

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.



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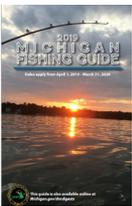
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About the Guide

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 DNR Fishing Laws



You should get a copy of the *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 Michigan Department of Natural Resources (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 Michigan Department of Health and Human Services at 800-648-6942 or visit Michigan.gov/EatSafeFish.



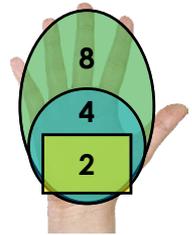
*Choosing Safer Fish

The guidelines in the *ESF Guide* are set to be safe for everyone. **This includes children, people who are pregnant or breastfeedings 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're 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 3Cs



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 can't 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 can 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.

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 meals 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 *Eat Safe Fish Guide*.

OR

- Your lake or river is listed in the *Eat Safe Fish 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
		Over 18"	1
Muskellunge	Mercury	Any Size	1
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Rock Bass	Mercury	Any Size	4
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
 Suckers	Mercury	Any Size	8
 Sunfish	Mercury	Any Size	8
Walleye	Mercury	Under 20"	2
		Over 20"	1
White Crappie	Mercury	Any Size	4
Yellow Perch	Mercury	Any Size	4

These guidelines are based on the typical amount of chemicals found in fish filets tested from around the state. Some fish may be higher or lower. If any of these fish are listed in the guidelines for the lake or river you are fishing in, use **those** guidelines instead of statewide guidelines. The *MI Servings* recommendation will be more exact for that lake or river because those filets have been tested.

* See page 6

^{2x} See page 8

FAQs

How often is the Eat Safe Fish Guide (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 a lot of Michigan fish, 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 — men, women and children — 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
(aka Sunfish)



Rainbow Trout



Rock Bass



Siscowet



Sheepshead
(aka Freshwater Drum)



Smallmouth Bass



Smelt



Sucker



Walleye



White Bass
(aka Silver Bass)



White Crappie



Whitefish



Yellow Perch

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 the Michigan Department of Health and Human Services (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

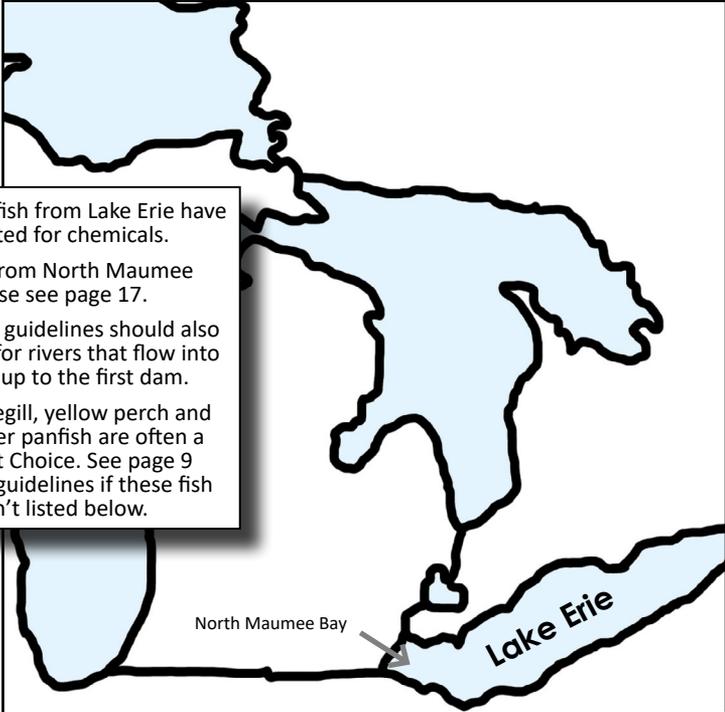
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See page 102 for a list of all lakes and rivers included in this booklet.

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 Erie



Filets of fish from Lake Erie have been tested for chemicals.

For fish from North Maumee Bay, please see page 17.

Lake Erie 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*
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins, PCBs	Any	Limited [▲]
Chinook Salmon	PCBs	Any	Limited [▲]
Coho Salmon	PCBs	Any	Limited [▲]
Freshwater Drum	PCBs	Any	Limited [▲]
Lake Whitefish	PCBs	Under 16"	6 Per Year ^{2x}
		Over 16"	Limited [▲]
Largemouth Bass	PCBs	Any	Limited [▲]
Rainbow Trout	PCBs	Any	Limited [▲]
Smallmouth Bass	PCBs	Any	Limited [▲]
Steelhead	PCBs	Any	Limited [▲]

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Lake Erie (continued)

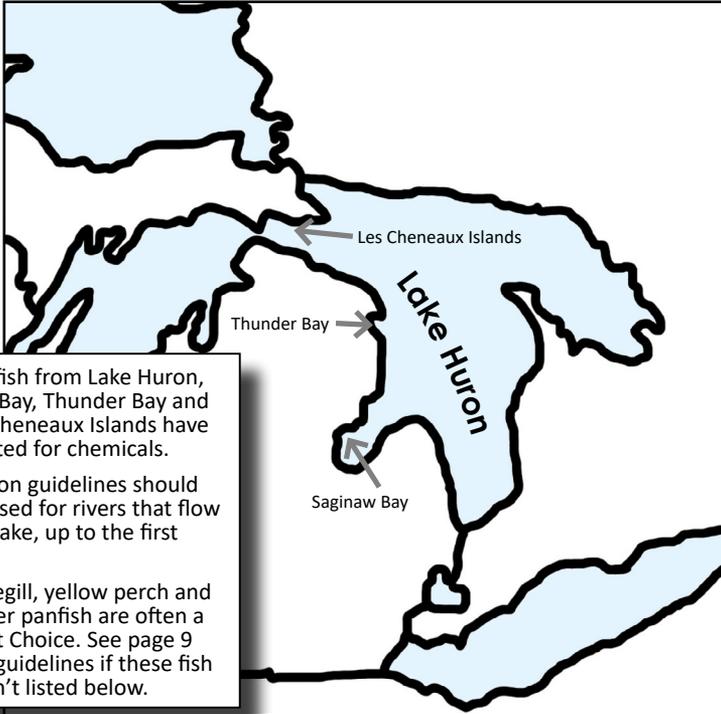
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Walleye	Dioxins, PCBs, PFOS	Any	6 Per Year
White (Silver) Bass	PCBs	Any	Limited [▲]
White Perch	PCBs	Any	Limited [▲]
Yellow Perch	PCBs	Any	2 ^{2x}

North Maumee Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PCBs	Any	Limited [▲]

Use the Lake Erie guidelines on page 16 for any fish species not listed above.

Lake Huron



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Atlantic Salmon	Dioxins	Any	2 ^{2x}
Brown Trout	PCBs	Any	6 Per Year ^{2x}
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Limited [▲]
Chinook Salmon	PCBs	Any	6 Per Year ^{2x}
Coho Salmon	PCBs	Any	6 Per Year ^{2x}
Freshwater Drum	Mercury	Any	1
Lake Herring	PFOS	Any	2
Lake Trout	Dioxins, PCBs	Under 20"	1 ^{2x}
	PCBs	20" to 24"	6 Per Year ^{2x}
		Over 24"	Limited [▲]

(Continued on the next page.)

