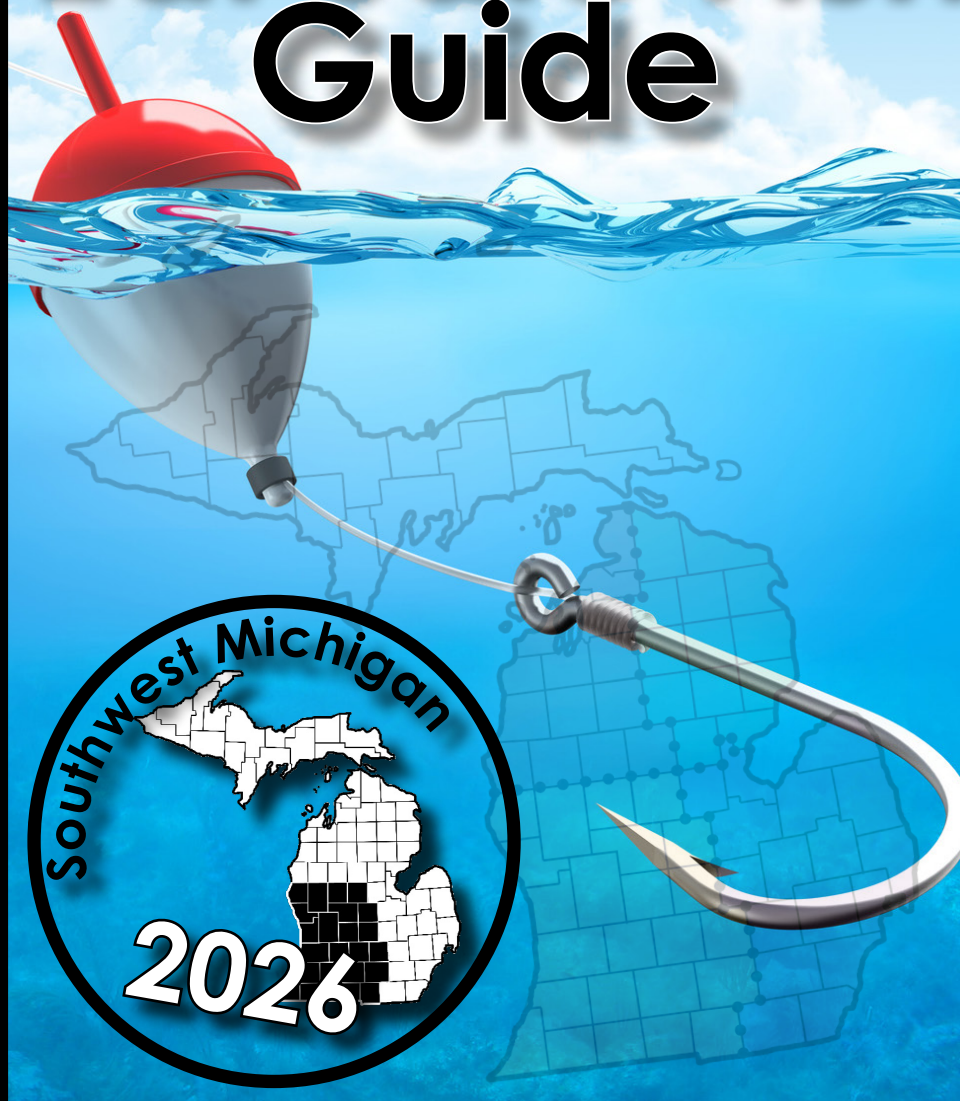


Michigan Department of Health and Human Services'

Eat Safe Fish Guide



Some fish contain chemicals that can harm your health. MDHHS tests filets of fish taken from Michigan's lakes and rivers to learn which fish are safer to eat. The *Eat Safe Fish Guide* lists the fish that have been tested and how much is safe to eat.



Inside the Guide

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About the Guide

The *Eat Safe Fish Guide (ESF Guide)* is provided by the Michigan Department of Health and Human Services (MDHHS).

- The fish listed under each lake or river in the *ESF Guide* have been tested for chemicals.
- Scientists from MDHHS test only the part of the fish you would eat, typically the filet, to determine the guidelines included in the *ESF Guide*.
- MDHHS uses the test results from the edible portions to find the average amount of chemicals in the fish species from that lake or river. They use this information to determine how much fish is safe to eat per month.
- The *ESF Guide* is not a rulebook. These are only guidelines to help you make safer choices for you and your family. You are not required to use it.
- The *ESF Guide* does not include rules and regulations about catching or keeping legally-sized fish.
- The *ESF Guide* provides advice for the size range of fish that are typically caught and eaten.

Michigan Fishing Laws



You should get a copy of the *Department of Natural Resources (DNR) Michigan Fishing Guide* when you purchase your fishing license. If you lost your *Fishing Guide* or have other questions about fishing legally, please call the DNR at 517-284-5830 or visit Michigan.gov/Fishing.

Questions About Eating Safe Fish?

If you have questions about choosing safer fish to eat or would like the *ESF Guide* for another region, please call the MDHHS at 800-648-6942 or visit Michigan.gov/EatSafeFish.



*Choosing Safer Fish

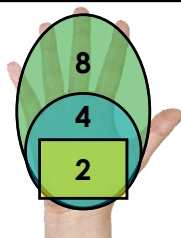
The guidelines in the *ESF Guide* are set to be safe for everyone.

This includes children, people who are pregnant or breastfeeding and people who have health problems, like cancer or diabetes.

But the *ESF Guide* is also for healthy adults who want to avoid getting too many chemicals in their bodies. Polychlorinated biphenyls (PCBs), dioxins and perfluorooctane sulfonate (PFOS) are linked to cancer and other illnesses. Mercury can cause damage to your brain and nerves. MDHHS uses chemical limits in the *ESF Guide* that will protect everyone who eats fish.

MI Serving Size

- ☑ 8 ounces of fish = size of an adult's hand (large oval)
- ☑ 4 ounces of fish = size of the palm of an adult's hand (small circle)
- ☑ 2 ounces of fish = size of half a palm of an adult's hand (rectangle)



How much is a MI Serving?

Weight of Person	MI Serving Size
45 pounds	2 ounces
90 pounds	4 ounces
180 pounds	8 ounces

Weigh Less?

For every 20 pounds less than the weight listed in the table, subtract 1 ounce of fish.

For example, a 70 pound child's *MI Serving* size is 3 ounces of fish.
 $90 \text{ pounds} - 20 \text{ pounds} = 70 \text{ pounds}$
 $4 \text{ ounces} - 1 \text{ ounce} = \text{a } MI \text{ Serving size of } 3 \text{ ounces}$

Weigh More?

For every 20 pounds more than the weight listed in the table, add 1 ounce of fish.

For example, a 110 pound person's *MI Serving* size is 5 ounces of fish.
 $90 \text{ pounds} + 20 \text{ pounds} = 110 \text{ pounds}$
 $4 \text{ ounces} + 1 \text{ ounce} = \text{a } MI \text{ Serving size of } 5 \text{ ounces}$

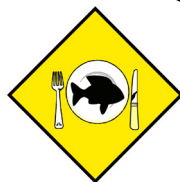
Are you pregnant?

Fish is good for you and your baby! Use your pre-pregnancy weight to find your *MI Serving* size. It is best to avoid eating fish labeled as "Limited" if you are pregnant or breastfeeding.

Special MI Serving Categories

Limited▲

MDHHS suggests you **avoid eating all fish listed as “Limited”** because of higher levels of chemicals if you:



- Are under the age of 15.
- **OR** -
- Have health problems, like cancer or diabetes.
- **OR** -
- Might have children in the next several years, are currently pregnant or are breastfeeding.

If **NONE** of the above apply to you, it is usually OK to eat fish listed as “Limited” **one or two times each year**.

Do Not Eat▲

No one should eat fish listed as Do Not Eat, regardless of age or health.



When these fish were tested, MDHHS found very high levels of chemicals. Eating even one meal of these fish could possibly lead to health problems in the future, regardless of age or health.

Finding a Balance

Sometimes a child might eat more than 2 ounces of fish or a 180 pound adult might eat more than 8 ounces of fish in one sitting. It's OK; count the number of *MI Servings* you eat in that meal.

For example, let's say the 180 pound adult ate 16 ounces of fish during one meal. That is two *MI Servings* of fish for a person of that size. If the fish is listed as two, four or twelve *MI Servings* in the *ESF Guide*, they're still within their recommended range. If the fish is listed as one *MI Serving* per month or “Limited”, they might want to avoid eating other meals of fish for a while to give their body time to process the chemicals.

No one should eat any amount of fish listed as Do Not Eat in the *ESF Guide*.



Get to know the



Choose

If you eat fish often, you can use the *ESF Guide* to choose the safest fish to eat from any Michigan lake or river.



Clean

To help cut out some of the chemicals in your fish, clean away the fat, skin and organs of the fish. Some chemicals, like PCBs and dioxins, are stored in the fat and organs.

Note, you cannot remove mercury or PFOS from your fish by trimming. Mercury and PFOS are stored in the filet.



Cook

Not only is grilling or broiling your fish healthier than frying, it also helps to get rid of more chemical-carrying fat. Cooking your fish on a grate lets the fat drip away as it cooks. This removes even more chemicals.

If you follow the 3Cs carefully, you can remove up to half of the chemicals in your fish, which allows you to double your monthly *MI Servings*.

If you see the ^{2x} symbol, that means you can double the number of *MI Servings* per month, if:

- Mercury or PFOS are **not listed** in the “**Chemical of Concern**” column.
- The *MI Serving* is not listed as “**Limited**”.

For example:

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*	Can you double?
Brown Trout	Dioxins	Any Size	Limited [▲]	No, it is “Limited”.
Burbot 	PCBs	Any Size	12 ^{2x}	Yes! 24 <i>MI Servings</i> are OK, if you follow the 3Cs.
Carp	Mercury	Any Size	4	No, mercury is listed as a chemical in the fish.

 Fish with eight *MI Servings* or more are considered the best choice to eat.

Use the Statewide Safe Fish Guidelines ONLY if:



- Your lake or river is not listed in the regional *ESF Guide*.
OR
- Your lake or river is listed in the *ESF Guide*, but the fish species is not listed.

Statewide Safe Fish Guidelines

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any Size	4
Bluegill 	Mercury	Any Size	8
Brown Trout	Mercury	Any Size	4
Bullhead	Mercury	Any Size	4
Carp	PCBs	Any Size	2 ^{2x}
Catfish	Mercury, PCBs	Any Size	4
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Muskellunge	Mercury	Any Size	1
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Rock Bass	Mercury	Any Size	4
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Suckers 	Mercury	Any Size	8
Sunfish 	Mercury	Any Size	8
Walleye	Mercury	Under 20"	2
Walleye	Mercury	Over 20"	1
White Crappie	Mercury	Any Size	4
Yellow Perch	Mercury	Any Size	4

These statewide guidelines are based on the typical amount of chemicals found in fish filets tested from around the state. If there are any tributaries of larger rivers where fish passage is accessible, then the guidelines for that larger river should be used instead of statewide guidelines.

FAQs

How often is the Eat Safe Fish (ESF) Guide updated?

The *ESF Guide* is updated regularly, but due to time and funding, not all fish from all bodies of water listed in the *ESF Guide* are tested every year. If there are special problems in the area, fish may be tested more often or sooner than planned.

PCBs, dioxins, mercury, PFOS and other chemicals that can be found in fish stay in our environment for a very long time. The amount of chemicals found in the fish is not expected to change a lot from year to year.



What part of the fish is tested for the ESF Guide?

While the entire headless, gutted smelt is tested for chemicals, for all other fish it is only the filets of the fish that are tested for chemicals. The skin is left on or taken off depending on common practice when cooking the fish. The organs and head are not tested for the *ESF Guide*. Internal organs (liver, fish eggs, etc.) typically have higher levels of chemicals than the filet and shouldn't be eaten.

