



2008 MICHIGAN FAMILY FISH CONSUMPTION GUIDE

Important facts to know if you eat Michigan fish



MDCH Division of Environmental Health • 1-800-648-6942

Visit us on the web at www.michigan.gov/mdch-toxic, click on Michigan Fish Advisory

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Contact the Michigan Department of
Community Health
1-800-648-6942
or
www.michigan.gov/mdch-toxic,
then click on Michigan Fish Advisory



Project F.I.S.H

Project F.I.S.H. is a Michigan youth sportfishing education program. It is designed to involve children in long-term, mentor-based, community-supported, sportfishing and aquatic resource education.

Call 517-432-2700 for more information, or visit: www.projectfish.org

HEALTH BENEFITS AND RISKS OF EATING FISH



HEALTH BENEFITS OF EATING FISH

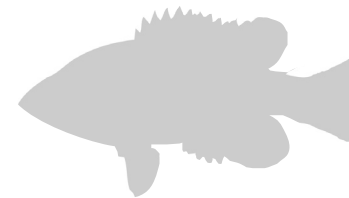
Fish are a great low-fat source of protein, vitamins and minerals. The omega-3 oils found in fish are important for the healthy brain development of babies during pregnancy, breast-fed babies and children. Eating fish can also reduce the risk of heart disease in adults. The American Heart Association recommends that adults eat fish two times a week.



Health Risks of Eating Fish

MDCH advises women of childbearing age and children under 15 years old to be extra careful before eating certain types of fish in Michigan.

Many chemicals end up in lakes, rivers, oceans and in some of the fish we eat. Eating polluted fish won't make you sick right away. But the chemicals found in fish can build up in your body and make you very sick later on. Some of these chemicals can harm your immune system, reproductive system, brain functions, or increase your risk of cancer. Children and babies that get too much of these chemicals may develop physical, mental or behavioral problems that they would not have had otherwise.





Get the Benefits and Avoid the Risks

Use Michigan's Fish Consumption Guides:

The Michigan Department of Community Health wants you to know that there are many types of fish that make good food choices. But you should be cautious about eating some other types of fish too often. Use the information found in Michigan's fish eating guides to find fish that are good for you and your family.

- *Michigan Family Fish Consumption Guide*: This is the booklet you are reading. It has information for men, women and children about eating different kinds of fish from Michigan's lakes and rivers.
- *A Family Guide to Eating Fish*: This brochure has information about eating fish for families.
- *Avoid Mercury in Fish and Seafood Shopping and Restaurant Guide*: This brochure lists the types of fish that you can buy that have been tested for mercury contamination.

These guides are available at <http://www.michigan.gov/mdch-toxic>.



5 SIMPLE TIPS FOR EATING SAFE FISH



1. Trimming and Cooking

- Cut off all the fat (see page 4 for directions).
- Remove or poke holes in the fish's skin before cooking. This will help the fat and chemicals drain off the fish.
- Bake, broil or grill the fish on a rack. Throw away the drippings.
- Do not eat the guts, head, skin, bones or dark fatty areas.
- Do not re-use the oil that was used to deep or pan fry fish.

2. Eat fish from different places such as the grocery store, restaurants, rivers and lakes.

3. Eat smaller, younger fish. Bigger and older fish have had more time to collect more chemicals in their bodies.

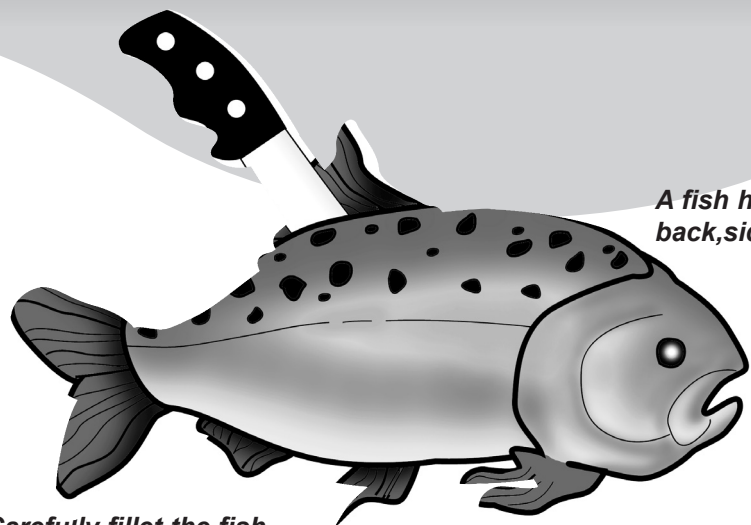
4. Don't eat fatty fish like carp and catfish from polluted waters. Most chemicals (except for mercury) collect in the fat. Buy catfish from your grocery store instead.

5. Mercury stays in the filet of the fish and cannot be cut or cooked away. Use the MDCH guides to choose fish that are low in mercury.