Lake Huron (continued)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Lake Whitefish	Dioxins	Any	6 Per Year ^{2x}
Northern Pike	PCBs	Any	1 ^{2x}
Rainbow Trout	PFOS	Any	1
Smelt	PFOS	Any	2
Steelhead	PFOS	Any	1
Suckers	PCBs	Any	2 ^{2x}
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Limited [▲]
White Perch	PCBs	Any	6 Per Year ^{2x}
Yellow Perch	Dioxins	Any	2 ^{2x}

Les Cheneaux Island Area and Thunder Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
 Bluegill	Mercury	Any	12
Carp	Dioxins, PCBs	Any	Limited [▲]
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
 Rock Bass	Mercury	Under 8"	8
		Over 8"	4
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
 Sunfish	Mercury	Any	12
Yellow Perch	Dioxins	Any	2 ^{2x}

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

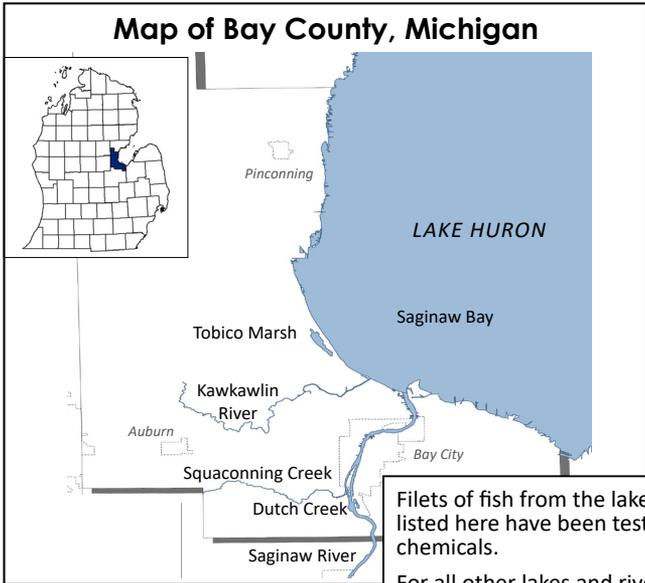
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Saginaw Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Limited [▲]
Freshwater Drum	Mercury	Any	1
Lake Trout	Dioxins, PCBs	Under 20"	1 ^{2x}
	PCBs	20" to 24"	6 Per Year ^{2x}
		Over 24"	Limited [▲]
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Do Not Eat [▲]
Yellow Perch	Dioxins	Any	2 ^{2x}
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

Use the Lake Huron guidelines on page 18 for any fish species not listed above.

Bay County



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

Dutch Creek

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 [▲]
Yellow Perch	PFOS	Any	Do Not Eat [▲]

When fishing the river near Saginaw River, use the Saginaw River guidelines on page 22

Kawkawlin River

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

When fishing the river near Saginaw River, use the Saginaw River guidelines on page 22

(Continued on the next page.)

Saginaw Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Limited [▲]
Freshwater Drum	Mercury	Any	1
Lake Trout	Dioxins, PCBs	Under 20"	1 ^{2x}
	PCBs	20" to 24"	6 Per Year ^{2x}
		Over 24"	Limited [▲]
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Do Not Eat [▲]
Yellow Perch	Dioxins	Any	2 ^{2x}
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

Use the Lake Huron guidelines on page 18 for any fish species not listed above.

Saginaw River

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

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Squaconning Creek

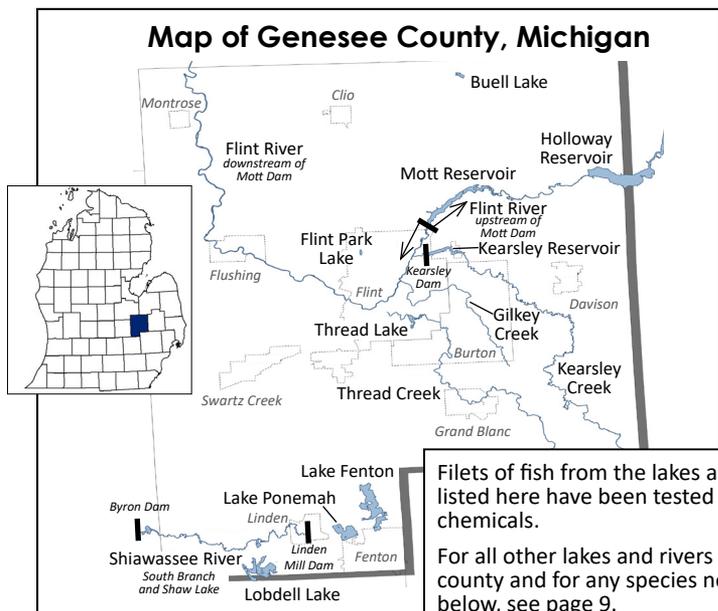
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PFOS	Any	Do Not Eat [▲]

Tobico Marsh

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	4
		Over 30"	2

See which fish are safe to eat from Lake Huron on Page 18.

Genesee County



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

Buell Lake

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

Flint Park Lake

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

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Genesee County (continued)

Flint River

(upstream of Mott Dam, including the Mott Reservoir, Holloway Reservoir and the North and South Branches of the Flint River in Lapeer Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
Bluegill	PFOS	Any	2
Carp	PFOS	Any	1
Catfish	PFOS	Any	1
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	2
Walleye	PFOS	Any	6 Per Year
White Crappie	Mercury	Any	4
Yellow Perch	PFOS	Any	6 Per Year

Flint River

(downstream of Mott Dam, including Gilkey Creek)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PFOS	Any	Do Not Eat [▲]
Creek Chub	PFOS	Any	1
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs, PFOS	Any	2

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Holloway Reservoir

(same as Flint River, upstream of Mott Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
Bluegill	PFOS	Any	2
Carp	PFOS	Any	1
Catfish	PFOS	Any	1
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	2
Walleye	PFOS	Any	6 Per Year
White Crappie	Mercury	Any	4
Yellow Perch	PFOS	Any	6 Per Year

Kearsley Creek & Reservoir



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



Lake Fenton

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

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Genesee County (continued)

Lake Ponemah

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

Lobdell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Under 24"	2 ^{2x}
		Over 24"	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Mott Reservoir

(same as Flint River, upstream of Mott Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
Bluegill	PFOS	Any	2
Carp	PFOS	Any	1
Catfish	PFOS	Any	1
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Genesee County (continued)

Mott Reservoir

(same as Flint River, upstream of Mott Dam, continued from page 27)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	2
Walleye	PFOS	Any	6 Per Year
White Crappie	Mercury	Any	4
Yellow Perch	PFOS	Any	6 Per Year

Shiawassee River

(Linden Mill Dam to Byron Dam)

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 [▲]

Shiawassee River - South Branch

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

Thread Creek

(upstream of Thread Lake Dam, including Thread 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
Carp	PCBs	Any	6 Per Year ^{2x}
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	1

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

Saginaw Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Limited [▲]
Freshwater Drum	Mercury	Any	1
Lake Trout	Dioxins, PCBs	Under 20"	1 ^{2x}
	PCBs	20" to 24"	6 Per Year ^{2x}
		Over 24"	Limited [▲]
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Do Not Eat [▲]
Yellow Perch	Dioxins	Any	2 ^{2x}
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

Use the Lake Huron guidelines on page 18 for any fish species not listed above.

(Continued on the next page.)

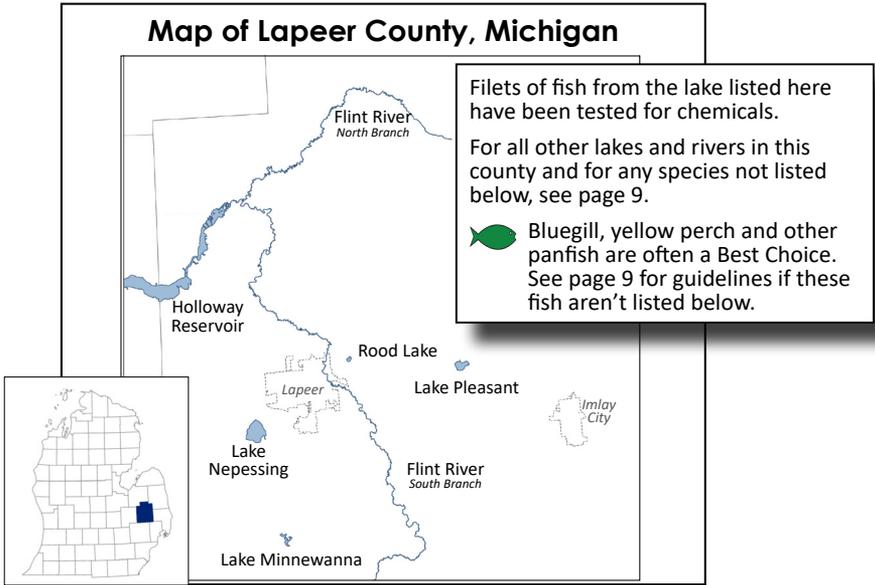
Sebewaing River

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

When fishing the river near Saginaw Bay, use the Saginaw Bay guidelines above.