Can I review the data myself?

Yes. All of the data, procedures and scientific reports used to create the *ESF Guide* are available online under Reports & Science at Michigan.gov/EatSafeFish. If you do not have internet access, call MDHHS at 800-648-6942 and we will provide you with the information.

Will I be able to tell if the fish are safe to eat by looking at them?

No. You will not be able to see any of the chemicals, even mercury or PFOS, in the fish. You also can't taste or smell the chemicals listed in the *ESF Guide*.

To find the chemicals, MDHHS tests the fish in a laboratory. MDHHS only tests the part of the fish that most people eat, typically the filets, for chemicals.

You can't see these chemicals in the water, either. Some very clear lakes or rivers can still have fish with higher levels of chemicals. If you eat fish from Michigan waterbodies, you can check the *ESF Guide* to find the safest options from the lake or river that you're fishing.



Is it safe to touch a fish that has chemicals in it?

Yes. You do not need to wear gloves or worry about getting the chemicals on you. They will not absorb into your skin from the fish.

Catch and release is almost always safe in Michigan regardless of where you're fishing. However, sometimes your local health department may issue a temporary warning against touching the water, including the fish that live in the water, because of problems like sewage overflow or harmful algae blooms.

You can contact your local health department or visit EGLE.state.mi.us/beach/ for local warnings about water quality.

Why should I use the Eat Safe Fish Guide?

If you eat fish, you might also be eating chemicals like mercury, PCBs, PFOS or dioxins. These chemicals can stay in your body for a long time.

The *ESF Guide* is designed to protect everybody who eats fish on a regular basis.

Using the *ESF Guide* and following the MI Serving suggestions will keep you from getting too many chemicals in your body at once. Scientists set the limits in the *ESF Guide* so that you are protected from possible health problems from the chemicals, no matter how long they stay in your body.

The *ESF Guide* is designed to protect any person who eats fish on a regular basis. If you are a healthy adult who is not pregnant and only eats Michigan fish once or twice a year from waters that are not posted with MDHHS signs, then you don't need to use the *ESF Guide*.

The 3Cs in the MDHHS *Eat Safe Fish in Michigan* brochure will help the occasional Michigan fish eater avoid eating too many chemicals. Call 800-648-6942 to get a free copy of the brochure.

You may choose to eat more fish than the *ESF Guide* recommends. These guidelines are not rules; it is your choice. Not everyone will get sick from eating too many of these chemicals. The chemicals in the fish won't make you sick right away, either. Some people will be fine after years of eating fish with these chemicals in them. Others can have health problems. It is difficult to know who might get sick from the chemicals in fish and who won't.

I don't see a fish species/fishing spot listed in the ESF Guide. What does this mean?

Michigan is lucky to have over 11,000 lakes, rivers and streams. Because of that huge number, it is not possible to test every fish species from every body of water in the state.

If you don't see the fish species you're planning to eat listed in the *ESF Guide* for your lake or river OR you don't see the lake or river listed at all, see page 9 for the **Statewide Safe Fish Guidelines**.

Common Michigan Fish

The fish listed here can be found in lakes and rivers around Michigan. Once you ID your fish, you can use the guidelines in this booklet to see how often the fish is safe to eat.



Black Crappie



Black Buffalo



Bluegill*



Brook Trout



Brown Trout



Burbot



Carp



Channel Catfish



Chinook Salmon
(aka King Salmon)



Coho Salmon



Creek Chub



Gizzard Shad



Lake Herring



Lake Trout



Largemouth Bass
(aka Green Bass)

Fish are not to scale.

Common Michigan Fish

(continued)



Northern Pike



Muskellunge
(aka Muskie)



Pumpkinseed*



Rainbow Trout



Rock Bass



Siscowet



Sheepshead
(aka Freshwater Drum)



Smallmouth Bass



Smelt



Sucker



Walleye



White Bass
(aka Silver Bass)



White Crappie



Whitefish



Yellow Perch

*Sunfish refers to a group of similarly-related species, including Bluegill, Warmouth, Redear Sunfish and Pumpkinseed. You will see guidelines for Sunfish throughout the *ESF Guides*.

If you need more help finding out what kind of fish you caught, please visit Michigan.gov/FishID or call your local DNR Operations Center.

Fish are not to scale.

Fish Eating Guidelines by County

The fish species listed on the following pages have been tested for chemicals by MDHHS.

The guidelines issued by MDHHS are based only on the amount of chemicals in the filet of the fish, the part that you would eat.

All fish listed here are not tested every year. Because the chemicals found in fish don't break down quickly, the amount of chemicals in the fish will not change that much from year to year and neither will the guidelines.

If you would like to review the data collected to support these guidelines, they are available at Michigan.gov/EatSafeFish. If you do not have access to the internet or have additional questions, we are available at 800-648-6942, Monday-Friday, 8 a.m. to 5 p.m.



Michigan.gov/EatSafeFish



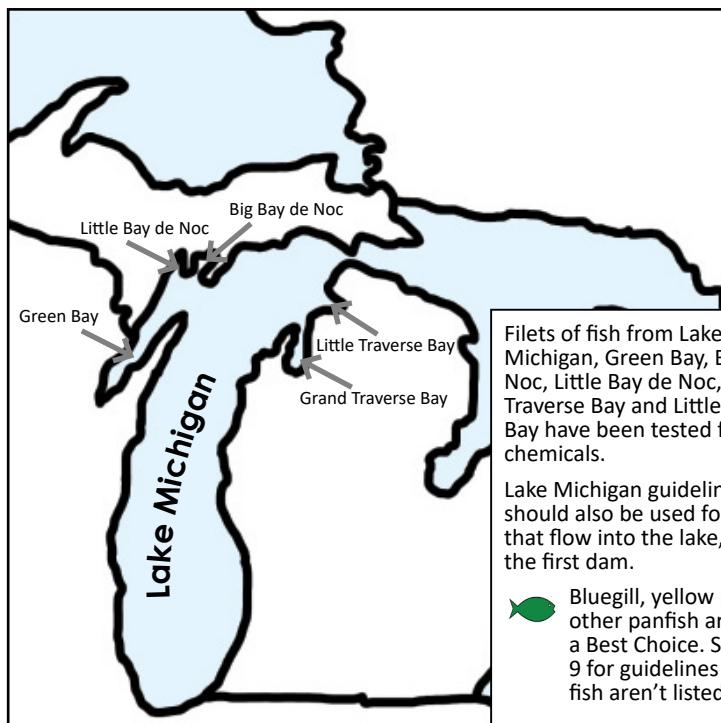
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**See page 115 for a list of all lakes and
rivers included in this booklet.**

Special thanks to the Michigan Department of Environment, Great Lakes, and Energy and the Michigan Department of Natural Resources for providing technical support for the development of the *Eat Safe Fish Guides*.

Lake Michigan



Filets of fish from Lake Michigan, Green Bay, Big Bay de Noc, Little Bay de Noc, Grand Traverse Bay and Little Traverse Bay have been tested for chemicals.

Lake Michigan guidelines should also be used for rivers that flow into the lake, up to the first dam.



Bluegill, yellow perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PCBs	Any	Limited [▲]
Burbot	PCBs	Any	1 ^{2x}
Carp	PCBs	Any	Do Not Eat [▲]
Chinook Salmon	PCBs	Any	6 Per Year ^{2x}
Coho Salmon	PCBs	Any	1 ^{2x}
Lake Herring	PCBs, PFOS	Any	2
Lake Trout	Dioxins	Under 24"	6 Per Year ^{2x}
Lake Trout	Dioxins	Over 24"	Limited [▲]
Lake Whitefish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	Mercury, PCBs	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1

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Lake Michigan (continued)

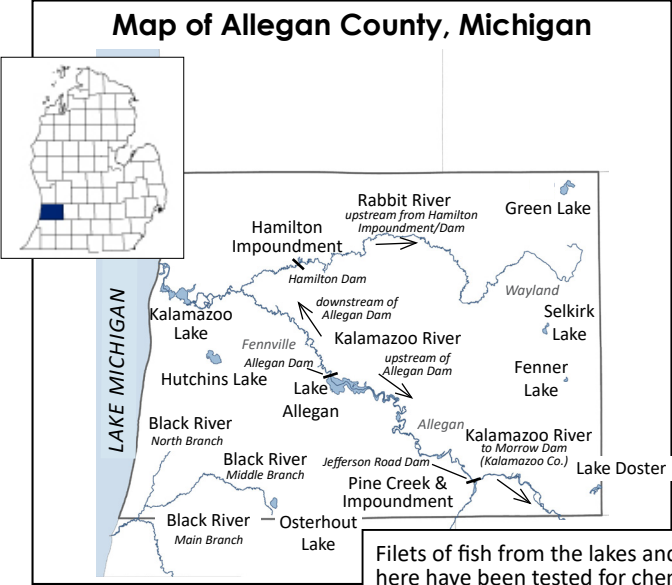
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rainbow Trout	PCBs	Any	1 ^{2x}
Smallmouth Bass	Mercury, PCBs	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Smelt	PFOS	Any	1
Steelhead	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	Mercury, PCBs, PFOS	Under 18"	2
Walleye	PCBs	18" to 22"	6 Per Year ^{2x}
Walleye	PCBs	Over 22"	Limited [▲]
Yellow Perch	PCBs	Under 10"	4 ^{2x}
Yellow Perch	Mercury, PCBs	Over 10"	4

Green Bay, Big Bay de Noc and Little Bay de Noc

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	Mercury, PCBs	Under 18"	2
Largemouth Bass	Mercury, PCBs	Over 18"	1
Northern Pike	Mercury	Any	1
Rock Bass 	Mercury	Any	8
Smallmouth Bass	Mercury, PCBs	Under 18"	2
Smallmouth Bass	Mercury, PCBs	Over 18"	1
Suckers	PCBs	Any	6 Per Year ^{2x}

Use the Lake Michigan guidelines for any fish species not listed above.

Allegan County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Black River

(including the North and Middle Branches, South Branch in Van Buren Co. and all tributaries)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	Mercury, PCBs	Under 16"	4
Suckers	Mercury	Over 16"	2

(Continued on the next page.)

Fenner Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 16"	2
Largemouth Bass	Mercury	Over 16"	1
Smallmouth Bass	Mercury	Under 16"	2
Smallmouth Bass	Mercury	Over 16"	1

Green Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Sunfish	PFOS	Any	4

Hutchins Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year

Kalamazoo Lake

(same guidelines as the Kalamazoo River downstream of Allegan Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	Do Not Eat [▲]
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	Do Not Eat [▲]
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Freshwater Drum	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]

(Continued on the next page.)

Allegan County (continued)

Kalamazoo Lake

(same guidelines as the Kalamazoo River downstream of Allegan Dam, continued from page 19)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rainbow Trout	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Steelhead	PCBs	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Limited [▲]
White Crappie	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PCBs	Any	Limited [▲]
All Other Species	PCBs	Any	Limited [▲]

Kalamazoo River

(upstream of Allegan Dam to Morrow Dam in Kalamazoo Co., including Lake Allegan)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Do Not Eat [▲]
Bluegill	PCBs, PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Do Not Eat [▲]
Sunfish	PCBs, PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Do Not Eat [▲]
White Crappie	PCBs	Any	Do Not Eat [▲]
All Other Species	PCBs	Any	Do Not Eat [▲]

(Continued on the next page.)

Kalamazoo River

(downstream of Allegan Dam, including Kalamazoo Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	Do Not Eat [▲]
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	Do Not Eat [▲]
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Freshwater Drum	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rainbow Trout	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Steelhead	PCBs	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Limited [▲]
White Crappie	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PCBs	Any	Limited [▲]
All Other Species	PCBs	Any	Limited [▲]

Lake Allegan

(same guidelines as the Kalamazoo River upstream of Allegan Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Do Not Eat [▲]
Bluegill	PCBs, PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]

(Continued on the next page.)

