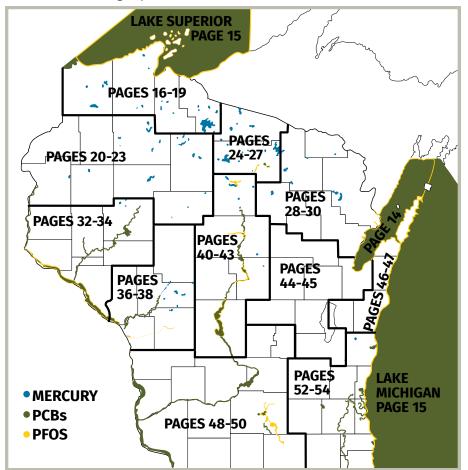
The map shows locations from which fish

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>.



In this booklet, waters with exceptions to the <u>statewide safe-eating</u> <u>guidelines on page 5</u> 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.



## **COUNTY INDEX**

Adams County40, 42	Marathon County	40, 42
Ashland County16, 18	Marinette County	28, 30
Barron County20, 22	Marquette County	48, 50
Bayfield County16, 18	Menominee County	28, 30
Brown County44	Milwaukee County	52, 54
Buffalo County 32, 34		
Burnett County20, 22		
Calumet County46	Oneida County	24, 26
Chippewa County 32, 34		44
Clark County36, 38		
Columbia County48, 50	_	
Crawford County48, 50		
Dane County48, 50	Polk County	20, 22
Oodge County52, 54		
Door County46		
Douglas County16, 18		
Dunn County32, 34		
Eau Claire County32, 34		
lorence County28, 30		
ond du Lac County44		48, 50
orest County28, 30		
Grant County48, 50	Shawano County	44
Green County48, 50		
Green Lake County48, 50		
owa County48, 50		20, 22
ron County16, 18		
ackson County36, 38		
efferson County 52, 54		
uneau County40, 42	Walworth County	52, 54
Kenosha County52, 54		20, 22
Kewaunee County46	Washington County	52, 54
a Crosse County36, 38		
afayette County48, 50		
anglade County28, 30		
incoln County40, 42		
Manitowor County 46		

## **GREEN BAY**

## **LAKE MICHIGAN**

#### **LAKE SUPERIOR**







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

Up to their first impassable barrier, except for the Fox River, see pages 45 and 49. For the Menominee River, see page 30.

## **GUIDELINES FOR EVERYONE (PCBS)**

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

		20 1 0 11 2 1 2 1 2 1 2 2 2			
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat
Brown trout			Under 26"	Over 26"	
Burbot		All sizes			
Carp					All sizes
Channel catfish				All sizes	
Chinook salmon			All sizes		
Freshwater drum			All sizes		
Lake whitefish			All sizes		
Musky					All sizes
Northern pike		Under 27"	Over 27"		
Rainbow trout			All sizes		
Rainbow smelt		All sizes			
Rock bass		All sizes			
Smallmouth bass			All sizes		
Sturgeon					All sizes
Walleye			All sizes		
White bass			All sizes		
White perch			All sizes		
White sucker		All sizes			
Yellow perch		All sizes			

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

For the Ahnapee, Kewaunee, Manitowoc, Milwaukee, Pike, Root, Sheboygan and Twin Rivers, see page <u>47</u> and <u>52 – 54</u>.

	GUIDELI	NES FOR EV	ERYONE (PO	CBS)		
GUIDELINES FOR EVERYONE (PFOS)						
Species Unrestricted Up to 1 Up to 1 Up to 6 Week Worth Wear  Up to 1 Up to 1 Up to 6 Week Worth Wear						
Brown trout			All sizes			
Chinook salmon			All sizes			
Chubs			All sizes			
Coho salmon		All sizes				

23"-29"

Over 29"

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

Lake trout

Smelt

Lake whitefish

Rainbow trout

Yellow perch

Up to their first impassable barrier. For <u>Superior Harbor and St. Louis River, see page</u> <u>19</u>.

Under 23"

All sizes

All sizes

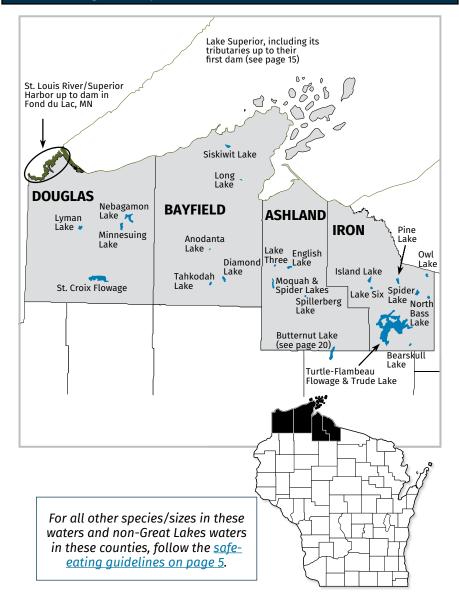
All sizes

All sizes

GUIDELINES FOR EVERYONE (PCBS AND MERCURY)						
GUIDELINES FOR EVERYONE (PFOS)						
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per 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				

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



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

### **CONSUMPTION GUIDELINES (MERCURY)**

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat
	•	Anodanta	Lake	•	
Black crappie		All sizes 🌤	All sizes		
Bluegill		All sizes 🌤	All sizes		
	•	Bearskull	Lake		
Bluegill		All sizes 🌤	All sizes >♠◆		
Walleye			Over 18"*		Over 18"
	•	Diamond	Lake		
Walleye			Over 19"*		Over 19"
		English I	Lake		
Walleye			Over 16"*		Over 16"
	1	Island Lake (T4	4 R1E S25)		
Black crappie		All sizes ≫	All sizes		
Walleye			All sizes		All sizes →
		Lake S	ix		
Northern pike			Over 26"*		Over 26" →
Yellow perch		All sizes 🌤	All sizes		
		Lake Three (T4	4 R4W S3)		
Black crappie		All sizes 💝	All sizes		

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 **CONSUMPTION GUIDELINES (MERCURY)** Up to 1 Up to 1 Up to 6 Unrestricted **Species** meal per meal per meals per Do not eat week month year Long Lake (T48 R5W S6) Largemouth Over 14" Over 14"> bass Over 15"\* Over 15">>> Walleye Yellow perch All sizes 🖛 All sizes Lyman Lake Black crappie All sizes 🖛 All sizes Over 17" Walleye Over 17" **Minnesuing Lake** Black crappie All sizes 🖛 All sizes )<del>(\*)</del> Over 20"\* Walleye Over 20" )**@**)@ **Moquah & Spider Lakes** Bluegill All sizes 💝 All sizes **Nebagamon Lake** Over 23" Over 23" Walleye **North Bass Lake** Bluegill All sizes 🖛 All sizes All sizes≫ All sizes Largemouth bass **Owl Lake** Black crappie All sizes 🖛 All sizes All sizes\*\*\* All sizes<sup>™</sup> Walleye Pine Lake (T44 R3E S29) Over 21" Walleye Over 21" )**(\*)**