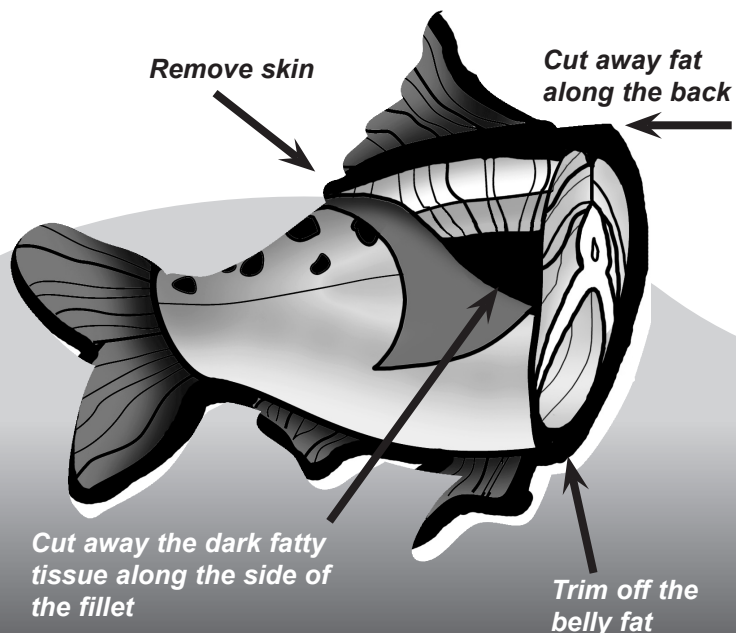
COOKING AND CLEANING FISH

Important reminders.



A fish has fat on its back, sides and belly.

Carefully fillet the fish.



Remove skin

Cut away fat along the back

Cut away the dark fatty tissue along the side of the fillet

Trim off the belly fat

Mercury Advisory

Statewide Mercury Fish Consumption Advisory For All Inland Lakes, Reservoirs and Impoundments

Follow this Statewide Mercury Advisory for the lakes, reservoirs and impoundments that are not listed in this booklet. Note: the Statewide Mercury Advisory does not apply to the Great Lakes or rivers in Michigan.

- **No one should eat** more than one meal a week of rock bass, yellow perch or crappie over 9 inches in length from inland lakes, reservoirs or impoundments in Michigan.
- **No one should eat** more than one meal a week of large-mouth bass, smallmouth bass, walleye, northern pike or muskellunge of any size from inland lakes, reservoirs or impoundments in Michigan.
- **Women who are pregnant or may become pregnant in the future and children under 15 years old should not eat** more than one meal per month of rock bass, yellow perch or crappie over 9 inches in length from inland lakes, reservoirs or impoundments in Michigan.
- **Women who are pregnant or may become pregnant in the future and children under 15 years of age should not eat** more than one meal per month of largemouth bass, smallmouth bass, walleye, northern pike or muskellunge of any size from inland lakes, reservoirs or impoundments in Michigan.

Nationwide Mercury Fish Consumption Advisory for Store Purchased Fish

Read the "Avoid Mercury in Fish and Seafood Shopping and Restaurant Guide" This guide has advice for you about eating restaurant and store-bought fish.

5 STEPS TO USING THIS GUIDE

The Michigan Family Fish Consumption Guide has advice about eating fish from different water bodies, of different species and of different lengths. The information is found on pages 8-57.

Step One:

Find the Great Lakes watershed that your lake or river is closest to. The watershed is listed at the top of the page. If you are not sure which watershed is the right one, check the two Great Lakes that are closest to where you are fishing.

- Erie page 8
- Huron page 20
- Michigan page 30
- Superior page 52

Step Two:

Find the name of your lake or river in the first column.

Step Three:

Find the type of fish that you are fishing for in the second column.



Why doesn't the fish consumption guide list every lake, river and reservoir?

Some water bodies may not be listed because:

1. Fish from the water body have never been tested for chemical contaminants. Michigan has more than 11,000 lakes and 36,000 miles of rivers and streams in addition to the Great Lakes. Waters are more likely to be selected for fish contaminant testing if the water body has known contaminant problems, high recreational use or may provide useful environmental information.
2. Fish from the water body have been tested but are covered by Statewide Mercury Fish Consumption Advisory for Inland Lakes, Reservoirs and Impoundments.

Step Four:

Find the column that matches the person(s) who will eat the fish.

- General Population means: Adult men. Boys 15 years or older. Women beyond childbearing age.
- Women & Children means: Women ages 15 and older who are pregnant or may become pregnant in the future. Children under the age of 15 years old.

Step Five:

Find the length of your fish. The symbol on the table matches the the advice about eating the fish. This is what the symbols mean:

- ▲ Unlimited consumption.
- ▼ One meal per week.
- One meal per month.
- Six meals per year.
- ◆ Do not eat these fish.

Follow the Statewide Mercury Fish Consumption Advisory found on page 5 for inland lakes, reservoirs, and impoundments not listed on pages 8-57.

For More Information

For more information on the Fish Consumption Advisory, visit our website at www.michigan.gov/mdch-toxic or call 1-800-648-6942.



- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population									Women & Children								
Lake Erie Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Erie # <small>(Includes North Maumee Bay)</small>	Carp	Mercury, PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Freshwater Drum	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Lake Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			■	■	■	■	■	■	■
	Rainbow Trout <small>(Including Steelhead)</small>	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Largemouth Bass and Smallmouth Bass	PCBs					▲	▲	▲	▲						●	●	●	●	
	Walleye	PCBs				▲	▲	▲	▲	▲	▲					●	●	●	●	●
	White Bass	PCBs	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●			
	Whitefish	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	White Perch	PCBs	▲	▲	▲	▲						●	●	●	●					
Yellow Perch	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼					
Barton Pond* <small>(Huron River, Washtenaw Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	
Belleville Lake* <small>(Huron River, Wayne Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	■	■	
	Gizzard Shad	PCBs	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●				
	Walleye	PCBs					▲	▲	▲	▲					▼	●	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●		
Black Creek <small>(Lenawee Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●		

Also applies to tributaries into which migratory species enter.
 * See Mercury Advisory on page 5.

An empty box in the chart means one of two things:

- On the small end of the size scale, fish in this size range are not of legal size.
- On the large end of the size scale, fish of this type generally do not grow to this size.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

Water body	Species	Contaminant(s)	General Population								Women & Children									
			Length (inches)								Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Erie Watershed All other locations refer to general advice on page 5.																				
Cass Lake* (Oakland Co.)	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●		
	Walleye	Mercury, PCBs					▼	▼	▼	▼	▼				●	●	●	●	●	
Clear Spring Lake* (Macomb Co.)	Largemouth Bass	Mercury, PCBs					▲	▼	▼	▼					▼	●	●	●		
Clinton River (Downstream Yates Dam, Macomb Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	
	Rock Bass	PCBs	▲	▲	▲	▲	▲							▲	▼	▼	▼	▼		
	Suckers		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	
Detroit River	Carp	PCBs, Dioxin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Freshwater Drum	Mercury, PCBs	▲	▲	▲	▲	▲	▼	▼	▼	▼				●	●	●	●	●	
	Northern Pike	PCBs							▲	▲	▲									
	Sturgeon	Mercury, PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	
	Walleye	PCBs				▲	▲	▲	▲	▲	▲				●	●	●	●	●	
	Yellow Perch	PCBs	▲	▲	▲	▲	▲							▲	▲	▼	▼	▼		
Ford Lake* (Washtenaw Co.)	Black Crappie	PCBs	▲	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼		
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				▼	▼	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	
Hudson Lake* (Lenawee Co.)	Carp	Mercury	▲	▲	▲	▲	▲	▲	▲	▼	▼			▲	▲	▲	▲	●	●	
	Largemouth Bass	Mercury					▲	▼	▼	▼				▲	●	●	●			
Kent Lake* (Oakland Co.)	Black Crappie	Mercury, PCBs	▲	▲	▼	▼	▼	▼						▲	▲	●	●	●	●	
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	
	Largemouth and Smallmouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼		
	Walleye	PCBs					▲	▲	▲	▲	▲				●	●	●	●	●	

* See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
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Water body	Species	Contaminant(s)	General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Erie Watershed All other locations refer to general advice on page 5.																				
Lake Orion* (Oakland Co.)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	▲	◆	◆	▲	▲	▲	▲	▲	▼	▼	◆	◆
	Largemouth Bass	Mercury					▼	▼	▼	▼					●	●	●	●		
	Northern Pike	Mercury, PCBs								▼	▼	▼					●	●	●	
Lake St. Clair	Bluegill	PCBs	▲	▲	▲	▲						▼	▼	▼	▼					
	Brown Bullhead	Mercury	▲	▲	▲	▲	▼					▲	▲	▲	▲	●				
	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●	●
	Carp sucker	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼	▲	▲	▲	▲	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▼	▼	▼				▼	▼	■	◆	◆	◆
	Largemouth and Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●		
	Northern Pike	Mercury								▲	▼	▼					▲	●	●	
	Muskellunge	Mercury, PCBs										◆								◆
	Sturgeon	PCBs										▲								●
	Walleye	Mercury, PCBs				▲	▲	▲	▼	▼	▼				▼	▼	▼	●	●	●
	White Bass	Mercury, PCBs	▲	▲	▲	▼	▼	▼				●	●	●	●	●	●			
	White Perch	Mercury	▲	▲	▼	▼						▲	▲	●	●					
Loon Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Largemouth and Smallmouth Bass	Mercury					▲	▼	▼	▼				▲	●	●	●			
Maceday Lake* (Oakland Co.)	Northern Pike	Mercury, PCBs								▼	▼	▼					●	●	●	
Norvell Lake* (Jackson Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼				▲	▼	▼	▼			
Osmun Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	■	■	
	Largemouth Bass	PCBs, Mercury					▼	▼	▼	▼					●	●	●	●		