Lake Allegan

(continued from page 21)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Do Not Eat [▲]
Sunfish	PCBs, PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Do Not Eat [▲]
White Crappie	PCBs	Any	Do Not Eat [▲]
All Other Species	PCBs	Any	Do Not Eat [▲]

Lake Doster

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Sunfish	PFOS	Any	4

Osterhout Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

(Continued on the next page.)

Pine Creek and Impoundment

(upstream of Jefferson Road Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PCBs	Any	4 ^{2x}
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 17"	2
Largemouth Bass	Mercury	Over 17"	1
Smallmouth Bass	Mercury	Under 17"	2
Smallmouth Bass	Mercury	Over 17"	1
Sunfish	PCBs	Any	4 ^{2x}

Rabbit River

(upstream of Hamilton Dam, including the Hamilton Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Rock Bass	Mercury, PCBs	Any	4
Suckers	Mercury	Under 16"	4
Suckers	Mercury	Over 16"	2

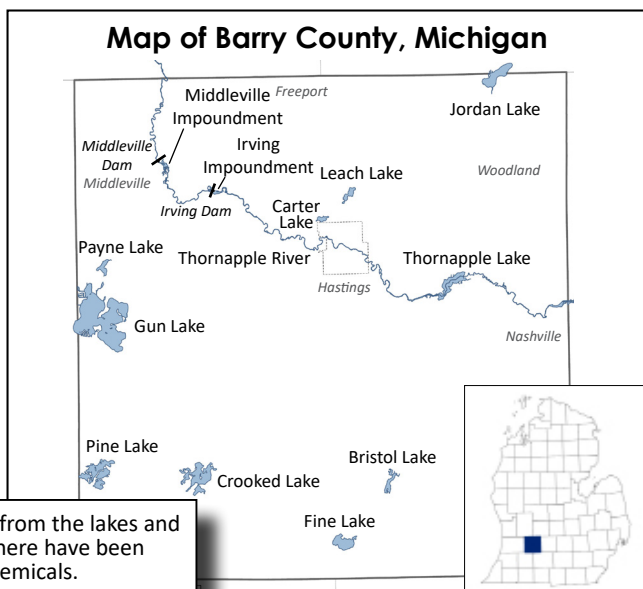
When fishing in the Rabbit River near the Kalamazoo River, please use the Kalamazoo River (downstream of Allegan Dam) guidelines on page 21.

Selkirk Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	1
Largemouth Bass	Mercury	Under 16"	2
Largemouth Bass	Mercury	Over 16"	1
Smallmouth Bass	Mercury	Under 16"	2
Smallmouth Bass	Mercury	Over 16"	1

See which fish are safe to eat from Lake Michigan on Page 16.

Barry County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bristol Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers 	Mercury	Any	8

Carter Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	16
Sunfish 	Mercury	Any	16

(Continued on the next page.)

Crooked Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	2

Fine Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1
Walleye	Mercury	Under 20"	4
Walleye	Mercury	Over 20"	2

Gun Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury, PFOS	Under 8"	8
Bluegill	Mercury	Over 8"	4
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish 	Mercury, PFOS	Under 8"	8
Sunfish	Mercury	Over 8"	4

Jordan Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

(Continued on the next page.)

Leach Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1
Sunfish 	Mercury	Any	8

Payne Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year

Pine Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	4
Black Crappie	Mercury	Over 9"	2
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
White Crappie	Mercury	Under 9"	4
White Crappie	Mercury	Over 9"	2

(Continued on the next page.)

Thornapple Lake

(same guidelines as the Thornapple River upstream of the Middleville Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury	Under 26"	2
Northern Pike	Mercury	Over 26"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Suckers	Mercury	Any	4
Sunfish	PFOS	Any	2

Thornapple River

(upstream of the Middleville Dam, which includes the Middleville Impoundment, the Irving Impoundment and Thornapple Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury	Under 26"	2
Northern Pike	Mercury	Over 26"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Suckers	Mercury	Any	4
Sunfish	PFOS	Any	2

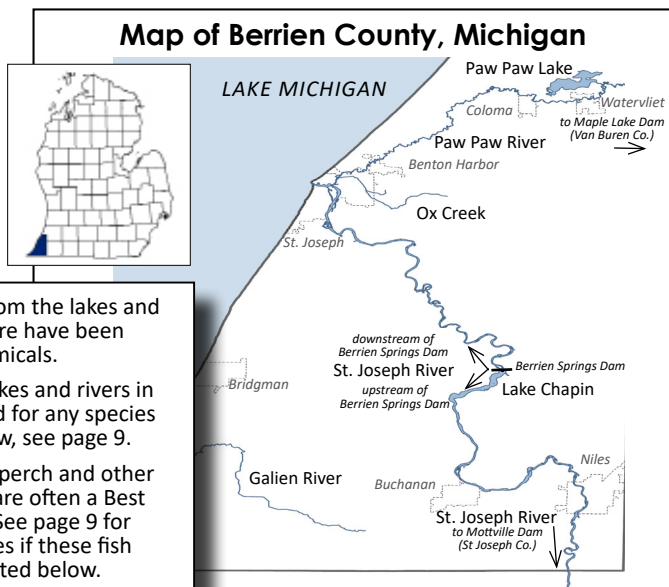
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Thornapple River

(downstream of the Middleville Dam, which includes the Ada Impoundment, the Cascade Impoundment and the LaBarge Impoundment in Kent Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	Mercury, PCBs	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	Mercury, PFOS	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	2

Berrien County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Galien River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	6 Per Year ^{2x}

When fishing the river near Lake Michigan, please use the lake guidelines on page 16.

Ox Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	6 Per Year

(Continued on the next page.)

Paw Paw Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Under 16"	1
Largemouth Bass	Mercury, PFOS	Over 16"	1
Smallmouth Bass	PFOS	Under 16"	1
Smallmouth Bass	Mercury, PFOS	Over 16"	1
Sunfish	PFOS	Any	6 Per Year

Paw Paw River - Main Branch

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs, PFOS	Under 18"	1
Largemouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Northern Pike	Mercury, PFOS	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PCBs, PFOS	Under 18"	1
Smallmouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Suckers	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Any	2 ^{2x}

(Continued on the next page.)

St. Joseph River

(between the Mottville Dam in St. Joseph Co. and the Berrien Springs Dam, including Lake Chapin)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PCBs, PFOS	Under 18"	1
Largemouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Smallmouth Bass	PCBs, PFOS	Under 18"	1
Smallmouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

St. Joseph River

(downstream of the Berrien Springs Dam, including the Paw Paw River's main branch, north branch and south branch downstream of Maple Lake Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs, PFOS	Under 18"	1
Largemouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Northern Pike	Mercury, PFOS	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PCBs, PFOS	Under 18"	1
Smallmouth Bass	Mercury, PCBs, PFOS	Over 18"	1

When fishing the river near Lake Michigan, please use the lake guidelines on page 16.

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St. Joseph River

(downstream of the Berrien Springs Dam, including the Paw Paw River's main branch, north branch and south branch downstream of Maple Lake Dam, continued from page 31)

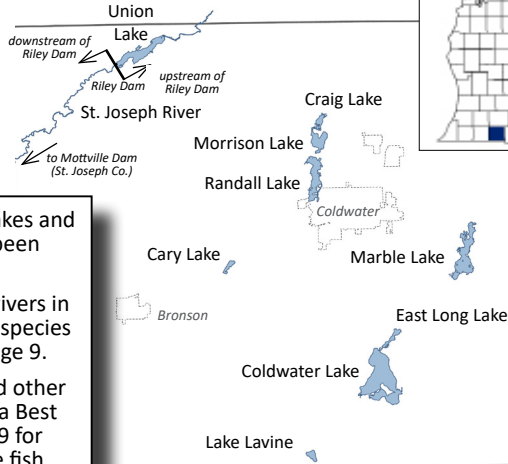
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Any	2 ^{2x}

When fishing the river near Lake Michigan, please use the lake guidelines on page 16.

See which fish are safe to eat from Lake Michigan on Page 16.

Branch County

Map of Branch County, Michigan



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Cary Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Suckers 	Mercury	Any	8

(Continued on the next page.)

Coldwater Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	Mercury	Any	2

East Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year

Lake Lavine

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Marble Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury, PFOS	Any	16
Sunfish 	Mercury, PFOS	Any	16

(Continued on the next page.)

Randall Lake Chain

(includes Morrison Lake, Randall Lake and Craig Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 10"	2
Black Crappie	Mercury	Over 10"	1
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Northern Pike	Mercury	Any	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
White Crappie	Mercury	Under 10"	2
White Crappie	Mercury	Over 10"	1

St. Joseph River

(upstream of Riley Dam, includes Union Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 24"	4
Carp	PCBs	Over 24"	1 ^{2x}
Catfish	PCBs	Any	4 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Walleye	Mercury	Under 20"	2
Walleye	Mercury	Over 20"	1

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St. Joseph River

(upstream of Mottville Dam to Riley Dam, including Sturgeon Lake, the Sturgis Impoundment, the Three Rivers Impoundment and the Constantine Impoundment in St. Joseph Co.)

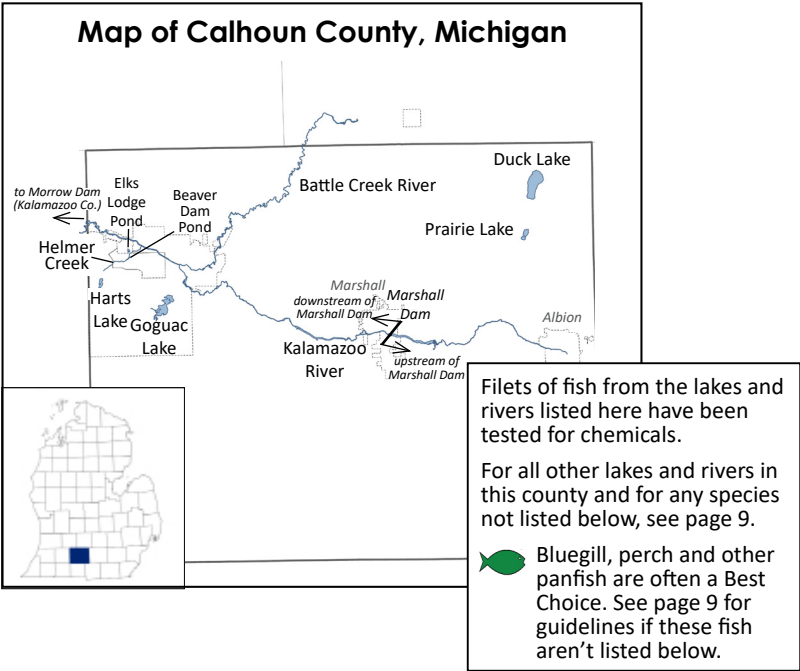
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Mercury	Any	4
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	4
Walleye	Mercury, PCBs	Under 20"	2
Walleye	Mercury	Over 20"	1

Union Lake

(same guidelines as the St. Joseph River upstream of the Riley Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 24"	4
Carp	PCBs	Over 24"	1 ^{2x}
Catfish	PCBs	Any	4 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Walleye	Mercury	Under 20"	2
Walleye	Mercury	Over 20"	1

Calhoun County



Battle Creek River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs	Under 18"	1 ^{2x}
Largemouth Bass	Mercury, PCBs	Over 18"	1
Smallmouth Bass	PCBs	Under 18"	1 ^{2x}
Smallmouth Bass	Mercury, PCBs	Over 18"	1

Beaver Dam Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Duck Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	12
Sunfish 	Mercury	Any	12
Yellow Perch	Mercury	Any	4

Elks Lodge Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4

Goguac Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury, PFOS	Any	2
Smallmouth Bass	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	4

Harts Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Sunfish	Mercury	Any	2

(Continued on the next page.)