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

### **CONSUMPTION GUIDELINES (MERCURY)**

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

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not ea
	·	Siskiwit		, <b>,</b>	ı
Walleye			Over 16"**		Over 16"
		Spider L	.ake		
Walleye			Over 15"*		Over 15"
		Spillerber	g Lake		
Yellow perch		All sizes 🌤	All sizes →		
		St. Croix Fl	owage		
Black crappie		All sizes 🌤	All sizes		
Superior Har	bor and St. Louis	s River from Su	perior Entry to	dam at Fond o	lu Lac, MN
Black crappie		All sizes 🎏	All sizes →		
Carp			All sizes		
Freshwater drum			All sizes		
Walleye			Over 22" 🗯		
Yellow perch		All sizes			
		Tahkodah	I		
All panfish		All sizes 🖛	All sizes		
Walleye			All sizes		All sizes →
	Turtle-I	Flambeau Flow	age & Trude La	ke	
Black crappie		All sizes 🌤	All sizes		
Walleye			Over 24"		Over 24"

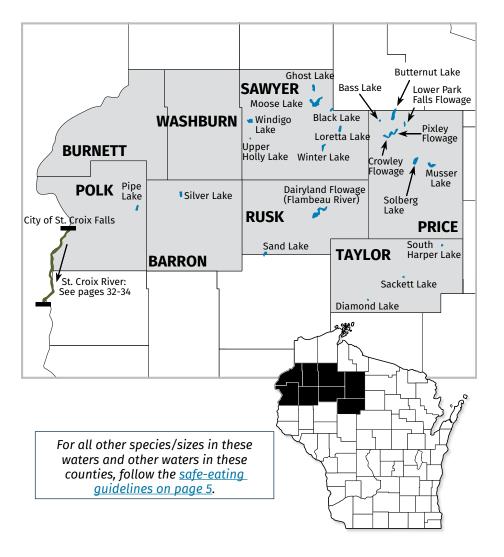
Advice for women over age 50 and men

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

Advice for women under age 50 and children under age 15

Burnett, Polk, Washburn, Barron, Sawyer, Rusk, Taylor and Price Counties



## SITE SPECIFIC ADVISORIES FOR

Burnett, Polk, Washburn, Barron, Sawyer, Rusk, Taylor and Price Counties

### **CONSUMPTION GUIDELINES (MERCURY)**

	CONCOMI	HON WOIDE	TIMEO (MITI							
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat					
Bass Lake (T40 R2W S15)										
Walleye			Over 15"**		Over 15"					
		Black L	ake							
Black crappie		All sizes 🌤	All sizes							
Bluegill		All sizes 🌤	All sizes							
	Bu	tternut Lake (	T40 R1W S18)							
Walleye			Over 16"		Over 16"					
	Crow	ley Flowage (F	lambeau River)							
Black crappie		All sizes **	All sizes →							
Walleye			Over 23"**		Over 23"					
	Dairy	land Flowage (	Flambeau Riveı	·)						
Walleye			All sizes		All sizes →					
		Diamond	Lake							
Walleye			All sizes		All sizes					
	·	Ghost L	ake		•					
Walleye			Over 20"		Over 20"					
	Lorett	a Lake (Upper	Brunet Flowage	e)						
Black crappie		All sizes **	All sizes →							
	Lower Pa	rk Falls Flowag	ge (Flambeau Ri	iver)						
Northern pike			Over 22"		Over 22"					

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

Burnett, Polk, Washburn, Barron, Sawyer, Rusk, Taylor and Price Counties

## **CONSUMPTION GUIDELINES (MERCURY)**

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat						
	Moose Lake										
Walleye			All sizes ❤		All sizes →						
		Musser L	.ake								
Black crappie		All sizes ≫	All sizes →								
Walleye			Over 24"		Over 24"						
	· .	Pipe Lake (T35	R15W S15)								
Largemouth bass			All sizes <sup></sup> ◆		All sizes						
	Pixley Flowage (Flambeau River)										
Black crappie		All sizes 🌤	All sizes →								
Walleye			Over 23"		Over 23" >⇒>≈						
		Sackett I	Lake								
Walleye			Over 19"		Over 19"						
		Sand Lake (T33	R8w S34)								
Walleye			Over 21"*		Over 21"						
		Silver L									
Walleye			Over 15"**		Over 15" > <b>⇒</b>						
	Solberg Lake										
Black crappie		All sizes ≫	All sizes →								
		South Harp	er Lake								
Walleye			Over 19"*		Over 19"						

## SITE SPECIFIC ADVISORIES FOR

Burnett, Polk, Washburn, Barron, Sawyer, Rusk, Taylor and Price Counties

## **CONSUMPTION GUIDELINES (MERCURY)**

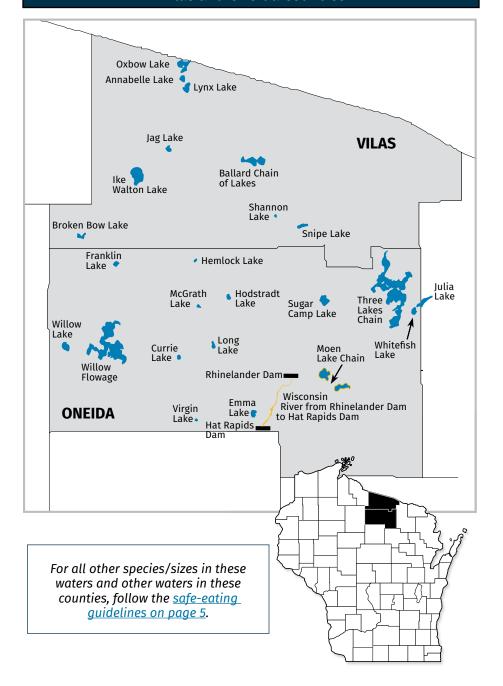
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat						
	Upper Holly Lake										
Black crappie		All sizes 🎏	All sizes →								
		Windigo	Lake								
Northern pike			Over 19"		Over 19" →						
Walleye			Over 15"*		Over 15" →						
Winter Lake											
Black crappie		All sizes ≫	All sizes →								