See which fish are safe to eat from Lake Huron on Page 18.

Lapeer County



Flint River

(upstream of Mott Dam, including the Mott Reservoir, and Holloway Reservoir in Genesee Co. and the North and South Branches of the Flint River)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
Bluegill	PFOS	Any	2
Carp	PFOS	Any	1
Catfish	PFOS	Any	1
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	2
Walleye	PFOS	Any	6 Per Year
White Crappie	Mercury	Any	4
Yellow Perch	PFOS	Any	6 Per Year

(Continued on the next page.)

Lake Minnewanna

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

Lake Nepessing



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 32"	8
		Over 32"	2
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

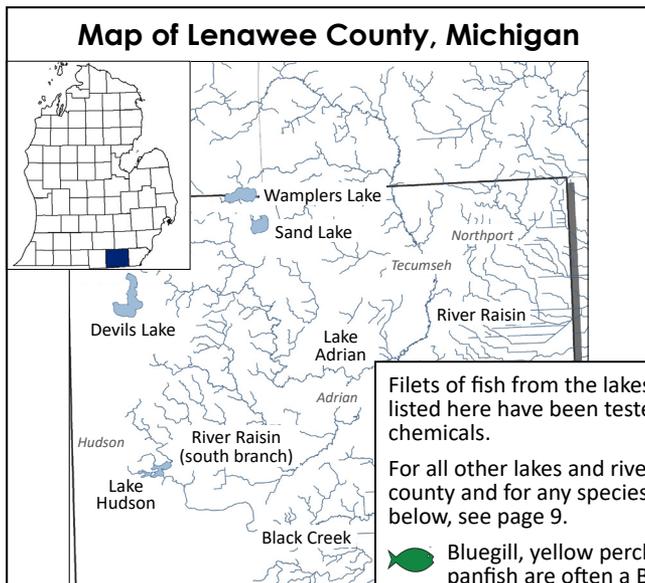
Lake Pleasant

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 [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	6 Per Year

Rood Lake

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

Lenawee County



Black Creek

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

Devils Lake

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

(Continued on the next page.)

Lenawee County (continued)

Lake Adrian

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

Lake Hudson

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

River Raisin - Main Branch

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

(see Monroe Co., page 58, for guidelines downstream of Dundee Dam)

River Raisin - South Branch

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	Mercury	Under 13"	1
		Over 13"	6 Per Year

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Lenawee County (continued)

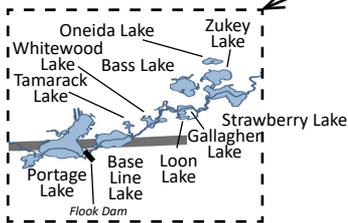
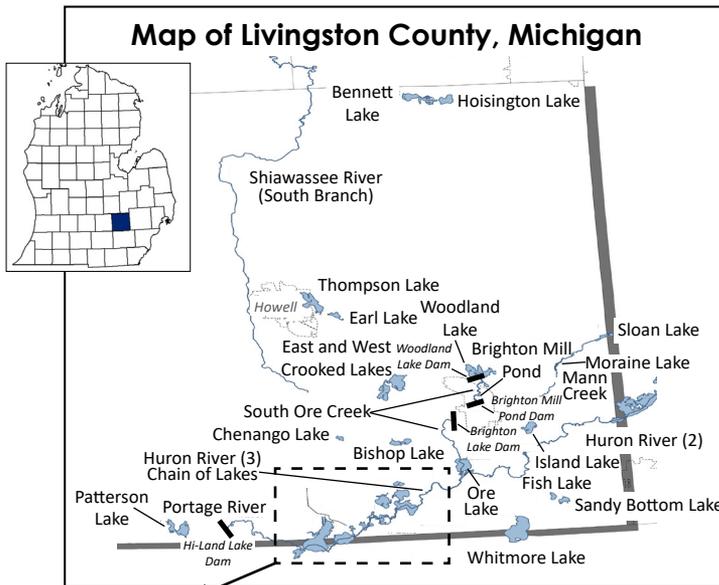
Sand Lake

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

Wampplers Lake

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

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

Base Line Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Livingston County (continued)

Bass Lake

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

Bennett Lake

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

Bishop Lake

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

(Continued on the next page.)

Brighton Mill Pond



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	1
Bluegill	PFOS	Any	4
Bullhead	None	Any	16 ^{2x}
Sunfish	PFOS	Any	4
White Crappie	PFOS	Any	1

Chenango Lake

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

Earl Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	1

East and West Crooked Lakes



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Under 7"	8
		Over 7"	4
Largemouth Bass	Mercury	Under 16"	6 Per Year
		Over 16"	Do Not Eat [▲]

(Continued on the next page.)

East and West Crooked Lakes

(continued from page 38)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	6 Per Year
		Over 30"	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 16"	6 Per Year
		Over 16"	Do Not Eat [▲]
Sunfish	Mercury	Under 7"	8
		Over 7"	4

Fish Lake

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

Gallagher Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Hoisington Lake



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

Huron River (2)

(downstream of N Wixom Rd in Oakland County to where the rivers crosses US-23 in Green Oak Township)

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

Huron River (3) Chain of Lakes

(Huron River from where the river crosses US-23 in Green Oak Township to the Flook Dam, including Base Line Lake, Tamarack Lake, Whitewood Lakes, Gallagher Lake, Loon Lake, Strawberry Lake, Zukey Lake and Oneida Lake)

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Island Lake

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

Loon Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Moraine Lake

(Moraine Lake Sam to Sloan Lake/General Motors Dam, including Mann Creek))

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
Sunfish	PFOS	Any	4
White Crappie	PFOS	Any	2

(Continued on the next page.)

Livingston County (continued)

Patterson Lake

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

Portage Lake

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 [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
Walleye	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Portage River

(Flood Dam to the Hi-Land Lake Dam, including Portage Lake and Little Portage Lake)

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 [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
Walleye	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Oneida Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Ore Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Sandy Bottom Lake

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

Shiawassee River - South Branch

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

(Continued on the next page.)

Sloan Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	16
Northern Pike	Mercury	Under 32"	2
		Over 32"	1
Sunfish	Mercury	Any	16



South Ore Creek

(downstream of Brighton Lake Dam, including Ore Lake)

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

South Ore Creek

(Woodland Lake Dam to Brighton Mill Pond Dam, including the Brighton Mill Pond)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	1
Bluegill	PFOS	Any	4
Bullhead	None	Any	16 ^{2x}
Sunfish	PFOS	Any	4
White Crappie	PFOS	Any	1

(Continued on the next page.)

Strawberry Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Tamarack Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Thompson Lake

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

(Continued on the next page.)

Whitewood Lakes

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Whitmore Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	PCBs	Any	2 ^{2x}
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Sunfish	PFOS	Any	4

Woodland Lake

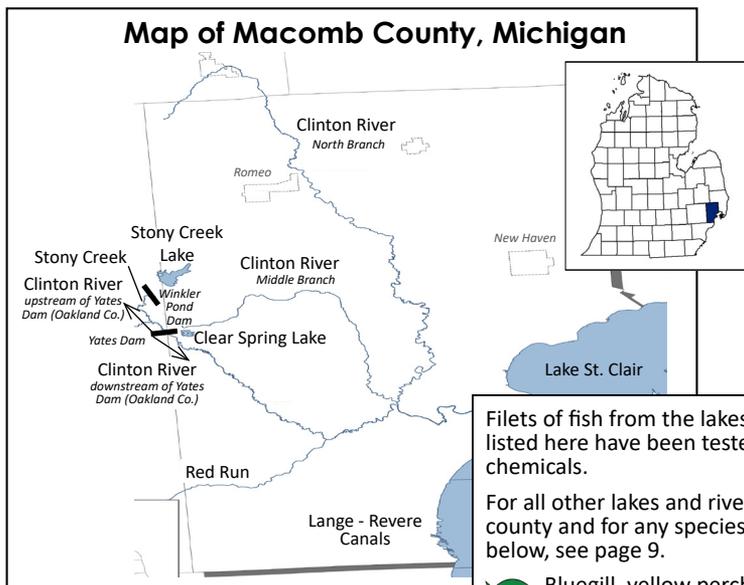
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	PCBs	Any	4 ^{2x}
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	4

(Continued on the next page.)