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Water body	Species	Contaminant(s)	General Population										Women & Children									
			Length (inches)										Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Lake Erie Watershed													All other locations refer to general advice on page 5.									
Ottawa River (Monroe Co.)	Largemouth Bass	Mercury					▲	▲	▲	▲						●	●	●	●			
	All other species	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		
Pine River (St. Clair Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼			
Pontiac Lake* (Oakland Co.)	Channel Catfish	Mercury, PCBs				▲	▲	▲	▼	▼	▼				▼	▼	▼	●	●	●		
River Raisin (Upstream Monroe Dam, Monroe & Lenawee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●		
River Raisin, and Plum Creek (Downstream Monroe Dam, Monroe Co.)	Black Buffalo	PCBs	▲	▲	▲	▲	◆	◆	◆	◆	◆	◆	■	■	■	■	◆	◆	◆	◆		
	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		
	Channel Catfish	PCBs				◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆			
	Freshwater Drum	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●		
	Smallmouth Bass	PCBs					▼	▼	▼	▼					■	■	■	■				
	White Bass	PCBs	▲	▲	▼	◆	◆	◆					■	■	■	◆	◆	◆				
River Raisin, South Branch (Lenawee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●		
	Northern Pike	PCBs							▲	▲	▲					●	●	●				
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	●	●	●	●			
Rouge River (Main or Upper Branch upstream M-153/Ford Road, Wayne & Oakland Co.)	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼			
Rouge River (Phoenix Lake, Wayne Co.)	Bluegill	PCBs	▲	▲	▲	▲						▼	▼	▼	▼							
	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●			
	Northern Pike	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●		
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼		

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Water body	Species	Contaminant(s)	General Population									Women & Children															
			Length (inches)									Length (inches)															
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +							
Lake Erie Watershed												All other locations refer to general advice on page 5.															
Rouge River (Newburgh Lake, Wayne Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	●	●	●	●	●	
	Largemouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼									
	Northern Pike	PCBs								▲	▲	▲						●	●	●	●	●	●	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	●	●	●	●	●	●	●	●	●
Rouge River (Middle Branch downstream of Newburgh Lake and Main Branch downstream M-153/Ford Road, Wayne Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	◆		■	■	■	■	■	■	■	■	■	■	■	■	◆	
	Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Largemouth and Smallmouth Bass	PCBs					◆	◆	◆	◆							◆	◆	◆	◆							
	Northern Pike	PCBs								▲	▲	▲							■	■	■	■	■	■	■	■	
	Rock Bass	PCBs	▲	▲	▲	▲	▲							▼	▼	▼	▼	▼									
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	■	■	■	■	■	■	■	■	■
	All other species	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Rouge River Lower Branch and Main Branch (Downstream Ford Dam)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	◆	◆		■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	
	Suckers	PCBs	▲	▲	▲	▲	◆	◆	◆	◆	◆			■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Terry Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●	●	
St. Clair River	Carp	Mercury, PCBs	▲	▲	▲	▲	▲	▲	▼	▼	◆		▲	▲	▲	▼	●	●	■	◆	◆	◆	◆	◆	◆	◆	
	Freshwater Drum	Mercury, PCBs	▲	▲	▲	▲	▼	▼	▼	▼	▼		▲	▲	▲	▲	●	●	●	●	●	●	●	●	●	●	
	Gizzard Shad	Mercury, PCBs	▲	▲	▼	▼	▼	▼					▼	●	◆	◆	◆	◆									
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					●	●	●	●	●	●	●	●	●	●	●	
Stony Creek Impoundment* (Macomb Co.)	Northern Pike	Mercury, PCBs							▼	▼	▼						●	●	●	●	●	●	●	●	●		
Unnamed Lake* (Washtenaw Co., T3S, R7E, S26)	Bullhead	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼										
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼							●	●	●	●	●	●	●	●	●	●	

* See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population									Women & Children								
Lake Erie Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Walled Lake* (Oakland Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	●	●	●	
	Northern Pike	Mercury, PCBs							▼	▼	▼						●	●	●	
Whitmore Lake* (Livingston Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	
Woodland Lake* (Livingston Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	
	Largemouth Bass	Mercury					▲	▼	▼	▼					▲	●	●	●		
*All Inland lakes, reservoirs, and impoundments (mercury advisory)	Crappie	Mercury	▲	▼	▼	▼	▼	▼				▲	●	●	●	●				
	Largemouth and Smallmouth Bass	Mercury					▼	▼	▼	▼					●	●	●	●		
	Muskellunge	Mercury									▼								●	
	Northern Pike	Mercury							▼	▼	▼						●	●	●	
	Rock Bass	Mercury	▲	▼	▼	▼	▼					▲	●	●	●	●				
	Walleye	Mercury					▼	▼	▼	▼	▼				●	●	●	●	●	
	Yellow Perch	Mercury	▲	▼	▼	▼	▼					▲	●	●	●	●				