Advice for women over age 50 and men

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

Advice for women under age 50 and children under age 15

## SITE SPECIFIC ADVISORIES FOR **Vilas and Oneida Counties**



## SITE SPECIFIC ADVISORIES FOR **Vilas and Oneida Counties**

	CONSUMPTION GUIDELINES (MERCURY)										
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat						
Annabelle Lake											
Walleye			Over 20"*		Over 20"						
	Ballard Chain (includes Ballard, White Birch and Irving Lakes)										
Walleye			Over 17"*		Over 17" 🗪						
		Broken E	Bow Lake								
Largemouth			Over 15"**		Over 15" ****						
bass											
		Currie	e Lake		I						
Walleye			Over 16"*		Over 16"						
	ı	Emma	a Lake								
Walleye			Over 20"*		Over 20"						
	1	Frankl	in Lake								
Walleye			Over 21"*		Over 21" ***						
	l		ck Lake								
All panfish		All sizes 🌤	All sizes								
Walleye			Over 17"*		Over 17" 🗪						
		Hodstra	adt Lake								
Walleye			Over 19"		Over 19" 🗪						
		Ike Walt	ton Lake								
Walleye			All sizes 🖛		All sizes 🗪						
		Jag	Lake								
Walleye			Over 20"		Over 20" 🗪						
		Julia Lake (1	T38 R12E S6)								
Walleye			Over 15"*		Over 15" 🗪						
		Long Lake (	T37 R7E S10)		T						
Walleye			Over 18"*		Over 18" 🗪						
		Lynx Lake (	T43 R7E S18)								
Walleye			Over 18"*		Over 18" 🗪						

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

## SITE SPECIFIC ADVISORIES FOR **Vilas and Oneida Counties**

## **CONSUMPTION GUIDELINES (MERCURY)**

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

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat					
McGrath Lake										
Bluegill		All sizes 🖛	All sizes ≫							
Largemouth			Over 18"*		Over 18" >◆					
bass										
Yellow perch		All sizes 💝	All sizes ****							
Moei	ı Lake Chain (in	cludes Moen, Se	econd, Third, Fo	urth and Fifth L	akes)					
All species			All sizes							
Walleye			All sizes		Over 19"					
		Oxbov	v Lake							
Walleye			Over 21"		Over 21" →					
		Shanno	on Lake							
Largemouth			Over 16"≔		Over 16"					
bass										
		Snipe	Lake							
Walleye			Over 19"*		Over 19" >⇒>=					
Yellow perch		All sizes 🖛	All sizes 🍽 🖛							
		Sugar Ca	mp Lake							
Northern			Over 28"*		Over 28" ❤️❤					
pike										
Smallmouth			Over 17"		Over 17"					
bass										
Walleye			Over 18"*		Over 18"					
Three La	akes Chain (incl		rk, Big Stone, Do Dund Lakes)	og, Fourmile, Isl	and and					
Walleye			Over 26"*		Over 26" →					
Yellow perch		All sizes 💝	All sizes							

## SITE SPECIFIC ADVISORIES FOR **Vilas and Oneida Counties**

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

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat				
Virgin Lake									
Valleye			Over 22"		Over 22" >⇒>⇒				
Whitefish Lake									
ellow perch		All sizes 🖛	All sizes 🐃 🖛						
		Willow F	lowage						
Valleye			Over 17"*		Over 17"				
Willow Lake (T37 R4E S9)									
Valleye			Over 20"*		Over 20"				
Wisconsii	n River downstr	eam from the R	hinelander Dan	to the Hat Ra	oids Dam				

(Hat Rapids Flowage)

Bluegill

Rock bass

Pumpkinseed

Yellow perch

All sizes

All sizes

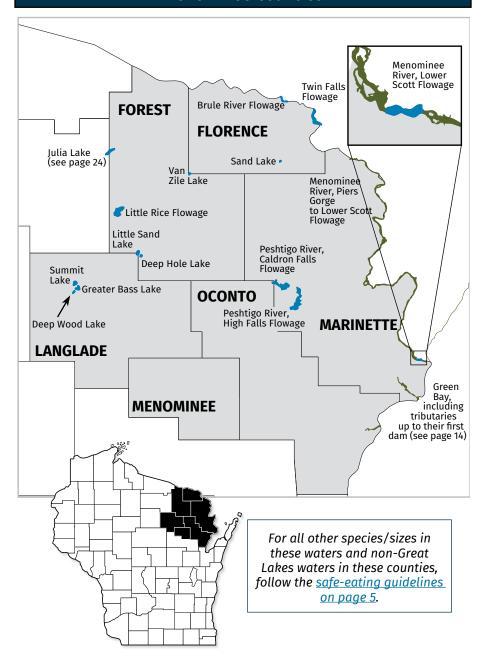
All sizes

All sizes

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

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

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



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

#### **CONSUMPTION GUIDELINES (MERCURY)** Up to 6 Up to 1 Up to 1 meal **Species** Unrestricted meals per meal per Do not eat per month vear **Brule River Flowage** Black crappie All sizes 🖛 🛮 All sizes 🗪 Over 24" Over 24" >>> Walleye Caldron Falls Flowage (Peshtigo River) All sizes 🤏 All sizes 🐃 Black crappie Over 17"\* Over 17" Walleye All sizes Yellow perch All sizes 💝 **Deep Hole Lake** Over 18" Over 18" Walleye Deep Wood Lake (T33 R10E S14) Bluegill All sizes 🤏 All sizes 💝 Northern pike Over 26" Over 26" > **Greater Bass Lake** Largemouth All sizes<sup>™</sup> All sizes bass Northern pike Over 22" Over 22" High Falls Flowage (Peshtigo River) All sizes 🖛 All sizes 🗪 Black crappie Over 17" Over 17" Walleye **Little Rice Flowage** All sizes 🤏 All sizes Black crappie

**Little Sand Lake** 

All sizes

Over 25"

Over 25"

All sizes 🖛

Bluegill

Northern pike

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

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

#### **CONSUMPTION GUIDELINES (MERCURY) GUIDELINES FOR EVERYONE (PCBS)** Up to 1 Up to 6 Up to 1 meal meals per **Species** Unrestricted Do not eat meal per per month week vear **Menominee River: Lower Scott Flowage** All sizes 🤏 All sizes 🐃 All panfish Over 16"\*\* Over 16" Walleye **Menominee River: Piers Gorge to Lower Scott Flowage** All sizes Carp Lake sturgeon All sizes Walleye Over 20" > Over 20" **Menominee River: Twin Falls Flowage** Northern pike Over 21" 💝 Over 21" )\*\*\* **Sand Lake (T38 R18E S21)** Over 18" 💝 Over 18" \*\*\* Walleye **Summit Lake** Black crappie All sizes 💝 All sizes All sizes \*\*\* Largemouth All sizes<sup>▶</sup> bass Van Zile Lake Largemouth All sizes All sizes ▶ bass Over 24" 💝 Over 24" >>>