Helmer Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

Kalamazoo River

(upstream of Marshall Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Any	4
Largemouth Bass	Mercury, PFOS	Under 18"	4
Largemouth Bass	Mercury	Over 18"	2
Rock Bass 	Mercury	Any	8
Smallmouth Bass	Mercury, PFOS	Under 18"	4
Smallmouth Bass	Mercury	Over 18"	2

Kalamazoo River

(upstream of Morrow Dam in Kalamazoo Co. to Marshall Dam.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	Dioxins	Any	6 Per Year ^{2x}
Catfish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	1

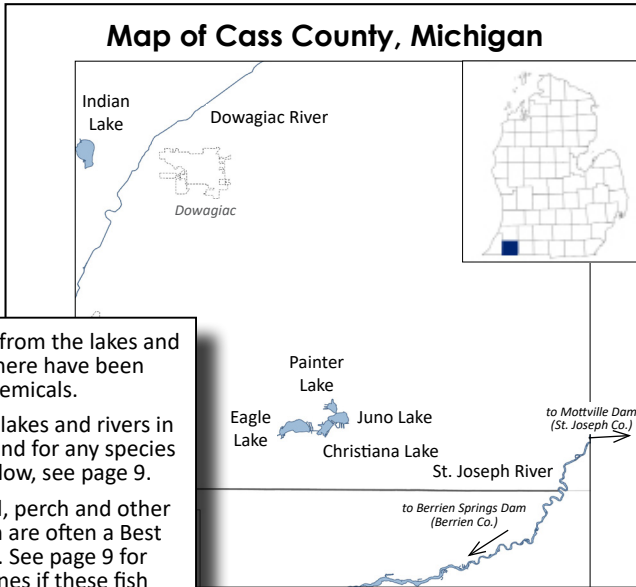
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Calhoun County (continued)

Prairie Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1

Cass County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Christiana Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Dowagiac River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}

Eagle Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

(Continued on the next page.)

Indian Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp 	Mercury	Any	16
Walleye	Mercury	Under 22"	2
Walleye	Mercury	Over 22"	1

Juno Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Painter Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

St. Joseph River

(between Mottville Dam in St. Joseph Co. and Berrien Springs Dam in Berrien Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PCBs, PFOS	Under 18"	1
Largemouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Smallmouth Bass	PCBs, PFOS	Under 18"	1
Smallmouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

Clinton County

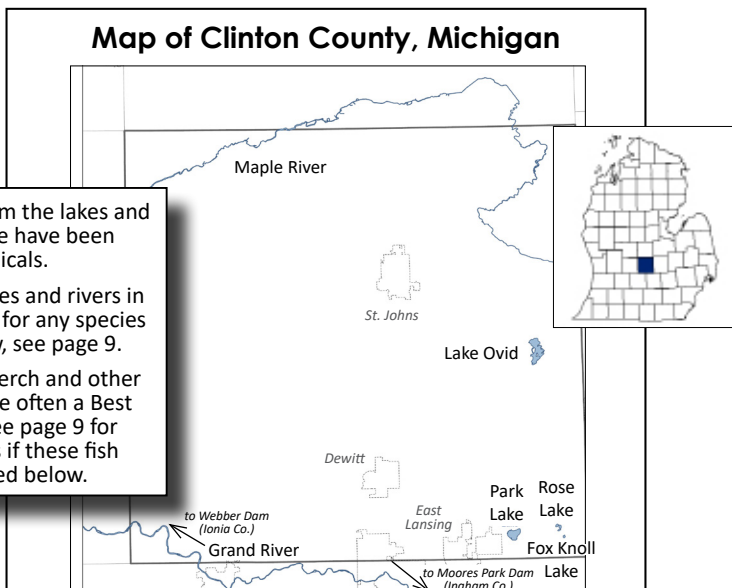
Map of Clinton County, Michigan

Files of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.



Fox Knoll Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam in Ionia Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	2
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	2

(Continued on the next page.)

Lake Ovid

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie 	Mercury, PFOS	Any	8
Bluegill 	Mercury, PFOS	Any	12
Bullhead 	Mercury	Any	8
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish 	Mercury, PFOS	Any	12
White Crappie 	Mercury, PFOS	Any	8

Maple River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	2

Park Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	12
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish 	Mercury	Any	12
Yellow Perch	Mercury	Any	4

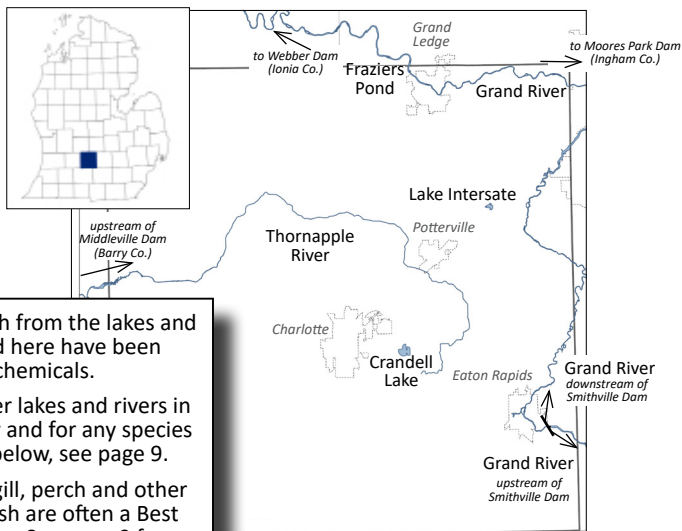
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Rose Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury, PFOS	Any	16
Black Crappie 	PFOS	Under 8"	8
Black Crappie	Mercury	Over 8"	4
Sunfish 	Mercury, PFOS	Any	16
White Crappie 	PFOS	Under 8"	8
White Crappie	Mercury	Over 8"	4

Eaton County

Map of Eaton County, Michigan



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Crandell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Any	6 Per Year
Smallmouth Bass	Mercury	Any	6 Per Year

Fraziers Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Sunfish	Mercury	Any	2

(Continued on the next page.)

Grand River

(upstream of Smithville Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	2
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	Mercury, PCBs	Over 20"	1

Grand River

(between Smithville Dam and Moores Park Dam in Ingham Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	1 ^{2x}
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury, PCBs	Under 30"	1
Northern Pike	Mercury, PCBs	Over 30"	6 Per Year

(Continued on the next page.)

Grand River

(between Smithville Dam and Moores Park Dam in Ingham Co., continued from page 47)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	Mercury, PFOS	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
Walleye	Mercury	Any	1

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam in Ionia Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	2
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	2

Lake Interstate

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4

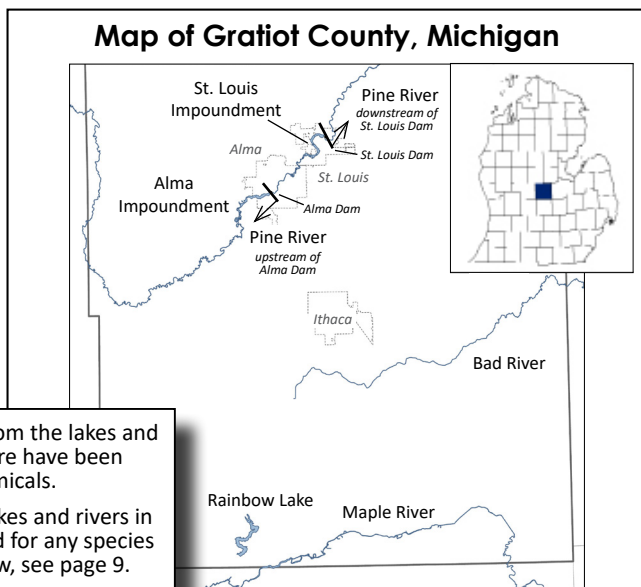
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Thornapple River

(upstream of Middleville Dam in Barry Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury	Under 26"	2
Northern Pike	Mercury	Over 26"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Suckers	Mercury	Any	4
Sunfish	PFOS	Any	2

Gratiot County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bad River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Catfish	PCBs	Under 18"	1 ^{2x}
Catfish	PCBs	Over 18"	6 Per Year ^{2x}
Northern Pike	Mercury, PCBs	Any	2

Maple River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	2

(Continued on the next page.)

Pine River

(upstream of Alma Dam, including the Alma Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Carp	PCBs	Any	6 Per Year ^{2x}
Catfish	Mercury	Under 26"	4
Catfish	Mercury	Over 26"	2
Largemouth Bass	Mercury	Under 17"	2
Largemouth Bass	Mercury	Over 17"	1
Rock Bass	Mercury	Under 10"	4
Rock Bass	Mercury	Over 10"	2
Smallmouth Bass	Mercury	Under 17"	2
Smallmouth Bass	Mercury	Over 17"	1
Suckers	Mercury	Any	4
Sunfish 	Mercury	Any	8

Pine River

(between Alma Dam and St. Louis Dam, including the St. Louis Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	DDT	Any	Do Not Eat [▲]
Bluegill	DDT	Any	Do Not Eat [▲]
Carp	Dioxins	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Do Not Eat [▲]
Largemouth Bass	DDT	Any	Do Not Eat [▲]
Northern Pike	DDT	Any	Do Not Eat [▲]
Rock Bass	DDT	Any	Do Not Eat [▲]
Smallmouth Bass	DDT	Any	Do Not Eat [▲]
Suckers	DDT	Any	Do Not Eat [▲]
Sunfish	DDT	Any	Do Not Eat [▲]

(Continued on the next page.)

Gratiot County (continued)

Pine River

(between Alma Dam and St. Louis Dam, continued from page 51)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
White Crappie	DDT	Any	Do Not Eat [▲]
All Other Species	DDT	Any	Do Not Eat [▲]

Pine River

(downstream of St. Louis Dam to the Chippewa River)

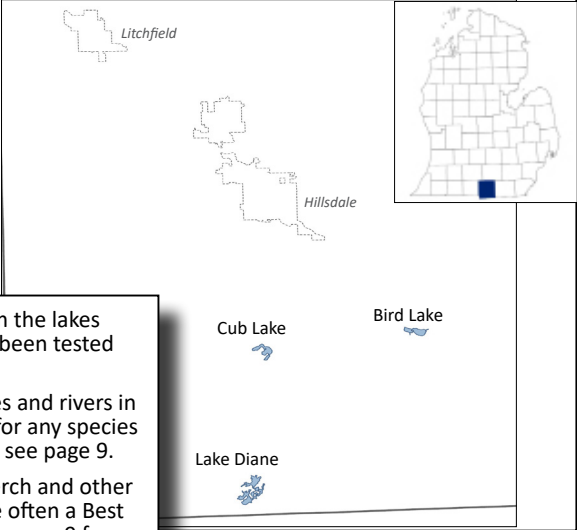
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	DDT	Any	Do Not Eat [▲]
Catfish	DDT	Any	Do Not Eat [▲]
Largemouth Bass	DDT	Any	Do Not Eat [▲]
Rock Bass	DDT	Any	Do Not Eat [▲]
Smallmouth Bass	DDT	Any	Do Not Eat [▲]
Suckers	DDT	Any	Do Not Eat [▲]
All Other Species	DDT	Any	Do Not Eat [▲]

Rainbow Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	PFOS	Any	12
Sunfish 	PFOS	Any	12

Hillsdale County

Map of Hillsdale County, Michigan



Filets of fish from the lakes listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bird Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4
Yellow Perch	Mercury	Any	4

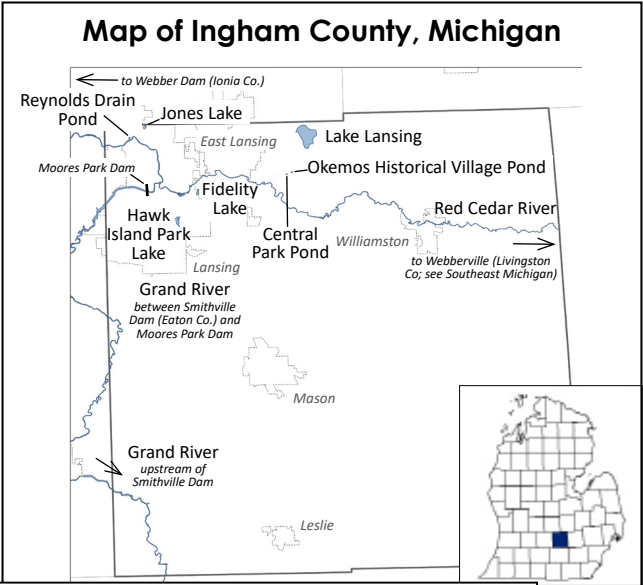
Cub Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Yellow Perch 	Mercury	Any	12

Lake Diane

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Catfish	Mercury	Any	4

Ingham County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Central Park Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Sunfish	PFOS	Any	1

Fidelity Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	2
Bluegill	PFOS	Any	2

(Continued on the next page.)