Zukey Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Macomb County



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

Clear Spring Lake

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

(Continued on the next page.)

Clinton River

(downstream of Yates Dam in Oakland Co., includes the North Branch and Middle Branch of the Clinton River and the Red Run).



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	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	Mercury, PCBs	Any	8
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Under 24"	1 ^{2x}
	Mercury, PCBs	Over 24"	1

When fishing the river near Lake St. Clair, use the lake guidelines on page 50.

Clinton River

(upstream of Yates Dam in Oakland Co. to Crystal Lake Dam, including Stony Creek up to the Winkler Pond Dam)

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

(Continued on the next page.)

Macomb County (continued)

Lake St. Clair

(If you are fishing on the lake in between Lakefront Park and Veteran's Memorial Park and out into open water in that area, please see the Special Notice, page 51.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	8
		Over 9"	4
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Catfish	Dioxins	Any	Limited [▲]
Freshwater Drum	Mercury, PCBs	Any	2
Largemouth Bass	PFOS	Any	6 Per Year
Muskellunge	Mercury	Any	Do Not Eat [▲]
Northern Pike	Mercury	Any	2
Rock Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PFOS	Any	6 Per Year
Sturgeon	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	6 Per Year
Walleye	Dioxins, PCBs, PFOS	Any	6 Per Year
White (Silver) Bass	PCBs	Any	Limited [▲]
White Crappie	Mercury	Under 9"	8
		Over 9"	4
Yellow Perch	Mercury	Any	4

(Continued on the next page.)

Macomb County (continued)

Lake St. Clair: Special Notice

(Use when fishing within 2 miles of the Lange-Revere Canals. This area is between Lakefront Park and Veteran's Memorial Park and out into open water.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PCBs	Any	6 Per Year ^{2x}
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs	Under 20"	1 ^{2x}
	Mercury, PCBs	Over 20"	1
Muskellunge	Mercury	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs	Under 20"	1 ^{2x}
	Mercury, PCBs	Over 20"	1
Sunfish	PCBs	Any	6 Per Year ^{2x}
Walleye	Dioxins, PCBs	Any	6 Per Year ^{2x}
Yellow Perch	PCBs	Any	2 ^{2x}
All Other Species	PCBs	Any	Limited [▲]

Lange-Revere Canals

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

Stony Creek Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	None	Any	16 ^{2x}
Black Crappie	Mercury	Any	2
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1

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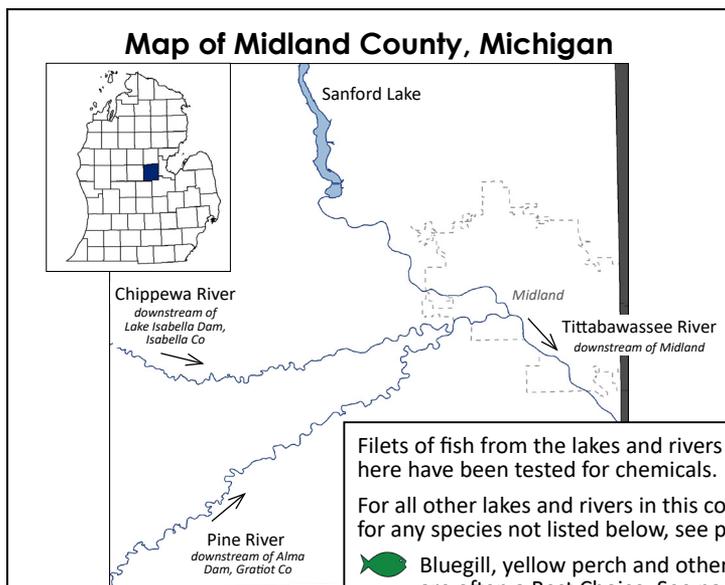
Stony Creek Lake

(continued from page 51)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Rock Bass	PFOS	Under 8"	4
	Mercury, PFOS	Over 8"	4
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	None	Any	16 ^{2x}
Walleye	Mercury	Under 20"	2
		Over 20"	1
White Crappie	Mercury	Any	2

Midland County



Chippewa River

(downstream of Lake Isabella Dam, Isabella Co.)

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
	Mercury	Over 8"	2
Suckers	Mercury	Under 13"	4
		Over 13"	2

When fishing in the Chippewa River near the Pine River, please use the Pine River guidelines on page 54.

(Continued on the next page.)

Midland County (continued)

Pine River

(downstream of St. Louis Dam in Gratiot Co. 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 [▲]

Sanford Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	8
		Over 9"	4
Catfish	Dioxins, Mercury	Any	2
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Rock Bass	Mercury	Any	4
Walleye	Mercury	Under 20"	2
		Over 20"	1
White Crappie	Mercury	Under 9"	8
		Over 9"	4

(Continued on the next page.)

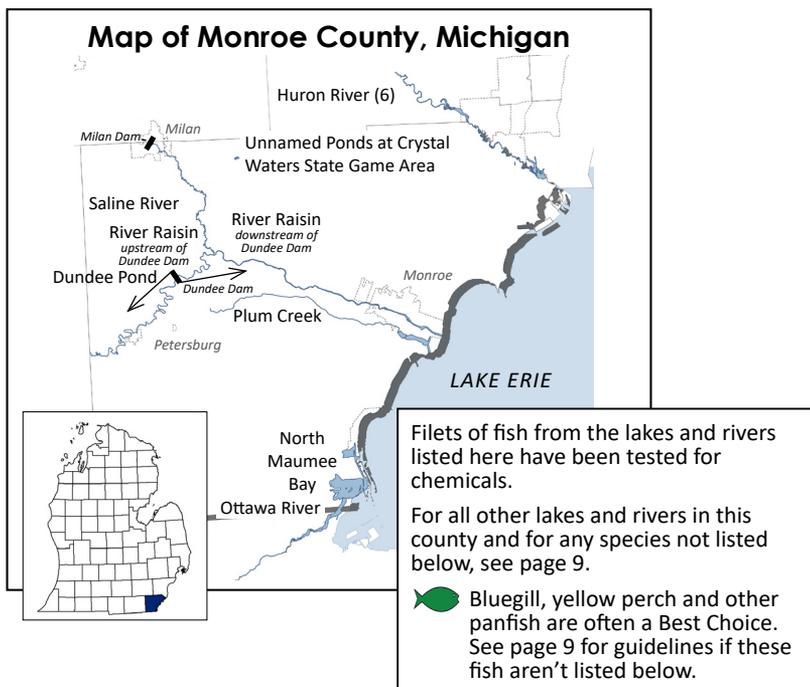
Midland County (continued)

Tittabawassee River

(downstream of Midland)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Do Not Eat [▲]
Largemouth Bass	Dioxins, PCBs	Under 18" Over 18"	6 Per Year ^{2x} Limited [▲]
Smallmouth Bass	Dioxins, PCBs	Under 18" Over 18"	6 Per Year ^{2x} Limited [▲]
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Do Not Eat [▲]
Yellow Perch	Dioxins	Any	2 ^{2x}
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

Monroe County



Huron River (6)

(where the river crosses I-275 in Wayne County to Lake Erie, includes Flat Rock Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Dioxins, PCBs	Under 28"	Limited [▲]
		Over 28"	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PCBs, PFOS	Any	4
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury, PCBs, PFOS	Any	4
Sunfish	PFOS	Any	4

(Continued on the next page.)