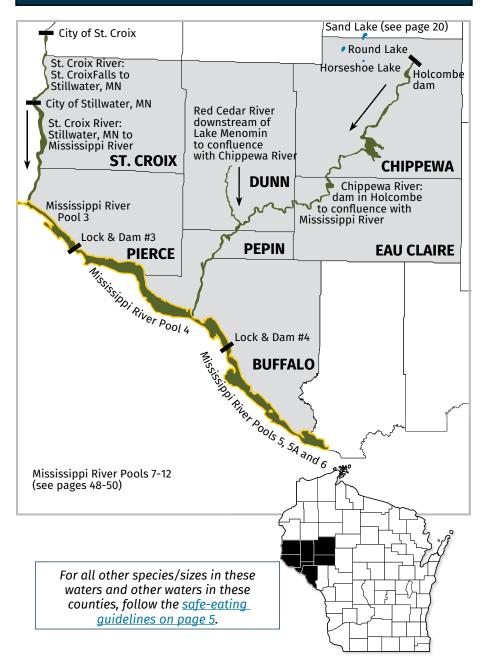
Northern pike



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



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

CONSUMPTION GUIDELINES (MERCURY)									
GUIDELINES FOR EVERYONE (PCBs)									
	GUIDELI	NES FOR EV	ERYONE (PE	OS)					
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per 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						
	Но	rseshoe Lake (	T32 R8W S33)						
Walleye			Over 20" ➤		Over 20" ➤				
		Mississippi Ri	ver Pool 3						
Bluegill		All sizes							
Buffalo			All sizes						
Channel catfish			All sizes						
Crappie		All sizes							
		Mississippi Ri	ver Pool 4						
Bluegill		All sizes							
Buffalo			All sizes						
Channel catfish			All sizes						
Crappie		All sizes							
Flathead catfish			All sizes						
White bass			All sizes						
	Missi		ools 5, 5A and 6						
Bluegill		All sizes							
Crappie		All sizes							
Flathead catfish			All sizes						
White bass			All sizes						
Red Cedar River – downstream of Lake Menomin to confluence with Chippewa River									
Channel catfish			All sizes						
	Round Lake (T32 R9W S14)								
Black crappie		All sizes ⊁	All sizes ≫*						
Walleye			Over 20" ➤		Over 20"				
■Advice for womer	1 0vor 200 50 21	nd mon							

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

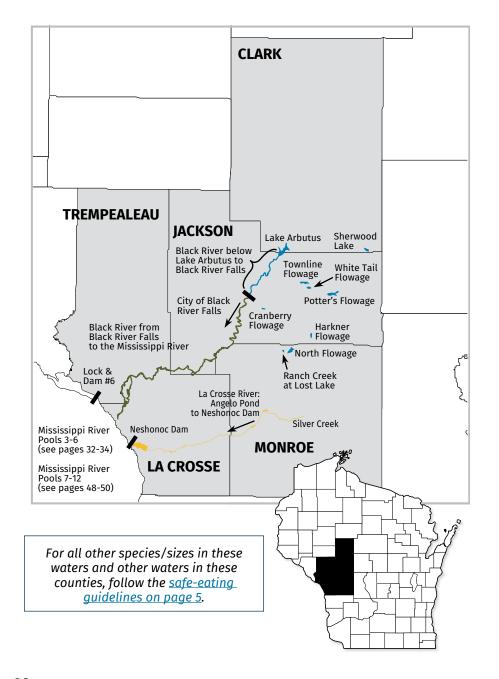
# SITE SPECIFIC ADVISORIES FOR St. Croix, Pierce, Dunn, Pepin, Buffalo, Chippewa and Eau Claire Counties

## **GUIDELINES FOR EVERYONE (PCBS)**

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat				
St. Croix River below St. Croix Falls in Polk County to Stillwater, MN									
Buffalo			All sizes						
White bass			All sizes						
St. Croix River from Stillwater, MN to the Mississippi River									
Buffalo			Over 22"						
Channel catfish			All sizes						



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



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

	CONSUMPTION GUIDELINES (MERCURY)									
GUIDELINES FOR EVERYONE (PCBs)										
	GUIDELINES FOR EVERYONE (PFOS)									
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat					
	Bla	ack River at La	ke Arbutus	-						
Black crappie		All sizes 🖛	All sizes ➤							
Bluegill		All sizes 🖛	All sizes ➤							
Channel catfish			Over 25" 🖛		Over 25" >					
Smallmouth bass			Over 17" 🖛		Over 17" >					
Walleye			Over 22" >≈		Over 22" >					
	Black River be	low Lake Arbu	tus to Black Riv	er Falls						
Black crappie		All sizes 🖛	All sizes ≫							
Black R	iver from Blacl	k River Falls do	wnstream to M	ississippi Riv	er					
Black crappie			All sizes							
Channel catfish			Over 25"							
	U	pper Cranberr								
Black crappie		All sizes 🖛	All sizes ≫*							
Bluegill		All sizes 🖛	All sizes ➤							
Largemouth bass			Over 19" 🖛		Over 19" 🗪					
La Crosso	e River from An includi	igelo Pond dov ng Perch and N	vnstream to the Jeshonoc lakes	e Neshonoc D	am,					
Black crappie			All sizes							
Bluegill			All sizes							
Brown trout			All sizes							
Largemouth bass			All sizes							
Northern pike			All sizes							
Pumpkinseed		All sizes								
Yellow perch		All sizes								

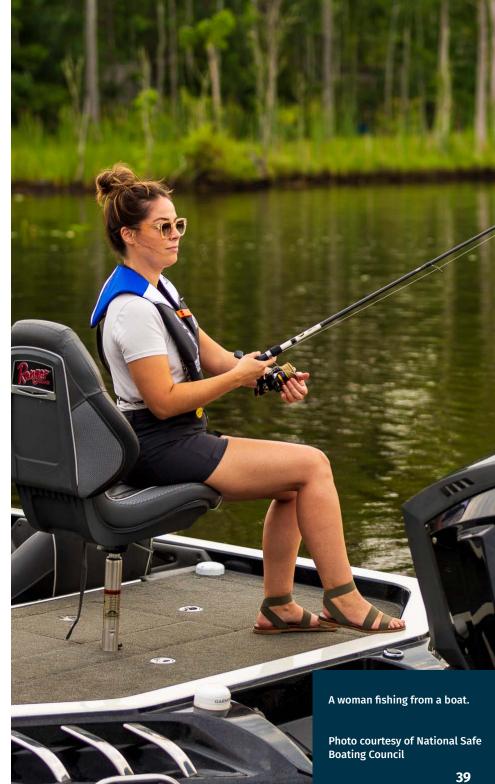
Advice for women over age 50 and men
Advice for women under age 50 and children under age 15