Fidelity Lake

(continued from page 54)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	2

Grand River

(upstream of Smithville Dam in Eaton Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	2
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	Mercury, PCBs	Over 20"	1

(Continued on the next page.)

Ingham County (continued)

Grand River

(between Smithville Dam in Eaton Co. and Moores Park Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	1 ^{2x}
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury, PCBs	Under 30"	1
Northern Pike	Mercury, PCBs	Over 30"	6 Per Year
Smallmouth Bass	Mercury, PFOS	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
Walleye	Mercury	Any	1

Grand River

(between Moores Park Dam and Webber Dam in Ionia Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	2
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	2

(Continued on the next page.)

Hawk Island Park Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	1
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	1

Jones Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]

Lake Lansing

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	4
Black Crappie	Mercury	Over 9"	2
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]
White Crappie	Mercury	Under 9"	4
White Crappie	Mercury	Over 9"	2

(Continued on the next page.)

Okemos Historical Village Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	Do Not Eat▲
White Crappie	PFOS	Any	Do Not Eat▲

Red Cedar River

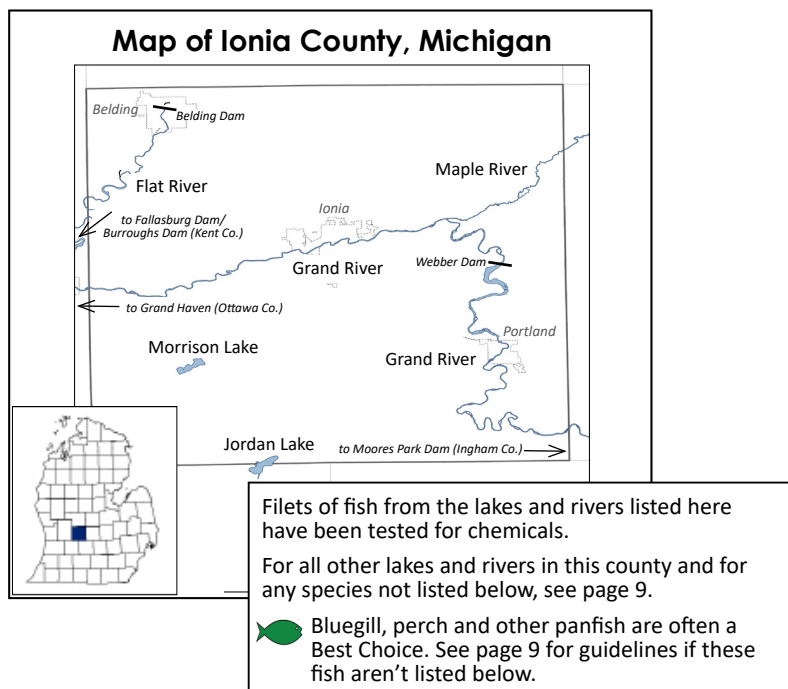
(between East Lansing and Webberville)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited▲
Largemouth Bass	Mercury, PCBs	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Northern Pike	Mercury, PCBs	Under 30"	4
Northern Pike	Mercury	Over 30"	2
Rock Bass	Mercury	Any	4
Smallmouth Bass	Mercury, PCBs	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

Reynolds Drain Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat▲
Sunfish	PFOS	Any	Do Not Eat▲

Ionia County



Flat River

(between Belding Dam and Fallsburg Dam/Burroughs Dam in Kent Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	2 ^{2x}
Sunfish	PFOS	Any	1

(Continued on the next page.)

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	2
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	2

Grand River

(between Webber Dam and Grand Haven in Ottawa Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Northern Pike	PCBs	Under 30"	2 ^{2x}
Northern Pike	Mercury, PCBs	Over 30"	2
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	1
Walleye	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Jordan Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

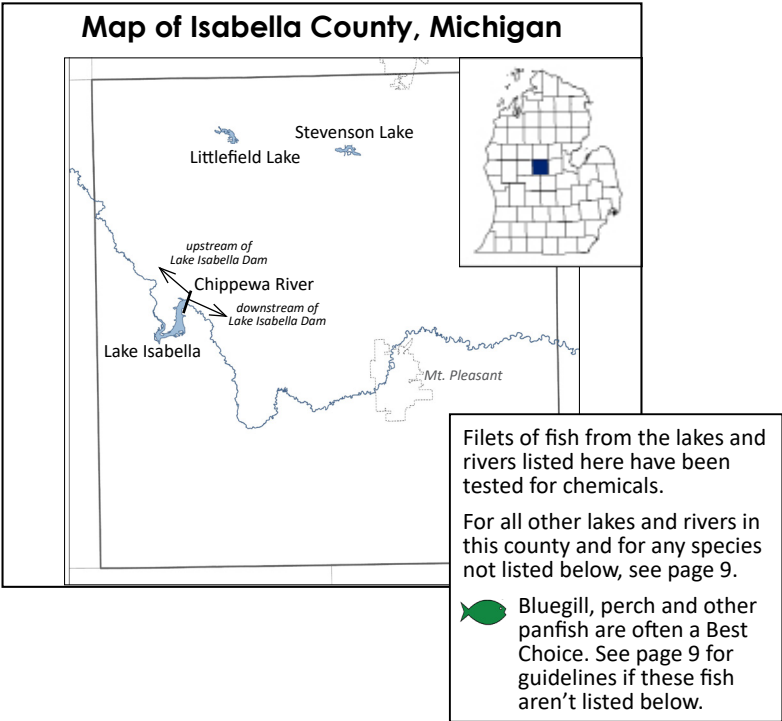
Maple River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	2

Morrison Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	4
Bluegill 	PFOS	Any	12
Carp 	Mercury	Any	16
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Suckers 	PCBs	Any	12 ^{2x}
Sunfish 	PFOS	Any	12
Walleye	Mercury	Any	4
White Crappie	PFOS	Any	4
Yellow Perch 	PFOS	Any	16

Isabella County



Chippewa River

(upstream of Lake Isabella Dam, including Lake Isabella)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Under 8"	4
Rock Bass	Mercury	Over 8"	2
Suckers	Mercury	Under 13"	4
Suckers	Mercury	Over 13"	2

(Continued on the next page.)

Chippewa River

(downstream of Lake Isabella Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Limited [▲]
Rock Bass	Mercury, PFOS	Under 8"	4
Rock Bass	Mercury	Over 8"	2
Suckers	Mercury	Under 13"	4
Suckers	Mercury	Over 13"	2

Littlefield Lake

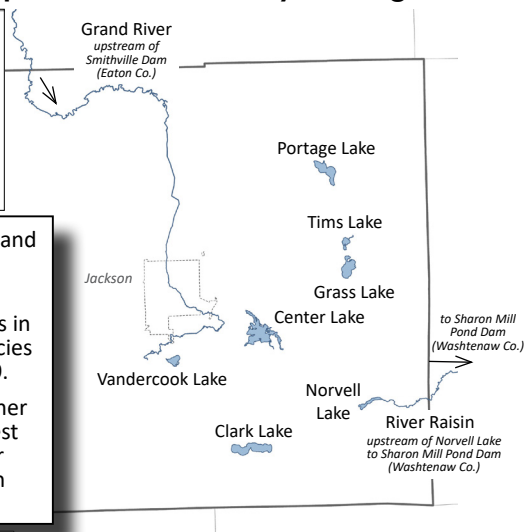
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Stevenson Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	2
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Jackson County

Map of Jackson County, Michigan



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Center Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Clark Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
Rock Bass	Mercury	Any	4
White Crappie	Mercury	Any	4

Grand River

(upstream of Smithville Dam in Eaton Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]

(Continued on the next page.)

Jackson County (continued)

Grand River

(upstream of Smithville Dam in Eaton Co., continued from page 64)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	2
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	Mercury, PCBs	Over 20"	1

Grass Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1

Norvell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 22"	4
Carp	PCBs	Over 22"	2 ^{2x}

Portage Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 10"	4
Black Crappie	Mercury	Over 10"	2
Northern Pike	Mercury	Under 30"	1

(Continued on the next page.)

Jackson County (continued)

Portage Lake

(continued from page 65)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Over 30"	6 Per Year
White Crappie	Mercury	Under 10"	4
White Crappie	Mercury	Over 10"	2

River Raisin

(downstream of Norvell Lake to the Sharon Mill Pond Dam in Washtenaw Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass 	Mercury, PFOS	Any	8

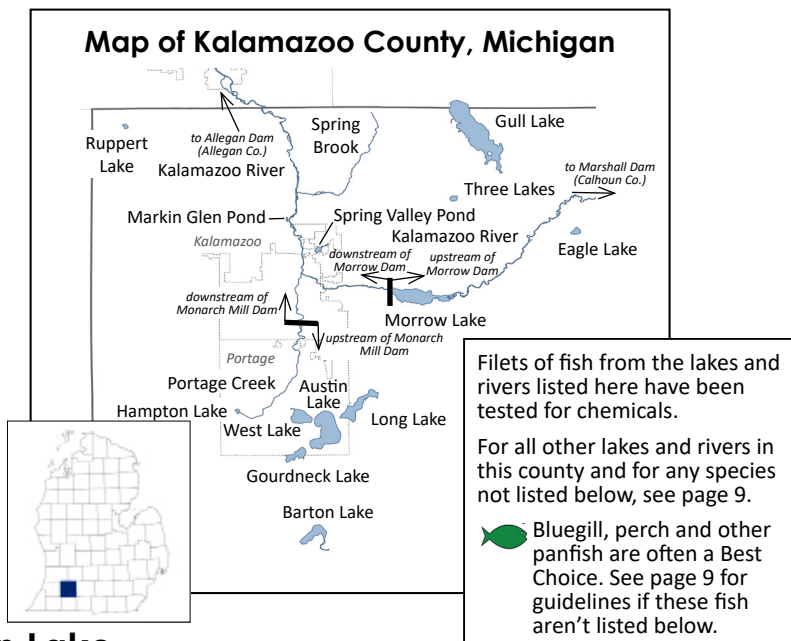
Tims Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	1
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury, PFOS	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	1

Vandercook Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	4
Carp	Mercury	Any	2
Sunfish	Mercury, PFOS	Any	4
Yellow Perch	PFOS	Any	4

Kalamazoo County



Austin Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Bullhead 	Mercury	Under 10"	8
Bullhead	Mercury	Over 10"	4
Carp 	Mercury, PCBs	Under 30"	16
Carp 	PCBs	30 to 34"	8 ^{2x}
Carp	PCBs	Over 34"	2 ^{2x}
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

(Continued on the next page.)

Kalamazoo County (continued)

Barton Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Northern Pike	Mercury	Any	6 Per Year

Eagle Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Yellow Perch	Mercury	Any	2

Gourdneck Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Gull Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Largemouth Bass	Mercury	Any	1
Northern Pike	Mercury	Any	1
Rock Bass 	Mercury	Any	8
Smallmouth Bass	Mercury	Any	1
Smelt	PFOS	Any	2
Sunfish 	Mercury	Any	8

(Continued on the next page.)