North Maumee Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PCBs	Any	Limited [▲]

Use the Lake Erie guidelines on page 16 for any fish species not listed above.

Ottawa River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PCBs	Any	Limited [▲]

When fishing the river near Lake Erie, please check the lake guidelines on page 16 too.

Plum Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Buffalo	PCBs	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins, PCBs	Any	Limited [▲]
Freshwater Drum	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PCBs	Any	Limited [▲]
White (Silver) Bass	PCBs	Any	Limited [▲]
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Monroe County (continued)

River Raisin

(downstream of Dundee Dam in Dundee Township)

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

River Raisin

(upstream of Dundee Dam in Dundee Township, including Dundee Pond)

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}
Catfish	Mercury, PCBs	Any	2
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	PFOS	Any	1

Saline River

(downstream of the Milan Dam)

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

(Continued on the next page.)

Unnamed Ponds at Crystal Waters State Game Area

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

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

Oakland County (continued)

Bush Lake

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

Carpenter Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	6 Per Year
Bluegill	PFOS	Any	1
Sunfish	PFOS	Any	1
White Crappie	PFOS	Any	6 Per Year

Cass Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Walleye	Mercury, PCBs	Under 24"	1
		Over 24"	6 Per Year

Clear 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.)

Clinton River

(downstream of Yates Dam, includes the North Branch and Middle Branch of the Clinton River and the Red Run).



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	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	Mercury, PCBs	Any	8
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Under 24"	1 ^{2x}
	Mercury, PCBs	Over 24"	1

Clinton River

(upstream of Yates Dam to Crystal Lake Dam, including Stony Creek up to the Winkler Pond Dam)

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

Clinton River

(Dawsons Mill Pond Dam to Cass Lake Dam, including Dawsons Mill Pond and Otter/Sylvan Lakes)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Under 20"	2 ^{2x}
		Over 20"	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

(Continued on the next page.)

Clinton River

(Dawsons Mill Pond Dam to Cass Lake Dam, including Dawsons Mill Pond and Otter/Sylvan Lakes, continued from page 62)

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

Crotched Lake

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

Dawsons Mill Pond

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

Galloway Lake

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	2 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	PFOS	Any	6 Per Year
Yellow Perch	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Heron Lake

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

Hubbell Pond

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

Huron River (1)

(downstream of N Wixom Rd to where the river crosses US-23 in Green Oak Township, including Norton Creek, Hubbell Pond, also known as Mill Pond and Kent Lake)

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

Kent 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 [▲]
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 [▲]

(Continued on the next page.)

Kent Lake

(continued from page 64)

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

Lake Orion



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

Lakeville 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"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	PFOS	Any	1

(Continued on the next page.)

Oakland County (continued)

Long Lake

(continued from page 65)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	4

Loon Lake

(north of Wixom)

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 [▲]

Loon Lake

(Waterford Township)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Under 20"	8 ^{2x}
		20" to 24"	2 ^{2x}
		Over 24"	6 Per Year ^{2x}
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Lower Trout Lake

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

(Continued on the next page.)

Maceday Lake

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

Middle Straits Lake

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

Milford Pond (aka Milford Mill Pond)

(including Pettibone Creek downstream of Moore Lake Dam to Pettibone Creek Powerhouse Dam)

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

When fishing downstream of Pettibone Creek Powerhouse Dam, follow Huron River (1) guidelines on page 64.

Norton Creek

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.)

Oakland County (continued)

Orchard Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	6 Per Year
		Over 30"	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Osmun Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	PCBs	Under 22"	6 Per Year ^{2x}
		Over 22"	Limited [▲]
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	4

Otter/Sylvan Lakes

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Under 20"	2 ^{2x}
		Over 20"	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Sunfish	PFOS	Any	2

(Continued on the next page.)

Oakland County (continued)

Paint Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	PCBs	Any	4 ^{2x}

Paint 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

Pontiac Lake

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

Proud Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	Mercury	Any	4
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Under 7"	2
	Mercury, PFOS	Over 7"	2
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1

(Continued on the next page.)

Rice Lake

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

Rouge River - Main, Upper & Lower Branch

(main, lower and upper branches and middle branch downstream of the Nankin Dam)

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



Schoolhouse Lake

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

Shiawassee River

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

(Continued on the next page.)

Terry Lake

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

Tipsico Lake

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

Tull Lake

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

Union Lake

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

(Continued on the next page.)

Walled Lake

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

White Horse 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 [▲]

White Lake

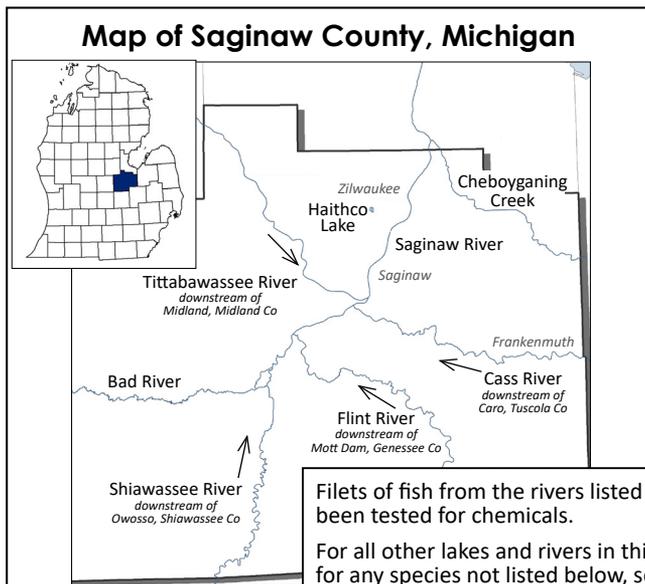


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Any	8
Walleye	Mercury	Under 22"	2
		Over 22"	1

Williams Lake

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

Saginaw County



Filets of fish from the 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, yellow 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}
		Over 18"	6 Per Year ^{2x}
Northern Pike	Mercury, PCBs	Any	2

Cass River

(downstream of Caro in Tuscola Co.)

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

(Continued on the next page.)

Cheboyganing Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Northern Pike	PCBs	Under 26"	1 ^{2x}
		Over 26"	6 Per Year ^{2x}

Flint River

(downstream of Mott Dam in Genesee Co., including Gilkey Creek)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PFOS	Any	Do Not Eat [▲]
Creek Chub	PFOS	Any	1
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year

Haithco 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, PFOS	Under 18"	2
	Mercury	Over 18"	1
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Sunfish	PFOS	Any	4
White Crappie	PFOS	Any	2
Yellow Perch	Mercury	Any	4

(Continued on the next page.)

Saginaw River

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

Shiawassee River

(downstream of Owosso, Shiawassee Co.)