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

#### **CONSUMPTION GUIDELINES (MERCURY) GUIDELINES FOR EVERYONE (PFOS)** Up to 1 Up to 1 Up to 6 **Species** Unrestricted meal per meal per meals per Do not eat week month vear Lost Lake (Ranch Creek) Black crappie All sizes 🖛 All sizes Bluegill All sizes 🖛 All sizes 🗪 Over 21" 🖛 Largemouth bass Over 21" >⇒>= **North Flowage** Black crappie All sizes All sizes 🖛 Over 15" ➤ Largemouth bass Over 15" \*\*\* Potter's Flowage All sizes Black crappie All sizes 🖛 Largemouth bass Over 18" 🖛 Over 18" All sizes 🖛 All sizes Yellow perch **Sherwood Lake** Black crappie All sizes All sizes 🖛 Over 16" Largemouth bass Over 16" 🖛 **Silver Creek Brook trout** All sizes All sizes **Brown trout Townline Flowage** Black crappie All sizes 🖛 All sizes All sizes 🖛 All sizes Yellow perch **White Tail Flowage** Northern pike Over 22" 🖛 Over 22"

Yellow perch

All sizes 🖛



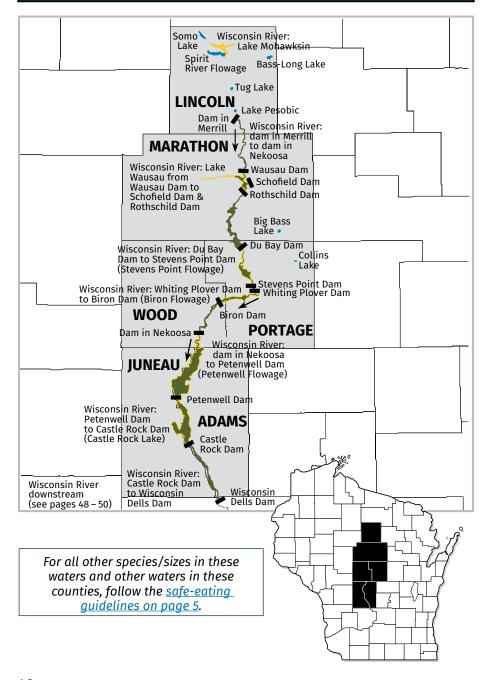
38

All sizes

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

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



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

	CONSUMPTION GUIDELINES (MERCURY)								
	GUIDELINES FOR EVERYONE (PCBS)								
	GUIDELI	NES FOR EV	ERYONE (PI	OS)					
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat				
	Ba	ss-Long Lake (	T34 R8E S16)	,	!				
Largemouth bass			All sizes >=		All sizes				
-		Big Bass	Lake						
Largemouth bass			Over 18" 🖛		Over 18" ****				
Walleye			Over 18" 🖛		Over 18" >				
		Collins I	.ake						
Walleye			Over 20" 🖛		Over 20"				
		Lake Pes							
Black crappie		All sizes 🖛	All sizes ≫*						
		Somo L	ake						
Bluegill		All sizes 🗯	All sizes ≫						
Walleye			Over 22" > ■		Over 22" ➤				
		Spirit River	<del> </del>						
Black crappie		All sizes 🖛	All sizes ➤						
Bluegill		All sizes 🖛	All sizes ≫*						
		Tug La							
Bluegill		All sizes 🖛	All sizes						
Northern pike			Over 19" 🖛		Over 19" 🗪				
	Wisco	nsin River at L	ake Mohawksi	1					
Black crappie			All sizes						
Bluegill		All sizes							
Pumpkinseed			All sizes						
Rock bass			All sizes						
Yellow perch		All sizes		d					
	sin River from	dam at Merrill		dam at Neko	osa				
Carp			All sizes						
Redhorse			All sizes						

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

#### SITE SPECIFIC ADVISORIES FOR Lincoln, Marathon, Wood, Portage, Juneau and Adams **Counties GUIDELINES FOR EVERYONE (PCBS) GUIDELINES FOR EVERYONE (PFOS)** Up to 1 Up to 6 Up to 1 meals per **Species** Unrestricted meal per meal per Do not eat week month year Wisconsin River at Lake Wausau from dam at Wausau to Schofield Dam and Rothschild Dam, including the Big Rib River until it crosses Hwy 29 All sizes Black crappie Bluegill All sizes All sizes Carp All sizes Redhorse **Rock bass** All sizes Yellow perch All sizes Wisconsin River from dam at Du Bay downstream to dam at **Stevens Point (Stevens Point Flowage)** Black crappie All sizes Bluegill All sizes Carp All sizes Redhorse All sizes Rock bass All sizes Yellow perch All sizes

Wisconsin River from Whiting Plover Dam to the Biron Dam (Biron Flowage)

Carp

Redhorse White bass All sizes

All sizes

All sizes

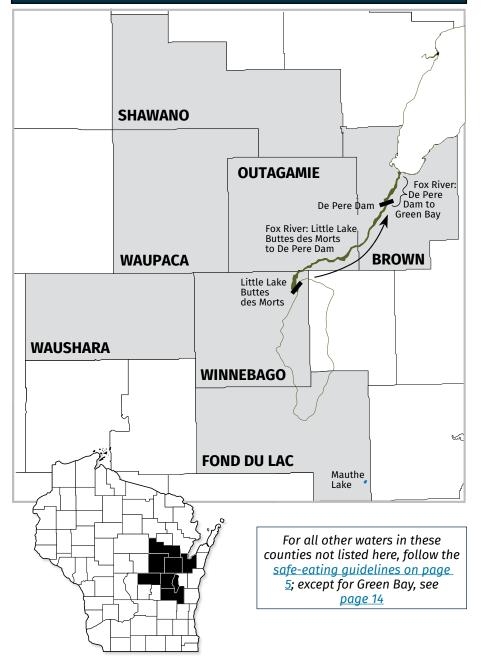
# SITE SPECIFIC ADVISORIES FOR Lincoln, Marathon, Wood, Portage, Juneau and Adams Counties

### **GUIDELINES FOR EVERYONE (PCBS)**

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

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat
Wisconsin I	River from dam	at Nekoosa to	Petenwell Dan	ı (Petenwell Fl	owage)
Bluegill		All sizes			
Carp					All sizes (dioxin)
Channel catfish			Under 20"		Over 20" (dioxin)
Crappie		All sizes			
White bass			All sizes (PCBs and PFOS)		
Yellow perch		All sizes			
Wisconsin	<b>River from Pete</b>	enwell Dam to	Castle Rock Da	m (Castle Rock	Lake)
Bluegill		All sizes			
Black crappie		All sizes			
Carp			All sizes		
Yellow perch		All sizes			
Wis	consin River fro	m Castle Rock	Dam to Wisco	ısin Dells Dam	
Carp			All sizes		
Channel catfish			All sizes		