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

Water body	Species	Contaminant(s)	General Population										Women & Children									
			Length (inches)										Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Lake Huron Watershed													All other locations refer to general advice on page 5.									
Lake Huron #	Brown Trout	PCBs			▲	▲	▲	▼	▼	▼	▼				●	●	●	◆	◆	◆	◆	
	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▼	▼	▼	▼	▼	▼	▼	▼	▼	
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	
	Lake Trout	PCBs, Dioxins			▼	▼	▼	▼	▼	▼	◆	◆				◆	◆	◆	◆	◆	◆	
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●	●	
	Whitefish	PCBs, Dioxins	▲	▲	▲	▲	▲	▼	◆	◆	◆		▼	▼	▼	▼	▼	◆	◆	◆	◆	
	All other species	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼		●	●	●	●	●	●	●	●	●	
Saginaw Bay # (Also follow Lake Huron advisories above) Saginaw Co.)	Carp, Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Smallmouth Bass	PCBs, Dioxins					▼	▼	▼	▼					◆	◆	◆	◆				
	Walleye	PCBs, Mercury Dioxins					▲	▼	▼	▼	▼				●	◆	◆	◆	◆			
	White Bass	PCBs, Dioxins	◆	◆	◆	◆	◆	◆					◆	◆	◆	◆	◆					
	Yellow Perch	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼					
	All other species	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼		●	●	●	●	●	●	●	●	●	●
Thunder Bay # (Also follow Lake Huron advisories above)	Carp	PCBs, Dioxins	▲	▲	▲	▲	▲	◆	◆	◆	◆		▼	▼	▼	▼	▼	◆	◆	◆	◆	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	●	●	●	●	
Au Sable River (At Oscoda, Iosco Co.)	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼		◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Walleye	Mercury, PCBs					▲	▲	▲	▼	▼					▼	●	●	●	●	●	
Au Sable River (Between Alcona & Mio Dams, Alcona & Oscoda Co.)	Walleye	Mercury					▼	▼	▼	▼	▼				●	●	●	●	●	●	●	
Bad River (Gratiot & Saginaw Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▼	▼	▼		▼	▼	▼	▼	▼	●	●	●	●	
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					▼	▼	●	◆	◆	◆	
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼	▼	

Also applies to tributaries into which migratory species enter.
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- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

Water body	Species	Contaminant(s)	General Population									Women & Children													
			Length (inches)									Length (inches)													
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +					
Lake Huron Watershed All other locations refer to general advice on page 5.																									
Black River (Sanilac Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Burt Lake* (Cheboygan Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●					
Cass River (Downstream of Bridgeport, Saginaw & Tuscola Co.)	Carp	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Channel Catfish	PCBs, Mercury Dioxins				▲	◆	◆	◆	◆	◆				▼	◆	◆	◆	◆	◆					
	Northern Pike	PCBs								▲	▲	▲						▼	●	●					
Cass River (Upstream of Bridgeport, Saginaw Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●	●	●	●
	Northern Pike	Mercury								▲	▼	▼							▲	●	●				
Cass River (Upstream of Caro Dam, Tuscola Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Sucker	Mercury	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▲	▲	▲	▲	▲	▲	●	●	●				
Cheboyganing Creek (Saginaw Co.)	Carp	PCBs	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	●	●	●	●	●	●	◆	◆	◆				
	Northern Pike	PCBs							▲	▲	▲							●	●	●					
Chippewa River (Midland Co.)	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Ess Lake* (Montmorency Co.)	Northern Pike	Mercury								▲	▼	▼							▼	●	●				
Five Lakes* (Clare Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▼	●	●	●						
Flint River (Downstream of Flint, Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	◆	●	●	●	●	●	●	●	●	●	●	●	◆	◆
	Smallmouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼						
Frenchman Lake* (Chippewa Co.)	Northern Pike	Mercury								▲	▼	▼						▼	●	●					
Gaylanta Lake* (Montmorency Co.)	Northern Pike	Mercury								▲	▼	▼						▼	●	●					
Holloway Reservoir* (Genesee Co.)	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲					●	●	●	●	●	●	●	●	●	●
Kawkawlin River (Bay Co.)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Northern Pike	PCBs								▲	▲	▲							●	●	●				

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- ▼ One meal per week.
- Six meals per year.
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Water body	Species	Contaminant(s)	General Population										Women & Children								
			Length (inches)										Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	
Lake Huron Watershed													All other locations refer to general advice on page 5.								
Kearsley Reservoir* (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	
	Largemouth Bass	Mercury					▲	▼	▼	▼				▲	●	●	●				
Lake Emma* (Presque Isle Co.)	Northern Pike	Mercury	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	
Lake Esau* (Presque Isle Co.)	Smallmouth Bass	Mercury					▲	▼	▼	▼				▲	●	●	●				
Lobdell Lake* (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	●	●	
Long Lake* (Presque Isle Co.)	Smallmouth Bass	Mercury					▲	▼	▼	▼				▼	●	●	●				
Peach Lake* (Ogemaw Co.)	Northern Pike	Mercury							▲	▼	▼					▼	●	●			
Pine River* (Alma Impoundment, Gratiot Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	
Pine River* (Downstream Alma dam, Gratiot & Midland Co.)	All Species	PBBs, DDT	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Lake Ponemah* (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●
	Largemouth Bass	Mercury					▲	▼	▼	▼				▲	●	●	●				
Rifle River (Arenac, Ogemaw Co.)	Rock Bass	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼	▼				
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▼	▼	▼	▼	▼	▼	▼	
Saginaw River (Entire Length, Bay & Saginaw Co.) Saginaw Co.)	Carp, Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Smallmouth Bass	PCBs, Dioxins					▼	▼	▼	▼				◆	◆	◆	◆				
	Walleye	PCBs, Mercury, Dioxins					▲	▼	▼	▼	▼				●	◆	◆	◆	◆	◆	
	White Bass	PCBs, Dioxins	◆	◆	◆	◆	◆	◆					◆	◆	◆	◆	◆				
	All other species	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●
Sanford Lake* (Midland Co.)	Black Crappie		▲	▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
	Channel Catfish	Mercury, PCBs				▲	▲	▲	▲	▼	▼				▼	▼	▼	▼	●	●	
	Rock Bass		▲	▲	▲	▲	▲						▲	▲	▲	▲					