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

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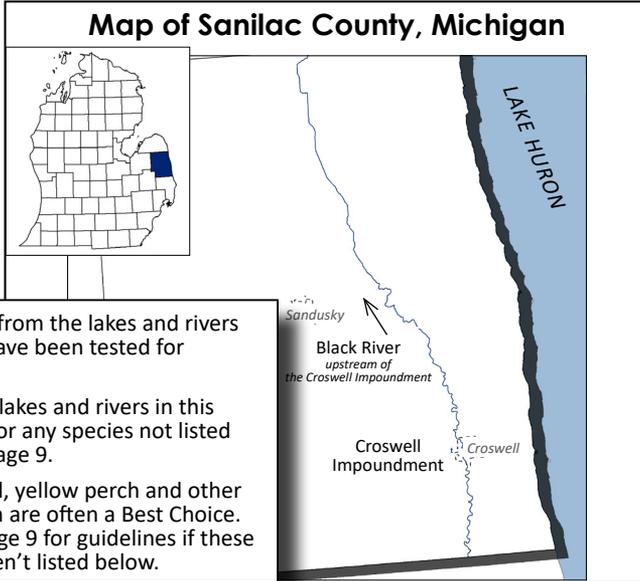
Saginaw County (continued)

Tittabawassee River

(downstream of Midland, Midland Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Do Not Eat [▲]
Largemouth Bass	Dioxins, PCBs	Under 18" Over 18"	6 Per Year ^{2x} Limited [▲]
Smallmouth Bass	Dioxins, PCBs	Under 18" Over 18"	6 Per Year ^{2x} Limited [▲]
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Do Not Eat [▲]
Yellow Perch	Dioxins	Any	2 ^{2x}
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

Sanilac County



Black River

(upstream of the Croswell Impoundment)

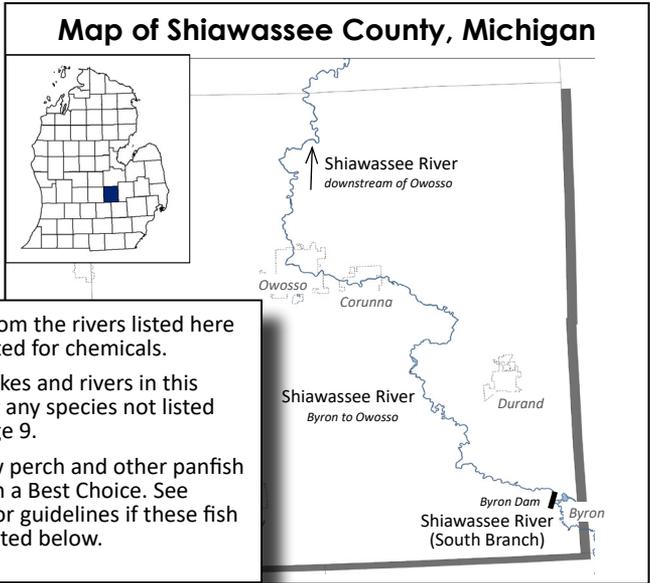
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	4
Rock Bass	Mercury, PFOS	Under 9"	4
	Mercury	Over 9"	2

Croswell Impoundment

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

See which fish are safe to eat from Lake Huron on Page 18.

Shiawassee County



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



Shiawassee River - South Branch

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

Shiawassee River

(Byron to Owosso)

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"	2 ^{2x}
	Mercury, PCBs	Over 18"	2
Northern Pike	PCBs	Under 30"	6 Per Year ^{2x}
		Over 30"	Limited [▲]
Rock Bass	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Shiawassee County (continued)

Shiawassee River

(continued from page 78)

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

Shiawassee River

(downstream of Owosso)

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

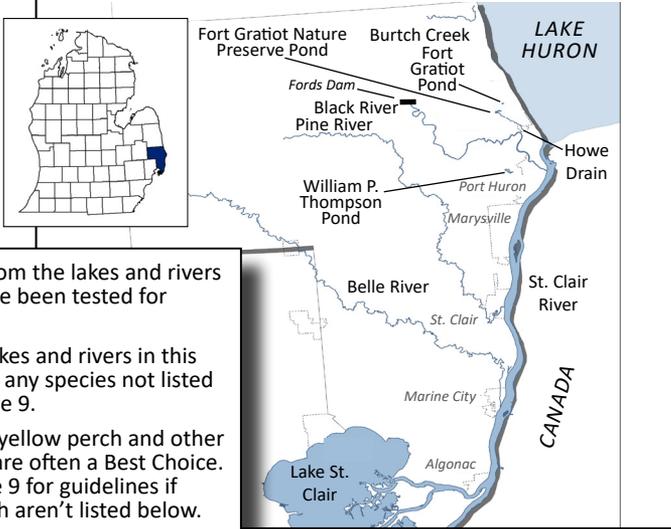
Shiawassee River

(Byron Dam to Linden Dam in Genesee Co.)

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 [▲]

St. Clair County

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

Belle River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Rock Bass	PFOS	Under 7"	2
	Mercury, PFOS	Over 7"	2
Sunfish	PFOS	Any	2
Yellow Perch	PFOS	Any	2

Black River

(downstream of Fords Dam)

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 [▲]
Rock Bass	PFOS	Any	6 Per Year

(Continued on the next page.)

St. Clair County (continued)

Black River

(downstream of Fords Dam, continued from page 80)

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	1
Sunfish	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PFOS	Any	2

Burtch Creek

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

Fort Gratiot Nature Preserve Pond

(west of Parker Road)

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 [▲]

Fort Gratiot Pond

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

Howe Drain

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

(Continued on the next page.)

St. Clair County (continued)

Lake St. Clair

(If you're fishing within 2 miles of the outlet of the Lange-Revere Canals in Macomb Co., see page 51 for a special notice. This area is between Lakefront Park and Veteran's Memorial Park and out into open water.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	8
		Over 9"	4
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Catfish	Dioxins	Any	Limited [▲]
Freshwater Drum	Mercury, PCBs	Any	2
Largemouth Bass	PFOS	Any	6 Per Year
Muskellunge	Mercury	Any	Do Not Eat [▲]
Northern Pike	Mercury	Any	2
Rock Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PFOS	Any	6 Per Year
Sturgeon	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	6 Per Year
Walleye	Dioxins, PCBs, PFOS	Any	6 Per Year
White (Silver) Bass	PCBs	Any	Limited [▲]
White Crappie	Mercury	Under 9"	8
		Over 9"	4
Yellow Perch	Mercury	Any	4

(Continued on the next page.)

St. Clair County (continued)

Pine River

(including Rattle Run)

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 [▲]
Rock 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 [▲]

St. Clair River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Freshwater Drum	Mercury, PCBs	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Rock Bass	PFOS	Any	2
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Sturgeon	PCBs	Any	Limited [▲]
Walleye	Dioxins, PCBs, PFOS	Any	6 Per Year
White Bass	PCBs	Any	Limited [▲]
Yellow Perch	PFOS	Any	4

When fishing the river near Lake Huron (page 18) or Lake St. Clair (page 82), please check the lake guidelines too.

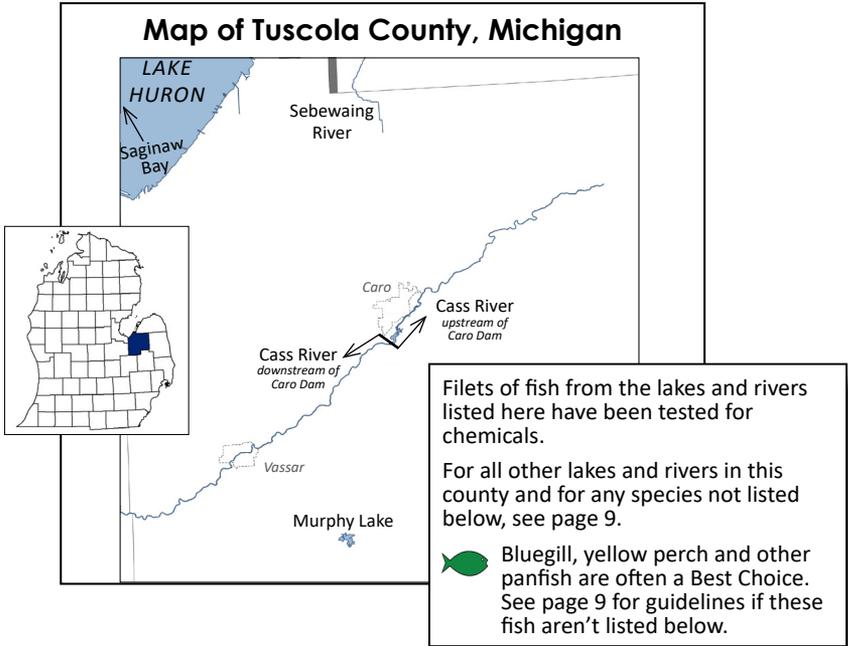
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William P. Thompson Pond

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 [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

See which fish are safe to eat from Lake Huron on Page 18.