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



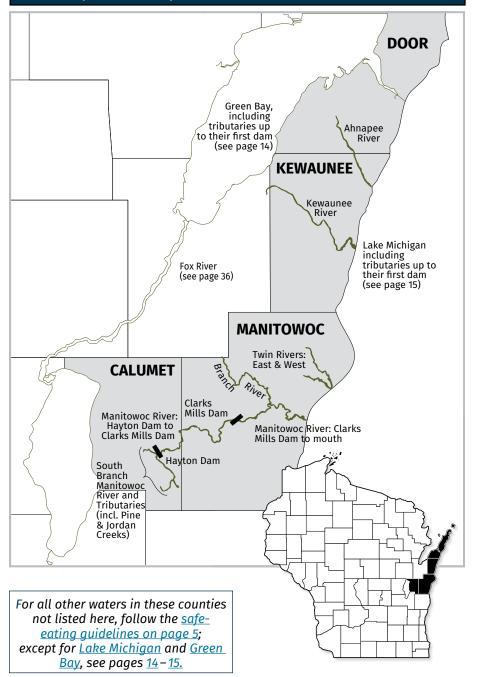
# SITE SPECIFIC ADVISORIES FOR Shawano, Waupaca, Waushara, Brown, Outagamie, Winnebago and Fond du Lac Counties

	Williebago and Folia da Eac counties									
CONSUMPTION GUIDELINES (MERCURY)										
GUIDELINES FOR EVERYONE (PCBS)										
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per 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							
Fox River from De Pere Dam downstream to the mouth of the Fox										
	W	here it enters	Green Bay	Ī	1					
Bigmouth					All sizes					
buffalo										
Black crappie			All sizes							
Bluegill			All sizes							
Carp					All sizes					
Channel catfish					All sizes					
Freshwater drum			Under 19"	19"-23"	Over 23"					
Lake whitefish			All sizes							
Musky					All sizes					
Northern pike			Under 33"	Over 33"						
Rock bass		All sizes								
Smallmouth bass			All sizes							
Walleye			Under 21"	Over 21"						
White bass				All sizes						
White perch				All sizes						
White sucker			All sizes							
Yellow perch			All sizes							
		Mauthe La								
Yellow perch		All sizes 🖛	All sizes ≫*							

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

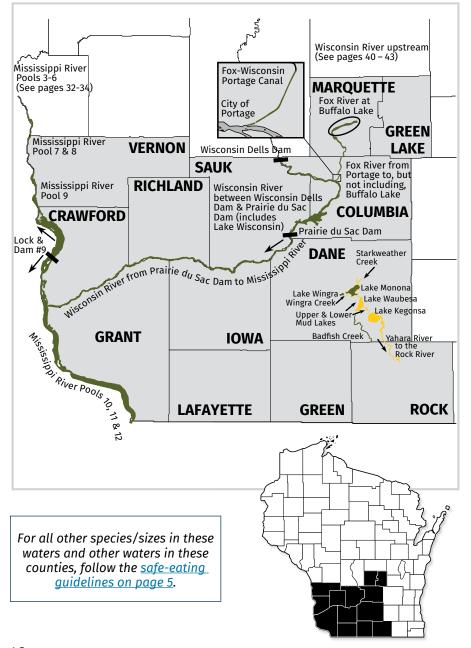
## SITE SPECIFIC ADVISORIES FOR Door, Kewaunee, Manitowoc and Calumet Counties



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

	GUIDELI	NES FOR EV	ERYONE (PO	CBS)	
Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat
Ahnapee River					
Carp			All sizes		
Trout & salmon			guidelines, se		
	T .		nitowoc County		
Trout & salmon	Follow the Lo	<u>ake Michigan</u>	guidelines, se	<u>ee page 15.</u>	
		Kewaunee	River		
Carp				All sizes	
Channel catfish			Under 13"	Over 13"	
Trout & salmon	Follow the Lo				
Manitowoc River (South Branch) and its tributaries from Chilton downstream to Hayton Millpond, including Pine and Jordan Creeks					
All species					All sizes
Ma	anitowoc River	from Hayton M	lillpond to Clar	ks 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	liver from Clark	cs Mills Dam do	ownstream to r	nouth at Lake I	Michigan
Carp			All sizes		
Channel catfish				Under 20"	Over 20"
Smallmouth			All sizes		
bass					
Northern pike			All sizes		
Trout & salmon	Follow the so	afe-eating gu	idelines on po	ıge 5.	
	rivers (East and				ns
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	ake Michiaan	quidelines, se	e page 15.	

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



### 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)** Up to 1 Up to 1 Up to 6 **Species** Unrestricted Do not eat meal per meal per meals per month week Badfish Creek and Oregon Branch downstream of Schneider Road; Dane County All sizes Carp Fox River from Portage downstream to, but not including, Buffalo Lake Black crappie All sizes All sizes Bluegill All sizes Bullhead All sizes Carp Smallmouth All sizes bass White sucker All sizes Fox River at Buffalo Lake All sizes Carp Panfish All sizes Mississippi River Pool 7 and 8 Buffalo All sizes Flathead catfish All sizes Mississippi River Pool 9 Buffalo All sizes All sizes Carp All sizes White bass Mississippi River Pools 10, 11 and 12 Over 25" Carp **Portage Canal** All sizes Carp Lake Wingra All sizes Carp

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

## **GUIDELINES FOR EVERYONE (PCBS)**

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

Week month year Wisconsin River from Wisconsin Dells Dam downstream to Prairie du Sac Dam (including Lake Wisconsin)								
Species	Unrestricted		meal per	meals per	Do not eat			

Carp All sizes
Lake sturgeon Under 70" Over 70"

Wisconsin River from Prairie du Sac Dam downstream to the confluence with the Mississippi River

Carp Over 20"

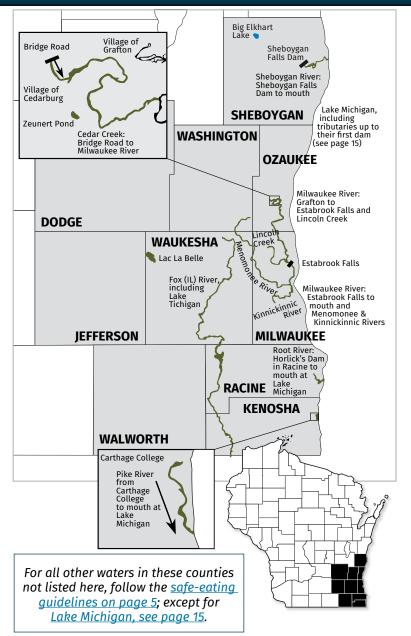
Lake sturgeon Under 70" Over 70"