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Water body	Species	Contaminant(s)	General Population										Women & Children									
			Length (inches)										Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Lake Huron Watershed													All other locations refer to general advice on page 5.									
St. Mary's River	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●	●
	Northern Pike	Mercury								▼	▼	▼							●	●	●	
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼				▼	▼	●	●	●			
Sebawaing River (Huron Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	●	●	●	●	●	●
	Northern Pike	PCBs								▲	▲	▲							▼	▼	▼	
Shiawassee River (Downstream of Owosso, Shiawassee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●	
	Rock Bass	PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼						
	Smallmouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼				
Shiawassee River (Byron to Owosso, Shiawassee Co.)	Carp	PCBs	▼	▼	▼	▼	▼	▼	◆	◆	◆		■	■	■	■	■	■	◆	◆	◆	
	Northern Pike	PCBs							▲	▲	▲								●	●	■	
Shiawassee River S. Br. (M-59 to Byron; Shiawassee, Livingston Co.)	Smallmouth Bass	PCBs					▲	▲	▲	▲					●	●	●	●				
	All other species	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Stevenson Lake* (Isabella Co.)	Bullhead	Mercury	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●
Tawas River (Iosco Co.)	Northern Pike	PCBs								▲	▲	▲								▼	▼	▼
Thompson Lake* (Livingston Co.)	Black Crappie	PCBs	▲	▲	▲	▼	▼	▼					●	●	●	●	●	●				
	Carp	PCBs	▲	▲	▲	▲	▲	▼	▼	◆	◆		▼	▼	▼	●	●	■	◆	◆	◆	
	Northern Pike	Mercury, PCBs								▼	▼	▼							●	●	●	
Thread Creek and Thread Creek Impoundment (Genesee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●	●

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Water body	Species	Contaminant(s)	General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Huron Watershed All other locations refer to general advice on page 5.																				
Tittabawassee River (Downstream of Midland; Midland & Saginaw Co.)	Carp, Catfish	PCBs, Dioxins	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Smallmouth Bass	PCBs, Dioxins					▼	▼	▼	▼					◆	◆	◆	◆		
	Walleye	PCBs, Mercury, Dioxins					▲	▼	▼	▼	▼				●	◆	◆	◆	◆	
	White Bass	PCBs, Dioxins	◆	◆	◆	◆	◆	◆							◆	◆	◆	◆		
	All other species	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●
Wixom Lake* (Gladwin Co.)	Northern Pike	Mercury							▲	▲	▼						▼	▼	●	
Tobico Wetland* (Bay Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼
	Northern Pike	PCBs							▲	▲	▲					▲	▼	▼		
Van Etten Lake* (Iosco Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				●	■	■	■	■	■
	Walleye	Mercury, PCBs					▼	▼	▼	▼	▼				●	●	●	●	●	●
*All Inland lakes, reservoirs, and impoundments (mercury advisory)	Crappie	Mercury	▲	▼	▼	▼	▼	▼						▲	●	●	●	●	●	
	Largemouth and Smallmouth Bass	Mercury					▼	▼	▼	▼					●	●	●	●		
	Muskellunge	Mercury										▼								●
	Northern Pike	Mercury								▼	▼	▼					●	●	●	
	Rock Bass	Mercury	▲	▼	▼	▼	▼							▲	●	●	●	●		
	Walleye	Mercury					▼	▼	▼	▼	▼				●	●	●	●	●	●
	Yellow Perch	Mercury	▲	▼	▼	▼	▼							▲	●	●	●	●		

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- Six meals per year.
- ◆ Do not eat these fish.

General Population

Women & Children

Length (inches)

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Water body **Species** **Contaminant(s)**

Lake Michigan Watershed All other locations refer to general advice on page 5.

			General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan North of Frankfort #	Brown Trout	PCBs, Dioxin			▼	▼	▼	▼	▼	▼	▼			◆	◆	◆	◆	◆	◆	◆
	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼
	Carp	PCBs	▼	▼	▼	▼	▼	▼	◆	◆	■	■	■	■	■	■	■	◆	◆	
	Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲			●	●	●	●	●	■	■	
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	■	■
	Lake Trout	PCBs, Chlordane			▲	▲	▲	▲	▲	◆	◆			●	●	●	●	■	◆	◆
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲			▼	▼	▼	●	●	●	●	●
	Smelt	PCBs	▲	▲	▲	▲					▼	▼	▼	▼						
	Sturgeon	PCBs								◆										◆
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	●	●	■	■
	Whitefish	PCBs, Dioxin	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Yellow Perch	PCBs	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼						
Lake Michigan South of Frankfort #	Brown Trout	PCBs			▲	▲	▲	▲	◆	◆	◆			●	●	●	●	◆	◆	◆
	Carp, Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲			●	●	●	●	●	■	■	
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	■	■
	Lake Trout	PCBs, Chlordane			▲	▲	▲	▼	◆	◆	◆			●	●	●	●	◆	◆	◆
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲			▼	▼	▼	▼	●	●	●	●
	Smelt	PCBs	▲	▲	▲	▲					▼	▼	▼	▼						
	Sturgeon	PCBs, Chlordane DDT, Dioxin								◆										◆
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	●	●	■	■
	Whitefish	PCBs, Chlordane Dioxin	▲	▲	▲	▲	▲	▲	◆	◆	◆	●	●	●	●	●	●	◆	◆	◆
	Yellow Perch	PCBs	▲	▲	▲	▲	▲				▲	▼	▼	▼	▼					