Tuscola County



Cass River

(upstream of Caro Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Any	2
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 26"	2
		Over 26"	1
Rock Bass	Mercury	Any	8
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Suckers	Mercury	Under 16"	4
		Over 16"	2

(Continued on the next page.)

Tuscola County (continued)

Cass River

(downstream of Caro Dam)

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

Murphy Lake

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

Saginaw Bay

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Limited [▲]
Freshwater Drum	Mercury	Any	1
Lake Trout	Dioxins, PCBs	Under 20"	1 ^{2x}
	PCBs	20" to 24"	6 Per Year ^{2x}
		Over 24"	Limited [▲]
Walleye	Dioxins	Any	6 Per Year ^{2x}
White (Silver) Bass	Dioxins, PCBs	Any	Do Not Eat [▲]
Yellow Perch	Dioxins	Any	2 ^{2x}
All Other Species	Dioxins, PCBs	Any	6 Per Year ^{2x}

Use the Lake Huron guidelines on page 18 for any fish species not listed above.

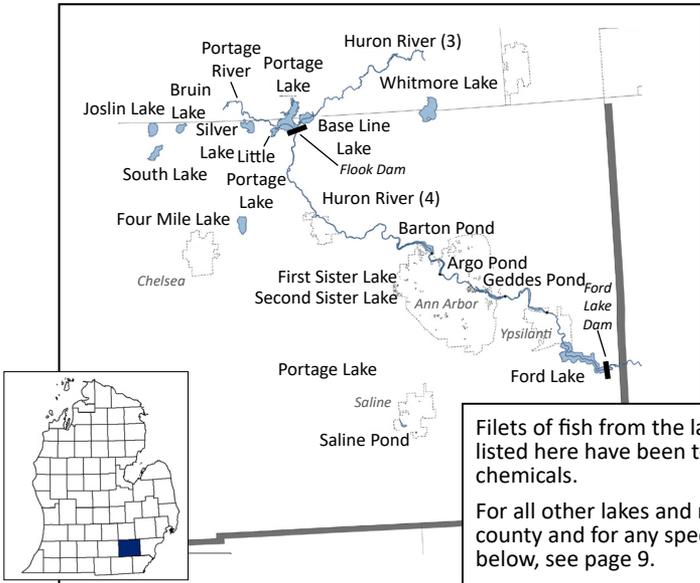
Sebewaing River

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

When fishing the river near Saginaw Bay, use the Saginaw Bay guidelines above.

Washtenaw County

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

Argo Pond

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

Washtenaw County (continued)

Barton Pond

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 [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Base Line Lake

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Bruin Lake

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

First Sister Lake

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

(Continued on the next page.)

Washtenaw County (continued)

Ford 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 [▲]
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Walleye	PFOS	Any	Do Not Eat [▲]
White Crappie	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Four Mile Lake

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

Geddes Pond

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

(Continued on the next page.)

Washtenaw County (continued)

Huron River (3) Chain of Lakes

(Huron River from where the river crosses US-23 in Green Oak Township to the Flook Dam, including Base Line Lake, Tamarack Lake, Whitewood Lakes, Gallagher Lake, Loon Lake, Strawberry Lake, Zukey Lake and Oneida Lake)

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 [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
All Other Species	PFOS	Any	Do Not Eat [▲]

Huron River (4)

(downstream of the Flook Lake Dam to Ford Lake Dam, including Geddes Pond, Argo Pond and Ford Lake)

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

Joslin 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
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Sunfish	PFOS	Any	2

(Continued on the next page.)

Washtenaw County (continued)

Little Portage Lake

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 [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
Walleye	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Portage Lake

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 [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
Walleye	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Portage River

(Flock Dam to the Hi-Land Lake Dam, including Portage Lake and Little Portage Lake)

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 [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Washtenaw County (continued)

Portage River

(Flook Dam to the Hi-Land Lake Dam, including Portage Lake and Little Portage Lake, continued from page 91)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1
Walleye	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

Saline Pond



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
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	Mercury	Any	12



Second Sister Lake

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

Silver 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

(Continued on the next page.)

Washtenaw County (continued)

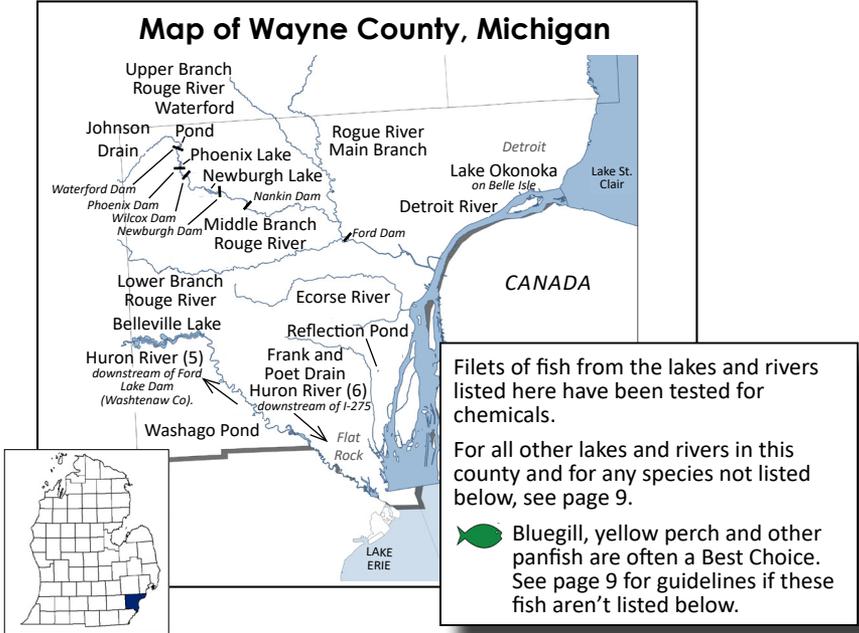
South Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 28"	1
		Over 28"	6 Per Year
Rock Bass	Mercury	Any	2
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Whitmore Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	PCBs	Any	2 ^{2x}
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Sunfish	PFOS	Any	4

Wayne County



Belleville Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PFOS	Any	Do Not Eat [▲]
Gizzard Shad	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	2
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Walleye	PFOS	Any	6 Per Year
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Wayne County (continued)

Detroit River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PCBs	Any	2 ^{2x}
Bullhead	PCBs	Any	2 ^{2x}
Carp	Dioxins, PCBs	Any	Limited [▲]
Catfish	Dioxins, PCBs	Any	Limited [▲]
Freshwater Drum	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs	Any	Limited [▲]
Northern Pike	Dioxins, Mercury	Any	1
Rock Bass	Mercury, PCBs	Any	4
Smallmouth Bass	PCBs	Any	Limited [▲]
Suckers	PCBs	Under 18"	6 Per Year ^{2x}
		Over 18"	Limited [▲]
Sunfish	PCBs	Any	2 ^{2x}
Walleye	Dioxins, PCBs, PFOS	Any	6 Per Year
White (Silver) Bass	Dioxins, PCBs	Any	Limited [▲]
Yellow Perch	PFOS	Any	2

When fishing the river near Lake Erie (page 16) or Lake St. Clair (page 50), please check the lake guidelines too.

Ecorse River

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

Frank and Poet Drain

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

(Continued on the next page.)

Huron River (5)

(downstream of Ford Lake Dam in Washtenaw Co. to where the river crosses I-275, including Belleville Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PFOS	Any	Do Not Eat [▲]
Gizzard Shad	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Rock Bass	PFOS	Any	2
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Walleye	PFOS	Any	6 Per Year
All Other Species	PFOS	Any	Do Not Eat [▲]

Huron River (6)

(where the river crosses I-275 to Lake Erie, includes Flat Rock Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Dioxins, PCBs	Under 28"	Limited [▲]
		Over 28"	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PCBs, PFOS	Any	4
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury, PCBs, PFOS	Any	4
Sunfish	PFOS	Any	4

(Continued on the next page.)