Parts of the Yahara Chain of lakes, including Wingra Creek, Lake Monona, Starkweather Creek, Lake Waubesa, Upper and Lower Mud Lake, Lake Kegonsa and the Yahara River downstream to the Rock River

Bluegill	All sizes		
Carp (Lake		All sizes	
Monona)			
Crappie		All sizes	
Largemouth		All sizes	
bass			
Northern pike		All sizes	
Pumpkinseed	All sizes		
Walleye		All sizes	
White bass		All sizes	
Yellow perch	All sizes		



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



## SITE SPECIFIC ADVISORIES FOR

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

		ciiosiia c	ouncies -			
	CONSUMPTION GUIDELINES (MERCURY)					
GUIDELINES FOR EVERYONE (PCBS)						
Species Unrestricted Up to 1 Up to 1 Up to 6 meal per meal per meals per Do not eat week month year						
		Big Elkhar	t Lake			
Walleye			Over 19" >		Over 19" →	
Cedar Creek from	m Bridge Road	in Cedarburg d Zeunert F	lownstream to Pond)	Milwaukee Riv	er (includes	
ALL SPECIES					ALL SIZES	
	Fox (IL	) River, includi	ng Lake Tichiga	n		
Carp			All sizes			
Channel catfish			All sizes			
	_	Lac La B	elle			
Buffalo			All sizes			
Milwaukee Rive	r from the City	of Grafton do Lincoln C		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				
Smallmouth			All sizes			
bass						
Walleye			All sizes			
Trout & salmon	Follow the Lo	ake Michigan	guidelines, se	e page 15		

Advice for women over age 50 and men

Advice for women under age 50 and children under age 15

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

### **GUIDELINES FOR EVERYONE (PCBS)**

Species	Unrestricted	Up to 1 meal per week	Up to 1 meal per month	Up to 6 meals per year	Do not eat	
Milwaukee River from Estabrook Falls downstream to harbor mouth at Lake Michigan and						

#### Milwaukee River from Estabrook Falls downstream to harbor mouth at Lake Michigan and the Menomonee and Kinnickinnic Rivers

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 Lab	e Michiaan ar	iidelines see n	nne 15	

#### Pike River from Carthage College in the City of Kenosha downstream to the mouth at Lake Michigan

Carp			All sizes		
Largemouth bass			All sizes		
Trout & salmon	Follow the Lake Michigan guidelines, see page 15.				

### Root River from Horlick's Dam in Racine downstream to Lake Michigan

Carp					All sizes
Trout & salmon	Follow the <u>Lak</u>	e Michigan gui	delines, see pa	g <u>e 15</u>	

### Sheboygan River from dam in Sheboygan Falls downstream to the mouth at Lake Michigan $\,$

All resident					All sizes
species					
Trout & salmon	Follow the Lak	e Michigan gui	delines, see pa	ge 15.	

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>.

# ALPHABETICAL INDEX OF WATERS WITH EXCEPTIONS TO SAFE-EATING GUIDELINES

ADVISORY WATER NAME	PAGES
Ahnapee River	47
Annabelle Lake (Vilas County)	25
Anodanta Lake (Bayfield County)	
Badfish Creek and Oregon Branch (Dane County)	49
Ballard Chain (Vilas County)	
Ballard Lake	25
Irving Lake	25
White Birch Lake	
Bass Lake (T40 R2W S15, Price County)	21
Bass-Long Lakes (T34 R08E S16, Lincoln County)	
Bearskull Lake (Iron County)	17
Big Bass Lake (Marathon County)	41
Big Elkhart Lake (Sheboygan County)	
Black Lake (Sawyer County)	
Black River	
at Lake Arbutus	
Lake Arbutus to Black River Falls	
Black River Falls to Mississippi River	
Branch River (Manitowoc County)	
Broken Bow Lake (Vilas County)	
Brule River Flowage (Florence County)	29
Butternut Lake (T40 R01W S18, Ashland/Price Counties)	21
Caldron Falls Flowage (Peshtigo River, Marinette County)	
Cedar Creek from Bridge Rd. in Cedarburg to Milwaukee River	
Zeunert Pond	53
Chippewa River: Holcombe dam to Mississippi River	33
Collins Lake (Portage County)	
Cranberry Flowage - Upper (Jackson County)	
Crowley Flowage on Flambeau River (Price County)	
Currie Lake (Oneida County)	25
Dairyland Flowage on Flambeau River (Rusk County)	
Deep Hole Lake (Forest County)	29
Deep Wood Lake (Langlade County)	
Diamond Lake (Bayfield County)	
Diamond Lake (Taylor County)	
Emma Lake (Oneida County)	
English Lake (Ashland County)	
Flambeau River	
Crowley Flowage (Price County)	
Dairyland Flowage (Rusk County)	
Lower Park Falls (Price County)	
Pixley Flowage (Price County)	21

ADVISORY WATER NAME	PAGES
Fox (IL) River	53
Lake Tichigan	53
Fox River (Lower)	
Little Lake Butte des Morts to De Pere Dam	
De Pere Dam to Green Bay	
Fox River (Upper)	
Buffalo Lake	
Portage to, but not including, Buffalo Lake	49
Franklin Lake (Oneida County)	
Ghost Lake (Sawyer County)	21
Greater Bass Lake (Langlade County)	
Green Bay and its tributaries	14
Harkner Flowage (Jackson County)	
Hemlock Lake (Oneida County)	
High Falls Flowage (Peshtigo River, Marinette County)	29
Hodstradt Lake (Oneida County)	
Horseshoe Lake (T32 R8W S33, Chippewa County)	
Ike Walton Lake (Vilas County)	
Island Lake (T44 R1E S25, Iron County)	
Jag Lake (Vilas County)	
Julia Lake (T38 R12E S6, Forest/Oneida Counties)	
Kewaunee River	
Lac La Belle (Waukesha County)	
La Crosse River (Monroe County)	
from Angelo Pond to Neshonoc Dam, including Perch and Neshonoc lake	
Lake Michigan and its tributaries	
Lake Pesobic (Lincoln County)	
Lake Six (Iron County)	
Lake Superior and its tributaries	
Lake Three (Ashland County)	
Little Rice Flowage (Forest County)	
Little Sand Lake (Forest/Langlade Counties)	29
Long Lake (T37 R7E S10, Oneida County)	25
Long Lake (T48 R5W S6, Bayfield County)	
Loretta Lake (Upper Burnet Flowage, Sawyer County)	
Lost Lake on Ranch Creek (Monroe County)	
Lower Park Falls Flowage on Flambeau River (Price County)	
Lyman Lake (Douglas County)	18
Lynx Lake (T43 R7E S18, Vilas County)	
Manitowoc River	
Clarks Mills Dam to mouth	
Hayton Dam to Clarks Mills Dam	
Manitowoc River (South Branch)	
Chilton to Hayton Millpond	
Pine Creek	
Jordan Creek	
Mauthe Lake (Fond du Lac County)	
McGrath Lake (Oneida County)	/b