Also applies to tributaries into which migratory species enter
 * See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population									Women & Children								
Lake Michigan Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Green Bay # <small>(S. of Cedar River. Applies to Michigan waters including Menominee and Cedar rivers below first dam. See also Lake Michigan-North of Frankfort)</small>	Brown Trout	PCBs			▼	▼	▼	◆	◆	◆	◆			●	●	■	◆	◆	◆	◆
	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼
	Carp	PCBs, Dioxins	▼	▼	▼	▼	▼	▼	▼	◆	◆	■	■	■	■	■	■	■	◆	◆
	Channel Catfish	PCBs				▼	▼	▼	▼	▼	▼				■	■	■	■	■	■
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Lake Trout	PCBs			▲	▲	▲	▲	▼	▼	▼			●	●	●	●	●	■	■
	Northern Pike	PCBs							▲	▲	▲							●	●	●
	Rainbow Trout (Including Steelhead)	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						●	●	●	●	
	Splake	PCBs			▼	▼	▼	◆	◆	◆	◆			●	●	■	◆	◆	◆	◆
	Sturgeon	PCBs									◆									◆
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▼	▼	▼	●	●	●	●	●	●	●	●	●
	Walleye	Mercury, PCBs					▲	▼	▼	▼	▼					●	●	■	◆	◆
	White Bass	PCBs	◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆	◆			
	Whitefish	PCBs, Dioxins	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	White Perch	PCBs	◆	◆	◆	◆						◆	◆	◆	◆					
Yellow Perch	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼					
Little Bay de Noc # <small>(See also Lake Michigan North of Frankfort)</small>	Burbot	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼
	Carp	PCBs	▼	▼	▼	▼	▼	▼	◆	◆	■	■	■	■	■	■	■	◆	◆	
	Northern Pike	PCBs							▲	▲	▲							●	●	■
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
	Suckers	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	●	●	●	●

*# Also applies to tributaries into which migratory species enter. See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Women & Children

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Water body **Species** **Contaminant(s)**

Lake Michigan Watershed All other locations refer to general advice on page 5.

Water body	Species	Contaminant(s)	General Population									Women & Children									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	
Antione Lake* (Dickinson Co.)	Northern Pike	Mercury							▲	▼	▼						▼	●	●		
	Walleye	Mercury					▲	▲	▼	▼	▼					▼	▼	●	●	●	
Austin Lake* (Kalamazoo Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼					▼	●	●	●			
Barton Lake* (Kalamazoo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	
Battle Creek River (Calhoun Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●	
	Smallmouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼			
Bear Lake* (Muskegon Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▼	◆	●	●	●	●	●	●	●	◆	◆	
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●			
	Northern Pike	PCBs							▲	▲	▲						▼	●	●		
	Walleye	Mercury, PCBs					▲	▼	▼	▼	▼					●	●	■	■	■	
Black Creek (Muskegon Co.)	Carp, Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●	
Black River (S. Br. upstream Bangor, VanBuren Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	
Black River (Downstream S. Br. and S. Br. downstream Bangor, VanBuren Co.)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Northern Pike	PCBs							▲	▲	▲							●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	
Boot Lake* (Schoolcraft Co.)	Walleye	Mercury					▲	▲	▼	▼	▼					▼	▼	●	●	●	
Boyne River (Charlevoix Co.)	Brown Trout	PCBs		▲	▲	▲	▲	▲	▲	▲	▲		▼	●	●	●	●	●	●	●	
Camp Lake* (Kent Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼					▼	●	●	●			
Craig Lake* (Baraga Co.)	Northern Pike	Mercury							▼	▼	◆							●	●	◆	
Crystal Lake* (Benzie Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	●	●	●	●	
	Lake Trout	PCBs					▲	▲	▲	▲	▲				▼	▼	▼	▼	●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	
Dowagiac River (Cass Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼		