Kalamazoo County (continued)

Kalamazoo River

(downstream of Morrow Dam to Allegan Dam in Allegan Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Do Not Eat [▲]
Bluegill	PCBs, PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Do Not Eat [▲]
Sunfish	PCBs, PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Do Not Eat [▲]
White Crappie	PCBs	Any	Do Not Eat [▲]
All Other Species	PCBs	Any	Do Not Eat [▲]

Kalamazoo River

(upstream of Morrow Dam to Marshall Dam in Calhoun Co., includes Morrow Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	Dioxins	Any	6 Per Year ^{2x}
Catfish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	1

(Continued on the next page.)

Kalamazoo County (continued)

Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	2
Bullhead 	None	Any	16 ^{2x}
White Crappie	Mercury	Any	2

Markin Glen Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Sunfish	PFOS	Any	1

Morrow Lake

(same guidelines as the Kalamazoo River on page 69 - between Marshall Dam and Morrow Dam in Calhoun Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	Dioxins	Any	6 Per Year ^{2x}
Catfish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	1

(Continued on the next page.)

Kalamazoo County (continued)

Portage Creek

(downstream of Monarch Mill Dam, including Bryant Millpond)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	PCBs	Any	6 Per Year ^{2x}
All Other Species	PCBs	Any	Do Not Eat [▲]

Portage Creek

(upstream of Monarch Mill Dam, including Monarch Millpond and Hampton Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}

Ruppert Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Spring Brook

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	2

(Continued on the next page.)

Kalamazoo County (continued)

Spring Valley Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	4

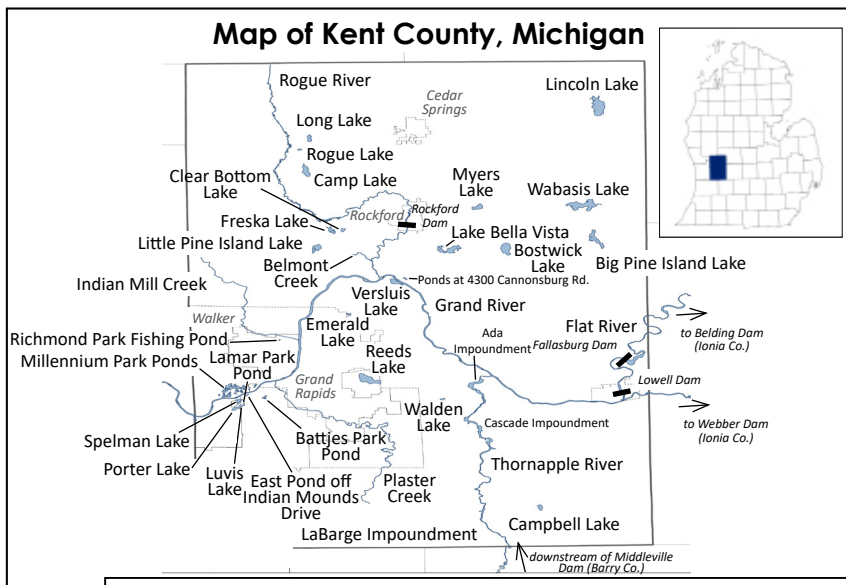
Three Lakes

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1
Sunfish	Mercury	Any	2

West Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	Do Not Eat [▲]

Kent County



Battjes Park Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	Do Not Eat [▲]
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
White Crappie	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Belmont Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brook Trout 	PFOS	Under 9"	8
Brook Trout 	Mercury, PFOS	Over 9"	8

Big Pine Island Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury, PFOS	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	4

Bostwick Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	12
Largemouth Bass	Mercury, PFOS	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish 	Mercury	Any	12

(Continued on the next page.)

Camp Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead 	DDT, Mercury, PCBs	Any	8
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

Campbell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Clear Bottom Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	PFOS	Any	8
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish 	PFOS	Any	8

East Pond off Indian Mounds Drive

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Emerald Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Yellow Perch	PFOS	Any	4

Flat River

(between Belding Dam in Ionia Co. and Fallasburg Dam/Burroughs Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	2 ^{2x}
Sunfish	PFOS	Any	1

Flat River

(between Fallasburg Dam/Burroughs Dam and Lowell Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Rock Bass	PFOS	Any	2
Smallmouth Bass	Mercury, PFOS	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Suckers 	Mercury	Any	8
Sunfish	PFOS	Any	1

(Continued on the next page.)

Freska Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Under 18"	1
Largemouth Bass	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
Smallmouth Bass	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]

Grand River

(between Webber Dam in Ionia Co. and Grand Haven in Ottawa Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Northern Pike	PCBs	Under 30"	2 ^{2x}
Northern Pike	Mercury, PCBs	Over 30"	2
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	1
Walleye	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Indian Mill Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]
Rainbow Trout	PFOS	Any	Do Not Eat [▲]

Lake Bella Vista

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Yellow Perch 	Mercury	Any	16

Lamar Park Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1

Lincoln Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	4
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Rock Bass	Mercury	Any	4
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	Mercury, PFOS	Any	4
Walleye	Mercury	Under 18"	1
Walleye	Mercury	Over 18"	6 Per Year

(Continued on the next page.)

Little Pine Island Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	2
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	2

Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

Luvis Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Millennium Park Ponds

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Sunfish	PFOS	Any	1

(Continued on the next page.)

Myers Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	2
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	4
White Crappie	PFOS	Any	2

Plaster Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	PFOS	Any	Do Not Eat [▲]

Ponds at 4300 Cannonsburg Rd., Belmont

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

Porter Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Reeds Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	DDT, Mercury, PCBs	Under 18"	2
Largemouth Bass	DDT, Mercury, PCBs	Over 18"	1
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury, PCBs	Over 30"	1
Smallmouth Bass	DDT, Mercury, PCBs	Under 18"	2
Smallmouth Bass	DDT, Mercury, PCBs	Over 18"	1
Walleye	DDT, Mercury, PCBs	Under 26"	1
Walleye	DDT, PCBs	Over 26"	1 ^{2x}

Richmond Park Fishing Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Sunfish	PFOS	Any	4

Rogue Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4

Rogue River

(upstream of Rockford Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Rogue River

(upstream of Rockford Dam, continued from page 81)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PFOS	Any	6 Per Year

Rogue River

(downstream of Rockford Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]
Crayfish 	Mercury, PFOS	Any	8
Rock Bass	PFOS	Any	6 Per Year

Spelman Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Thornapple River

(downstream of Middleville Dam in Barry Co., includes the Ada Impoundment, the Cascade Impoundment and the LaBarge Impoundments)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	Mercury, PCBs	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1

(Continued on the next page.)

Thornapple River

(downstream of Middleville Dam in Barry Co., includes the Ada Impoundment, the Cascade Impoundment and the LaBarge Impoundments, continued from page 82)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	Mercury, PFOS	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	2

Versluis Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	6 Per Year
Walleye	Mercury	Under 20"	2
Walleye	Mercury	Over 20"	1

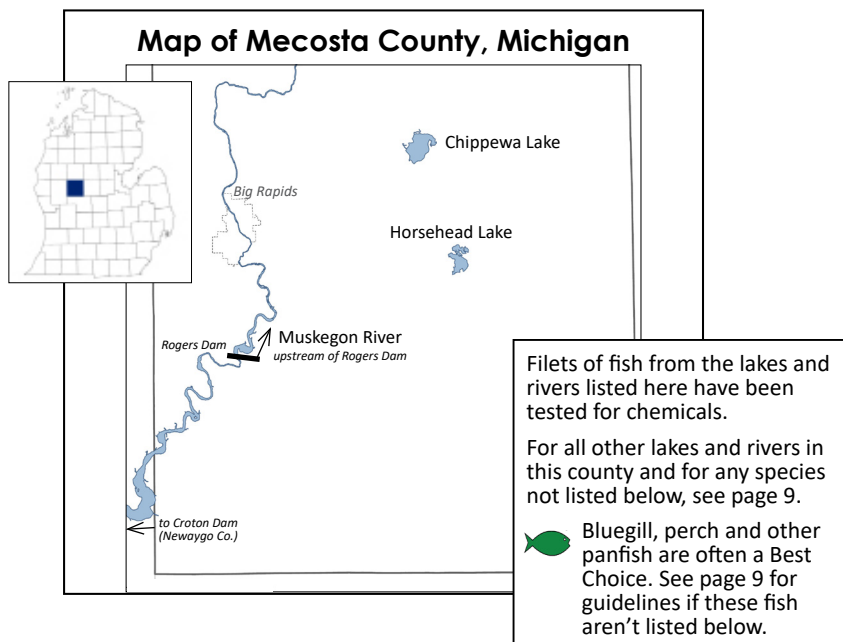
Wabasis Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Walden Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

Mecosta County



Chippewa Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	16
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	Mercury	Any	16

Horsehead Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

(Continued on the next page.)

Muskegon River

(upstream from Croton Dam in Newaygo Co. to Rogers Dam)

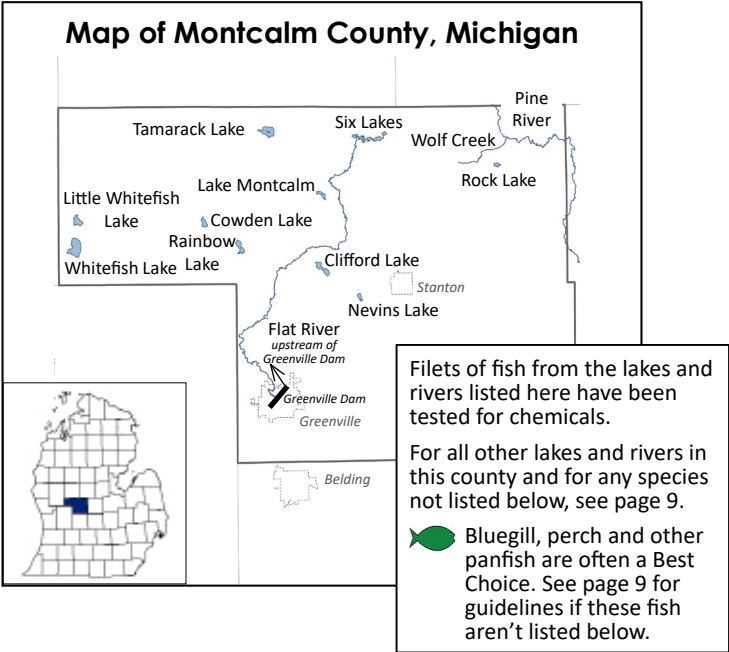
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Rock Bass	Mercury	Under 9"	4
Rock Bass	Mercury	Over 9"	2
Suckers	Mercury, PCBs	Under 18"	4
Suckers	Mercury	Over 18"	2
Walleye	Mercury	Any	1
Yellow Perch	Mercury	Any	4

Muskegon River

(upstream of Rogers Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Mercury	Any	2
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	4

Montcalm County



Clifford Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Cowden Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	16
Sunfish	Mercury	Any	16

(Continued on the next page.)

Montcalm County (continued)

Flat River

(upstream of Greenville Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Any	4
Suckers 	Mercury	Under 12"	12
Suckers 	Mercury	Over 12"	8

Lake Montcalm

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1

Little Whitefish Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Nevins Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

(Continued on the next page.)

Montcalm County (continued)

Pine River

(upstream of Alma Dam, including the Alma Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Carp	PCBs	Any	6 Per Year ^{2x}
Catfish	Mercury	Under 26"	4
Catfish	Mercury	Over 26"	2
Largemouth Bass	Mercury	Under 17"	2
Largemouth Bass	Mercury	Over 17"	1
Rock Bass	Mercury	Under 10"	4
Rock Bass	Mercury	Over 10"	2
Smallmouth Bass	Mercury	Under 17"	2
Smallmouth Bass	Mercury	Over 17"	1
Suckers	Mercury	Any	4
Sunfish 	Mercury	Any	8

Rainbow Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 32"	6 Per Year
Northern Pike	Mercury	Over 32"	Do Not Eat [▲]

Rock Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Walleye	Mercury	Under 20"	2
Walleye	Mercury	Over 20"	1

(Continued on the next page.)