ADVISORY WATER NAME	PAGES
Menominee River	
Lower Scott Flowage (Marinette County)	
Piers Gorge to Lower Scott Flowage	
Twin Falls Flowage (Florence County)	
Milwaukee River	53
Grafton to Estabrook Falls	
Lincoln Creek	
Milwaukee River (Estuary)	
Estabrook Falls to harbor mouth	
Menomonee River	
Kinnickinnic River	
Minnesuing Lake (Douglas County)	
Mississippi River (Central Wisconsin)	
Pool 3	
Pool 4	
Pools 5, 5A and 6	
Mississippi River (Southern Wisconsin)Pool 7 and 8	
Pool 9	
Pools 10, 11 and 12	
Moen Lake Chain (Oneida County)	
Moen Lake Chain (Oneida County)	
Second Lake	
Third Lake	
Fourth Lake	
Fifth Lake	
Moose Lake (Sawyer County)	
Moquah & Spider Lakes (Ashland County)	
Musser Lake (Price County)	
Nebagamon Lake (Douglas County)	
North Bass Lake (Iron County)	
North Flowage (Monroe County)	
Owl Lake (Iron County)	
Oxbow Lake (Vilas County)	
Peshitgo River	
Caldron Falls Flowage	30
High Falls Flowage	
Pike River: Carthage College in Kenosha to mouth	54
Pine Lake (Iron County)	
Pipe Lake (T35 R15W S15, Polk County)	
Pixley Flowage on Flambeau River (Price County)	
Portage Canal (Columbia County)	
Potter's Flowage (Jackson County)	
Red Cedar River: Lake Menomin to Chippewa River	
Root River: Horlick's Dam to mouth	54
Round Lake (T32 R9W S14, Chippewa County)	
Sackett Lake (Taylor County)	
Sand Lake (T33 R8W S34, Chippewa/Rusk Counties)	22

ADVISORY WATER NAME	PAGES
Sand Lake (T38 R18E S21, Florence County)	30
Shannon Lake (Vilas County)	26
Sheboygan River: Sheboygan Falls Dam to mouth	
Sherwood Lake (Clark County)	
Silver Creek (Monroe County)	
Silver Lake (Barron County)	
Siskiwit Lake (Bayfield County)	
Snipe Lake (Vilas County)	
Solberg Lake (Price County)	
Somo Lake (Lincoln County)	
Spider Lake (Iron County)	
Spillerberg Lake (Ashland County)	19
Spirit River Flowage (Lincoln County)	
St. Croix Flowage (Douglas County)	10
St. Croix River	
Below St Croix Falls to Stillwater, MN	
Stillwater, MN to Mississippi River	
St. Louis River and Superior Harbor	
Sugar Camp Lake (Oneida County)	
Summit Lake (Langlade County)	30
Tahkodah Lake (Bayfield County)	
Three Lakes Chain (Oneida County)	26
Big Fork Lake	26
Big Lake	
Big Stone Lake	
Dog Lake	
Fourmile Lake	
Island Lake	
Planting Ground Lake	26
Townline Flowage (Jackson County)	
Tug Lake (Lincoln County)	
Turtle-Flambeau Flowage and Trude Lake (Iron County)	
Twin Rivers (East And West) Two Rivers from mouth to first dams	
Van Zile Lake (Florence & Forest Counties)	20
Virgin Lake (Oneida County)	
Whitefish Lake (Oneida County)	
White Tail Flowage (Jackson County)	
Willow Flowage (Oneida County)	
Willow Lake (T37 R4E S9, Oneida County)	
Windigo Lake (Sawyer County)	
Winter Lake (Sawyer County)	23

ADVISORY WATER NAME	PAGES
Wisconsin River (Central and Northern)	41
at Lake Mohawksin	41
Merrill Dam to Nekoosa Dam	41
at Lake Wausau	
Du Bay Dam to Stevens Point Dam (Stevens Point Flowage)	42
Whiting Plover Dam to Biron Dam (Biron Flowage)	
Nekoosa Dam to Petenwell Dam (Petenwell Flowage)	43
Petenwell Dam to Castle Rock Dam (Castle Rock Lake)	
Castle Rock Dam to Wisconsin Dells Dam	43
Wisconsin River (Northern)	
from Rhinelander Dam to Hat Rapids Dam (Hat Rapids Flowage)	
Wisconsin River (Southern)	
Prairie du Sac Dam to Mississippi River	
Wisconsin Dells Dam to Prairie du Sac Dam	
Lake Wisconsin	
Yahara Chain (Dane County)	
Lake Wingra	
Yahara Chain (Dane County)	
Lake Kegonsa	
Lake Monona	
Lake Waubesa	
Starkweather Creek	
Upper and Lower Mud Lakes	
Wingra Creek	
Yahara River downstream to the Rock River	50



## **PANFISH TACOS**

A recipe from <u>Healthy Dishes with Wisconsin Fishes</u> Submitted by Larry Sperling of Madison, WI

### **Recommended Species For This Recipe**

Perch or bluegills (any firm panfish)

#### Serves 4

### Ingredients

- 1-1/2 pounds scaled panfish fillets, rinsed
- Fajita seasoning (your favorite brand or make your own)
- 4 tablespoons olive oil, divided
- 1 lb. bag of coleslaw cabbage mix (no dressing)
- Juice from one lemon
- Mango salsa or picante sauce
- Sour cream
- · Sharp cheddar cheese, shredded
- 1 avocado, sliced
- 8 corn tortillas
- Salt and pepper

### **Preparation And Cooking Instructions**

Preheat oven to 325F.

Toss coleslaw mix with two tablespoons of olive oil. Add the juice from one lemon and salt and pepper to taste. Set aside.

Warm the tortillas for 10-12 minutes in the oven.

Pat the fillets dry and sprinkle both sides with fajita seasoning. Heat two tablespoons of olive oil in a nonstick pan and sauté the panfish for about three minutes per side, until the flesh is opaque. Do not overcook.

Place two small fillets on a taco. Add cabbage mix, salsa, a dab of sour cream, an avocado slice and a little cheese. Enjoy!

#### **Recommended Side Dishes**

Spanish rice, fresh fruit salad

Find more fish recipes here: <a href="https://widnr.widen.net/s/rnbxrcnscb/consumption\_healthdishwisfish">https://widnr.widen.net/s/rnbxrcnscb/consumption\_healthdishwisfish</a>