Johnson Drain

(including Waterford Pond)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Suckers	PFOS	Any	2

Lake Okonoka

(on Belle Isle, Detroit; also includes Lake Muskoday, Lake Tacoma and the Blue Heron Lagoon)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 8"	4
		Over 8"	2
Bluegill	Mercury	Any	16
Sunfish	Mercury	Any	16
White Crappie	Mercury	Under 8"	4
		Over 8"	2

For all other species caught in these lakes, please see the Detroit River, page 95.

Lake St. Clair

(If you're fishing within 2 miles of the outlet of the Lange-Revere Canals, see the Special Notice on page 51)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	8
		Over 9"	4
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Catfish	Dioxins	Any	Limited [▲]

(Continued on the next page.)

Lake St. Clair

(continued from page 97, if you're fishing within 2 miles of the outlet of the Lange-Revere Canals, see the Special Notice on page 51)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Freshwater Drum	Mercury, PCBs	Any	2
Largemouth Bass	PFOS	Any	6 Per Year
Muskellunge	Mercury	Any	Do Not Eat [▲]
Northern Pike	Mercury	Any	2
Rock Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PFOS	Any	6 Per Year
Sturgeon	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	6 Per Year
Walleye	Dioxins, PCBs, PFOS	Any	6 Per Year
White (Silver) Bass	PCBs	Any	Limited [▲]
White Crappie	Mercury	Under 9"	8
		Over 9"	4
Yellow Perch	Mercury	Any	4



Reflection Pond

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

(Continued on the next page.)

Rouge River - Main, Upper and Lower Branch

(main, lower and upper branches and middle branch downstream of the Nankin Dam)



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

When fishing near the Detroit River, please check the guidelines on page 95 too.

Rouge River - Middle Branch

(from the Nankin Dam upstream to the Newburgh Dam, includes Nankin Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	6 Per Year ^{2x}
Northern Pike	PCBs	Any	Limited [▲]
Rock Bass	Mercury, PCBs	Any	4
Suckers	PCBs	Any	1 ^{2x}

(Continued on the next page.)



Rouge River - Middle Branch

(from Newburgh Dam to Wilcox Dam, includes Newburgh Lake)

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 [▲]
Catfish	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	6 Per Year ^{2x}
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	6 Per Year ^{2x}
Sunfish	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Rouge River - Middle Branch

(Wilcox Impoundment to Phoenix Dam)

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

Rouge River - Middle Branch

(upstream of Phoenix Dam to Waterford Pond Dam, including Phoenix Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	Limited [▲]
Northern Pike	Mercury, PCBs	Any	4
Suckers	PCBs	Any	4 ^{2x}
Sunfish	PFOS	Any	1

(Continued on the next page.)

Rouge River - Middle Branch

(upstream of Waterford Pond Dam, including Waterford Pond and Johnson Drain)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Suckers	PFOS	Any	2

Washago 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 [▲]

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

Southeast Michigan Lakes & Rivers

Don't see a certain lake or river listed?

For the guidelines to all other lakes and rivers in Southeast 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)	<ul style="list-style-type: none"> • was one of the first modern insecticides • was banned in 1972 	<ul style="list-style-type: none"> • linked to the development of cancer • linked to the development of diabetes
Dioxins	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 108)

Chemical of Concern	What is it?	Potential Health Problems
Mercury	<ul style="list-style-type: none"> • is a natural element • can be released from smokestacks of coal-fired power plants and other industry 	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • were used in electrical equipment - like transformers • were found in hydraulic oils 	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • is used for waterproofing clothes, in fire-fighting foams, papers and packaging, cleaning products, and pesticides • is now rarely used in the United States 	<ul style="list-style-type: none"> • 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 • the liver can be damaged • thyroid function can be harmed
Selenium	<ul style="list-style-type: none"> • is a natural element • is needed for your body to function, but too much is harmful • through mining activities, selenium-rich rock and water got into lakes and rivers 	<ul style="list-style-type: none"> • hair loss • loss of fingernails • fatigue • irritability • mild nerve damage

Chemicals of Concern (continued from page 109)

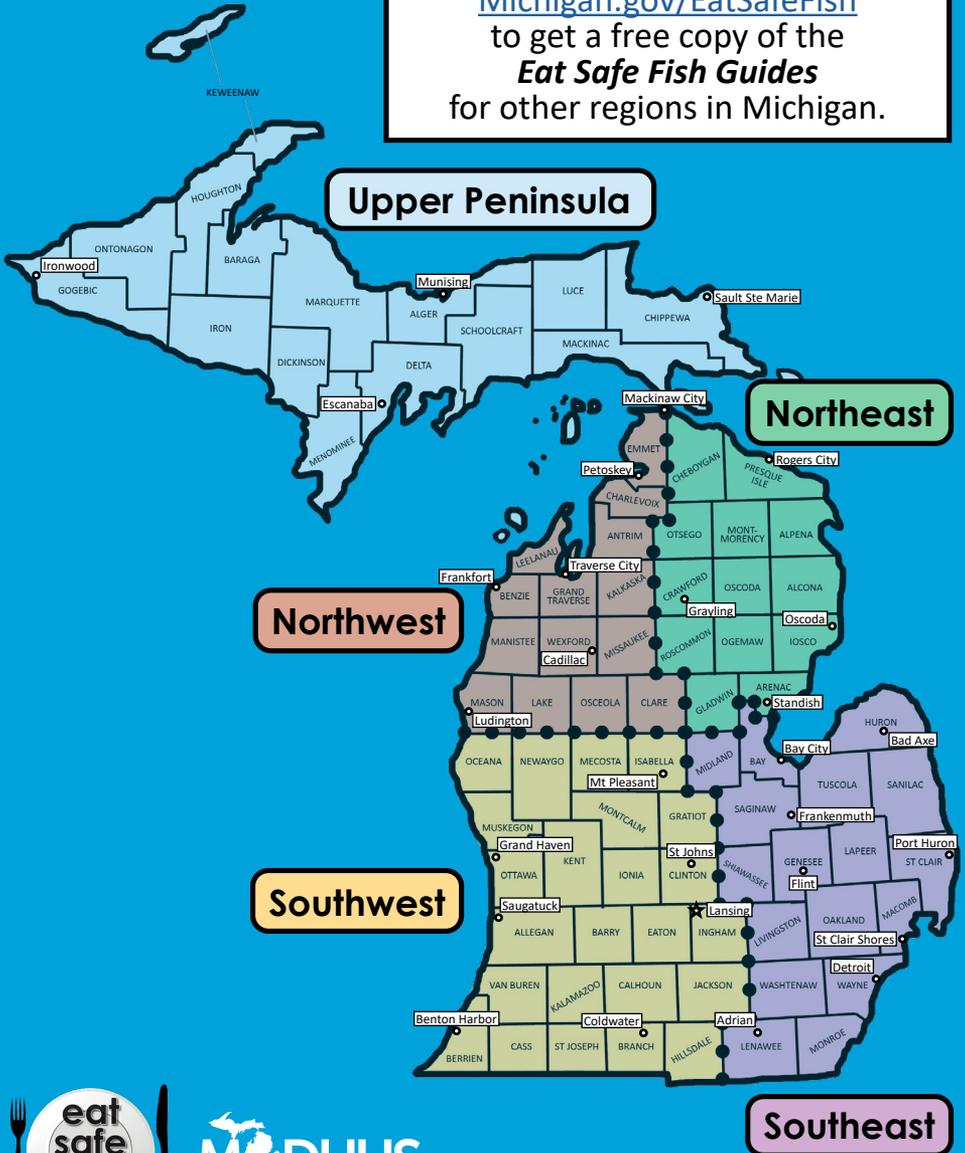
Chemical of Concern	What is it?	Potential Health Problems
Toxaphene	<ul style="list-style-type: none">• was an insecticide for cotton and vegetables and on livestock and poultry• was sometimes added to lakes to kill unwanted fish• was banned in 1990	<ul style="list-style-type: none">• immune system can be harmed

NOTES

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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.



Michigan Department of Health & Human Services