Montcalm County (continued)

Six Lakes

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year

Tamarack Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury, PFOS	Any	12
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish 	Mercury, PFOS	Any	12

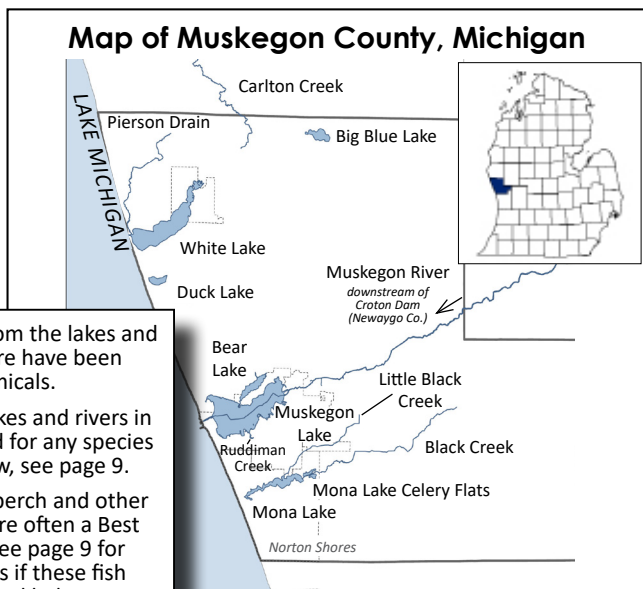
Whitefish Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Rock Bass	Mercury	Any	4
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	4

Wolf Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Any	2
Suckers 	Mercury	Any	8

Muskegon County



Bear Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Do Not Eat [▲]
Lake Herring	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	1
Northern Pike	Mercury, PCBs	Any	2
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2
Walleye	Mercury	Under 18"	4
Walleye	PCBs	18" to 22"	6 Per Year ^{2x}
Walleye	PCBs	Over 22"	Limited [▲]
Yellow Perch	PFOS	Any	1
All Other Species	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Big Blue Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 16"	2
Largemouth Bass	Mercury	Over 16"	1
Smallmouth Bass	Mercury	Under 16"	2
Smallmouth Bass	Mercury	Over 16"	1

Black Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	PCBs	Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Carlton Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brook Trout	PFOS	Any	6 Per Year

Duck Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Sunfish 	Mercury	Any	8
Yellow Perch	PFOS	Any	4

(Continued on the next page.)

Muskegon County (continued)

Little Black Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	PCBs	Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Mona Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	PCBs	Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Mona Lake Celery Flats

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Mona Lake Celery Flats

(continued from page 92)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
Walleye	PCBs	Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Muskegon Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Do Not Eat [▲]
Lake Herring	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	1
Northern Pike	Mercury, PCBs	Any	2
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2
Walleye	Mercury	Under 18"	4
Walleye	PCBs	18" to 22"	6 Per Year ^{2x}
Walleye	PCBs	Over 22"	Limited [▲]
Yellow Perch	PFOS	Any	1
All Other Species	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Muskegon River

(downstream from Croton Dam in Newaygo Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury	Any	2
Walleye	PCBs	Any	6 Per Year ^{2x}

Pierson Drain

(including Sadony Bayou)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]

Ruddiman Creek

(upstream of the Lakeshore Drive Dam, including Ruddiman Creek Lagoon)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

White Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury, PCBs	Any	2

(Continued on the next page.)

Muskegon County (continued)

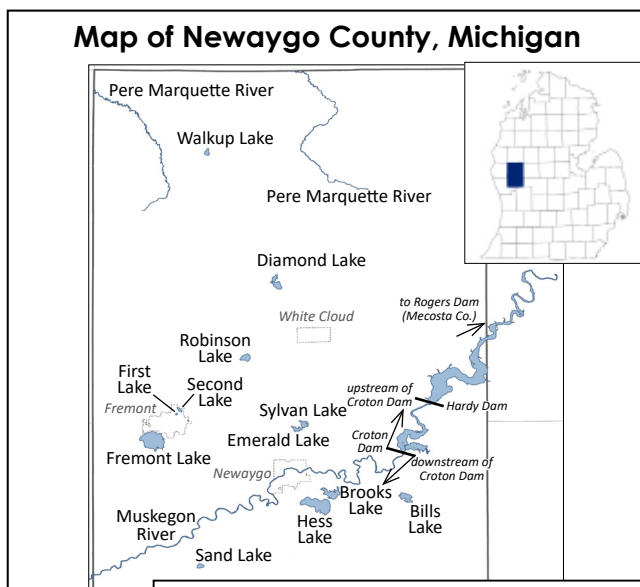
White Lake

(continued from page 94)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Suckers	Mercury	Any	2
Sunfish 	Mercury	Any	8
Walleye	PCBs	Any	6 Per Year ^{2x}

See which fish are safe to eat from Lake Michigan on Page 16.

Newaygo County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bills Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	8
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year
Sunfish 	Mercury	Any	8

(Continued on the next page.)

Newaygo County (continued)

Brooks Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
White Crappie	Mercury	Any	4

Diamond Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

Emerald Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 26"	2
Northern Pike	Mercury	Over 26"	1

First Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Under 8"	4
Bluegill	Mercury	Over 8"	2
Sunfish	Mercury	Under 8"	4
Sunfish	Mercury	Over 8"	2

Fremont Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year

(Continued on the next page.)

Newaygo County (continued)

Fremont Lake

(continued from page 97)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Hess Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	2 ^{2x}
Largemouth Bass	Mercury	Under 18"	4
Largemouth Bass	Mercury	18" to 20"	2
Largemouth Bass	Mercury	Over 20"	1
Smallmouth Bass	Mercury	Under 18"	4
Smallmouth Bass	Mercury	18" to 20"	2
Smallmouth Bass	Mercury	Over 20"	1

Muskegon River

(downstream from Croton Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury	Any	2
Walleye	PCBs	Any	6 Per Year ^{2x}

Muskegon River

(upstream from Croton Dam to Rogers Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Rock Bass	Mercury	Under 9"	4
Rock Bass	Mercury	Over 9"	2

(Continued on the next page.)

Muskegon River

(upstream from Croton Dam to Rogers Dam, continued from page 98)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury, PCBs	Under 18"	4
Suckers	Mercury	Over 18"	2
Walleye	Mercury	Any	1
Yellow Perch	Mercury	Any	4

Pere Marquette River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	1 ^{2x}
Northern Pike	Mercury, PCBs	Under 30"	2
Northern Pike	PCBs	Over 30"	6 Per Year ^{2x}
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	Mercury, PCBs	Under 18"	4
Suckers	PCBs	Over 18"	6 Per Year ^{2x}
Sunfish	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PFOS	Any	Do Not Eat [▲]

Robinson Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1

(Continued on the next page.)

Newaygo County (continued)

Sand Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie 	Mercury	Under 9"	16
Black Crappie	Mercury	Over 9"	4
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1
White Crappie 	Mercury	Under 9"	16
White Crappie	Mercury	Over 9"	4

Second Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Under 8"	4
Bluegill	Mercury	Over 8"	2
Sunfish	Mercury	Under 8"	4
Sunfish	Mercury	Over 8"	2

Sylvan Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

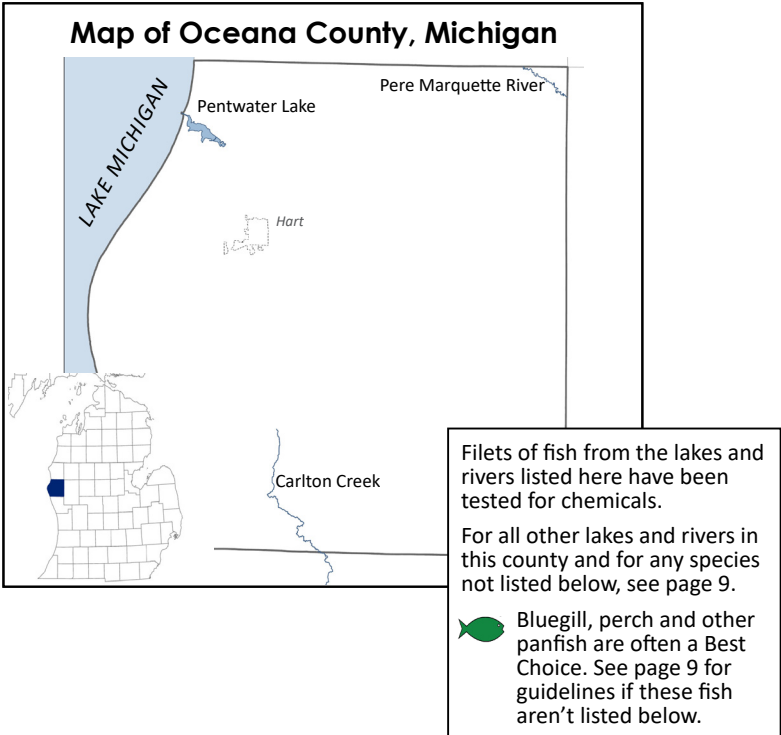
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Newaygo County (continued)

Walkup Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill 	Mercury	Any	16
Sunfish 	Mercury	Any	16

Oceana County



Carlton Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brook Trout	PFOS	Any	6 Per Year

Pentwater Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	2

When fishing the river near Lake Michigan, please use the lake guidelines on page 16.

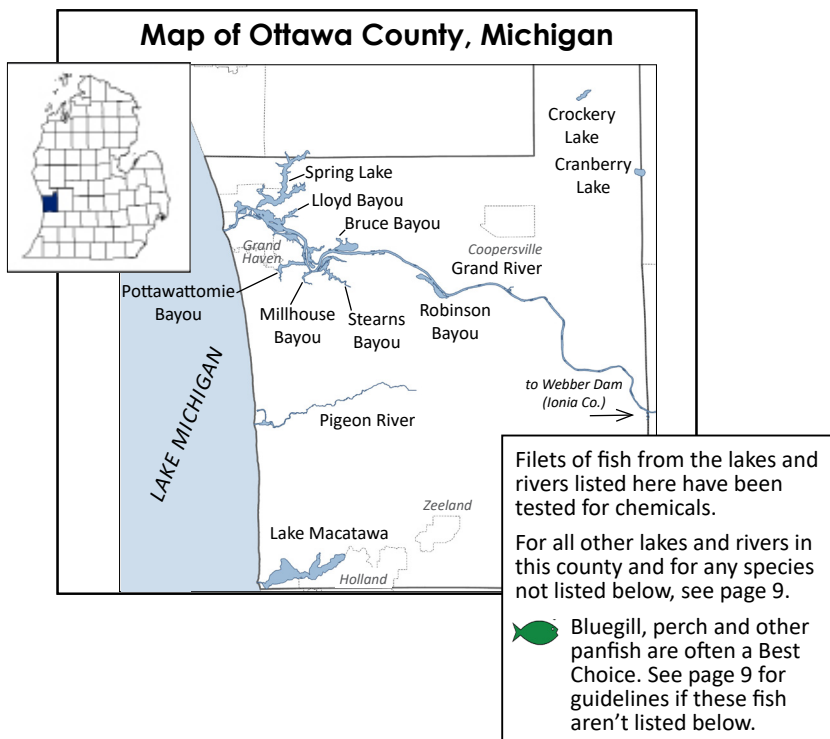
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Pere Marquette River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	1 ^{2x}
Northern Pike	Mercury, PCBs	Under 30"	2
Northern Pike	PCBs	Over 30"	6 Per Year ^{2x}
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	Mercury, PCBs	Under 18"	4
Suckers	PCBs	Over 18"	6 Per Year ^{2x}
Sunfish	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PFOS	Any	Do Not Eat [▲]

See which fish are safe to eat from Lake Michigan on Page 16.

Ottawa County



Cranberry Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury, PFOS	Any	16
Bluegill	PFOS	Any	16
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	16
White Crappie	Mercury, PFOS	Any	16

(Continued on the next page.)

Crockery Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Grand River

(between Webber Dam in Ionia Co. and Grand Haven, including Bruce Bayou, Llyod Bayou, Millhouse Bayou, Pottawattomie Bayou, Robinson Bayou, Spring Lake and Stearns Bayou)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Northern Pike	PCBs	Under 30"	2 ^{2x}
Northern Pike	Mercury, PCBs	Over 30"	2
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	1
Walleye	PCBs	Any	6 Per Year ^{2x}

When fishing the river near Lake Michigan, please use the lake guidelines on page 16.

(Continued on the next page.)

Lake Macatawa

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Do Not Eat [▲]
Freshwater Drum	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Any	Limited [▲]
Yellow Perch	PFOS	Any	1

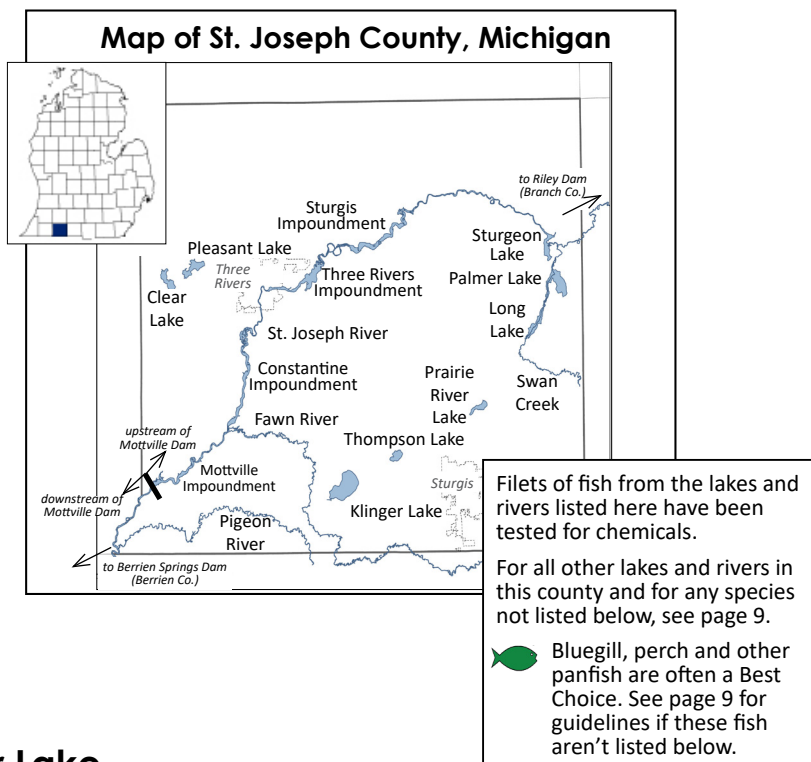
Pigeon River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers 	Mercury	Under 15"	8
Suckers	Mercury	Over 15"	4

When fishing the river near Lake Michigan, please use the lake guidelines on page 16.

See which fish are safe to eat from Lake Michigan on Page 16.

St. Joseph County



Clear Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 28"	2
Northern Pike	Mercury	Over 28"	1

Fawn River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	4
Largemouth Bass	Mercury	Under 16"	2
Largemouth Bass	Mercury	Over 16"	1
Rock Bass 	Mercury	Under 7"	12
Rock Bass	Mercury	Over 7"	4

(Continued on the next page.)

St. Joseph County (continued)

Fawn River

(continued from page 107)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	Mercury	Under 16"	2
Smallmouth Bass	Mercury	Over 16"	1
Suckers 	Mercury	Any	12

Klinger Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1

Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Bullhead	Mercury, PCBs	Any	4
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2

(Continued on the next page.)

Palmer Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Bullhead	Mercury, PCBs	Any	4
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2

Pigeon River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Suckers	Mercury, PCBs, PFOS	Any	2

Pleasant Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

(Continued on the next page.)

St. Joseph County (continued)

Prairie River Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

St. Joseph River

(upstream of Mottville Dam to Riley Dam in Branch Co., including Sturgeon Lake, the the Mottville Impoundment, the Sturgis Impoundment, the Three Rivers Impoundment and the Constantine Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Mercury	Any	4
Largemouth Bass	Mercury	Under 18"	2
Largemouth Bass	Mercury	Over 18"	1
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Smallmouth Bass	Mercury	Under 18"	2
Smallmouth Bass	Mercury	Over 18"	1
Sunfish	PFOS	Any	4
Walleye	Mercury, PCBs	Under 20"	2
Walleye	Mercury	Over 20"	1

(Continued on the next page.)

St. Joseph County (continued)

St. Joseph River

(downstream of Mottville Dam to Berrien Springs Dam in Berrien Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PCBs, PFOS	Under 18"	1
Largemouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Smallmouth Bass	PCBs, PFOS	Under 18"	1
Smallmouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

Swan Creek

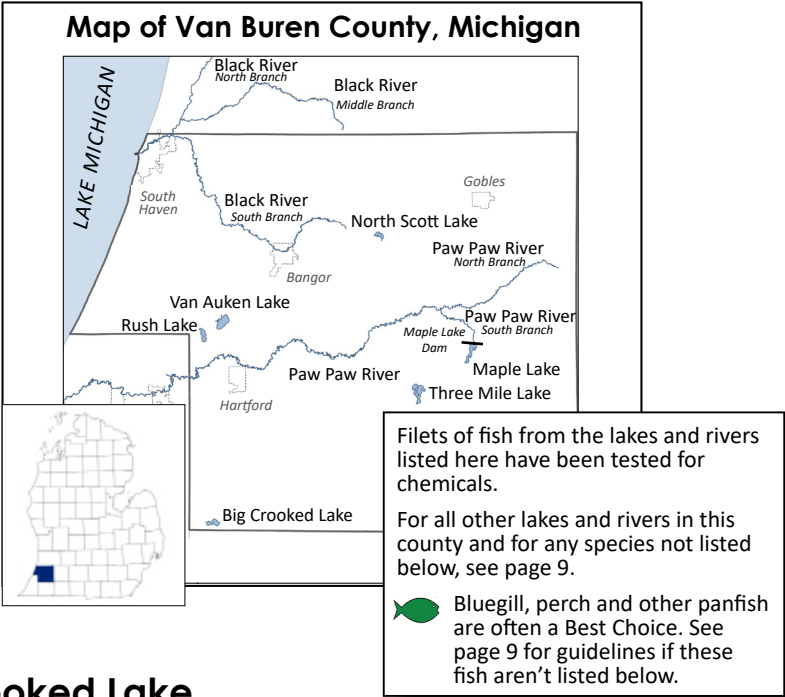
(including Long Lake and Palmer Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Bullhead	Mercury, PCBs	Any	4
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2

Thompson Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead 	Mercury	Any	16
Largemouth Bass	Mercury	Under 18"	1
Largemouth Bass	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
Smallmouth Bass	Mercury	Over 18"	6 Per Year

Van Buren County



Big Crooked Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	4
Largemouth Bass	Mercury	Over 18"	2
Smallmouth Bass	Mercury	Under 18"	4
Smallmouth Bass	Mercury	Over 18"	2

Black River

(including South Branch, North and Middle Branches in Allegan Co. and all tributaries)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	Mercury, PCBs	Under 16"	4
Suckers	Mercury	Over 16"	2

(Continued on the next page.)

Van Buren County (continued)

Maple Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp 	Mercury	Under 20"	8
Carp	PCBs	20" to 26"	1 ^{2x}
Carp	PCBs	Over 26"	6 Per Year ^{2x}
Largemouth Bass	Mercury	Under 18"	4
Largemouth Bass	Mercury	Over 18"	2
Smallmouth Bass	Mercury	Under 18"	4
Smallmouth Bass	Mercury	Over 18"	2

North Scott Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	6 Per Year

Paw Paw River

(main branch, north branch and south branch downstream of the Maple Lake Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs, PFOS	Under 18"	1
Largemouth Bass	Mercury, PCBs, PFOS	Over 18"	1
Northern Pike	Mercury, PFOS	Under 30"	2
Northern Pike	Mercury	Over 30"	1
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PCBs, PFOS	Under 18"	1
Smallmouth Bass	Mercury, PCBs, PFOS	Over 18"	1

(Continued on the next page.)

Van Buren County (continued)

Paw Paw River

(main branch, north branch and south branch downstream of the Maple Lake Dam, continued from page 113)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Any	2 ^{2x}

Rush Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
Northern Pike	Mercury	Over 30"	6 Per Year

Three Mile Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1

Van Auken Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	2
Northern Pike	Mercury	Over 30"	1

Southwest Michigan Lakes and Rivers

Don't see a certain lake or river listed?

For the guidelines to all other lakes and rivers in Southwest Michigan, please see page 9. To get an *ESF Guide* for another region, visit Michigan.gov/EatSafeFish or call 800-648-6942.

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What Are the Chemicals of Concern?

The chemicals that cause Michigan’s Eat Safe Fish guidelines are DDT, dioxins, mercury, PCBs, PFOS, selenium and toxaphene. Many of these chemicals were put into the environment, by accident or on purpose, before we knew the long-term health and environmental problems they can cause.

These chemicals can travel through the air, and they can be carried by rain run-off and storm drains into our lakes, rivers and wetlands. Once in the water, the chemicals sink to the bottom and become a part of the fish food chain. Some of these chemicals can stay in the environment, in the fish and in the human body for a long time.

Efforts to reduce pollution under the U.S. Clean Water Act and U.S. Clean Air Act have cut the levels of these chemicals in the environment. In fact, the amount of DDT, dioxins, PCBs and toxaphene in our fish are slowly going down. However, mercury continues to be a worldwide problem and contaminants of emerging concern, like PFOS, are being monitored in fish.

Chemical of Concern	What is it?	Potential Health Problems
DDT (dichlorodiphenyl-trichloroethane)	• Was one of the first modern insecticides. • Was banned in 1972.	• Linked to the development of cancer. • Linked to the development of diabetes.
Dioxins	• Are not made on purpose. • Are created when chlorine chemicals are made or used. • Can be released when things that have chlorine in them, like paper or plastic, are burned. • Also can be released from old or poorly contained waste sites or intentional dumping.	• Linked to the development of cancer. • Fertility can be harmed. • Thyroid function can be harmed.

(Continued on the next page.)

Chemicals of Concern (continued from page 121)

Chemical of Concern	What is it?	Potential Health Problems
Mercury	• Is a natural element. • Can be released from smokestacks of coal-fired power plants and other industry.	• Brain development can be harmed in fetuses and children. • Heart function can be harmed in older adults. • Immune system can be harmed.
PCBs (polychlorinated biphenyls)	• Were used in electrical equipment, like transformers. • Were found in hydraulic oils.	• Brain development can be harmed in fetuses and children. • Linked to the development of cancer. • Linked to the development of diabetes. • Immune system can be harmed.
PFOS (perfluorooctane sulfonate)	• Is used for waterproofing clothes, in fire-fighting foams, papers and packaging, cleaning products and pesticides. • Is now rarely used in the United States.	• Fertility can be harmed. • Immune system can be harmed. • Linked to high cholesterol. • Linked to low birth weight. • Linked to pre-eclampsia in pregnant people. • Liver function can be harmed. • Thyroid function can be harmed.
Selenium	• Is a natural element. • Is needed for your body to function, but too much is harmful. • Is in lakes and rivers due to mining activities.	• Hair loss. • Loss of fingernails. • Fatigue. • Irritability. • Mild nerve damage.

(Continued on the next page.)

Chemicals of Concern (continued from page 122)

Chemical of Concern	What is it?	Potential Health Problems
Toxaphene	• Was an insecticide for cotton and vegetables and on livestock and poultry. • Was sometimes added to lakes to kill unwanted fish. • Was banned in 1990.	• Immune system can be harmed.

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Other Regional Eat Safe Fish Guides

Call 800-648-6942 or visit
Michigan.gov/EatSafeFish
to get a free copy of the
Eat Safe Fish Guides
for other regions in Michigan.