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population								Women & Children									
Lake Michigan Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Elk Lake* (Antrim Co.)	Brown Trout	Mercury, PCBs					▲	▲	▲	▼	▼					▲	▲	▲	●	●
	Lake Trout	Mercury, PCBs					▲	▲	▲	▼	▼					▼	▼	●	●	●
Fawn River (St. Joseph Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼
	Smallmouth Bass	Mercury					▼	▼	▼	▼						●	●	●	●	
Flat River (Upstream Greenville, Montcalm Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Rock Bass	PCBs	▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
Flat River (Downstream Greenville, Montcalm, Ionia & Kent Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Rock Bass	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼				
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼
Fenner Lake* (Allegan Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	●	
Fremont Lake* (Newaygo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	
Galien River (Berrien Co.)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	◆	◆	◆	▲	▲	▲	▼	●	●	◆	◆	◆
Glen Lake* (Leelanau Co.)	Lake Trout	Mercury, PCBs, Chlordane					▲	▲	▼	▼	◆					▼	●	●	●	◆
Goose Lake* (Marquette Co.)	Northern Pike	PCBs							▲	▲	▲							●	●	●
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼
	Yellow Perch	PCBs	▲	▲	▲	▲	▲					▼	▼	▼	▼	▼				
Grand River (Upstream Webber Dam: Ionia, Clinton, Eaton, Ingham & Jackson Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				▼	▼	●	●	●	●
	Northern Pike	PCBs							▲	▲	▲							▼	▼	▼
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲					▼	▼	▼	▼	▼

* See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population									Women & Children								
Lake Michigan Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Grand River <small>(Downstream Webber Dam; Ionia, Kent & Ottawa Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				▼	▼	●	●	●	●
	Northern Pike	PCBs							▲	▲	▲						▼	▼	▼	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	●	●	●	●	
Green Lake* <small>(Grand Traverse Co.)</small>	Lake Trout	Mercury, PCBs					▼	▼	▼	▼	▼					●	●	●	●	●
Greenwood Reservoir* <small>(Escanaba River, Marquette Co.)</small>	Northern Pike	Mercury							▼	▼	◆						●	●	◆	
Gull Lake* <small>(Kalamazoo Co.)</small>	Northern Pike	Mercury, PCBs							▲	▼	▼						▼	●	●	
Hess Lake* <small>(Newaygo Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼
Higgins Lake* <small>(Roscommon Co.)</small>	Lake Trout	Mercury, PCBs, Chlordane			▲	▲	▲	▲	▲	▲	◆			●	●	●	●	●	●	◆
Houghton Lake* <small>(Roscommon Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼
Kalamazoo River* <small>(Ceresco Impoundment, Calhoun Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Smallmouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Kalamazoo River <small>(From Battle Creek to Morrow Pond Dam, Calhoun & Kalamazoo Co.)</small>	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Channel Catfish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Smallmouth Bass	PCBs					▲	▲	▲	▲						▼	▼	▼	▼	
Kalamazoo River <small>(From Morrow Dam to Allegan Dam, Kalamazoo & Allegan Co.)</small>	Carp	PCBs, Dioxin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Catfish, Suckers	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Largemouth and Smallmouth Bass	PCBs					◆	◆	◆	◆						◆	◆	◆	◆	
	All other species	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	◆	◆	◆	◆	◆	◆	◆	◆	◆

* See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Women & Children

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Water body **Species** **Contaminant(s)**

Lake Michigan Watershed All other locations refer to general advice on page 5.

Kalamazoo River (Downstream of Allegan Dam, Allegan Co.)	Carp, Catfish	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		
	Largemouth and Smallmouth Bass	PCBs					▼	▼	▼	▼				◆	◆	◆	◆				
	Northern Pike	PCBs								◆	◆	◆					◆	◆	◆		
	All other species	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●		
Klinger Lake* (St. Joseph Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼					▲	●	●	●			
Lake Charlevoix* (Charlevoix Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▼	▼	▼			●	●	●	■	■	■		
	Lake Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●		
	Walleye	Mercury					▲	▲	▼	▼	▼				▲	▲	●	●	●		
Lake Macatawa* (Ottawa Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▼	▼	◆	◆		▼	▼	▼	▼	●	●	◆	◆	◆
	Walleye	Mercury, PCBs					▲	▲	▲	●	●					●	●	●	●	●	
Lake Mitchell* (Wexford Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼					▼	●	●	●			
Lake Paradise* (Emmet Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼					▲	●	●	●			
	Smallmouth Bass	Mercury					▲	▼	▼	▼					▲	●	●	●			
Long Lake* (Kalamazoo Co.)	Black Crappie	Mercury	▲	▲	▲	▲	▼	▼					▲	▲	▲	▲	●	●			
Long Lake* (St. Joseph Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼					▲	●	●	●			
Manistee Lake* (Manistee Co.)	Black Crappie	Mercury, PCBs	▲	▼	▼	▼	▼	▼					▼	●	●	●	●				
	Bluegill	PCBs	▲	▲	▲	▲							▼	▼	▼	▼					
	Largemouth and Smallmouth Bass	Mercury, PCBs						▼	▼	▼	▼					●	●	●	●		
	Walleye	Mercury, PCBs						▼	▼	▼	▼	▼				●	●	●	●	●	
Manistique Lake* (Mackinac Co.)	Walleye	Mercury					▲	▼	▼	▼	▼				▼	●	●	●	●		
Manistique River (Upstream from dam at Manistique, Schoolcraft Co.)	Northern Pike	Mercury								▼	▼	▼				●	●	●			

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population

Women & Children

Length (inches)

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Water body **Species** **Contaminant(s)**

Lake Michigan Watershed All other locations refer to general advice on page 5.

Manistigue River (Downstream Manistigue Papers Dam, Schoolcraft Co.)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Channel Catfish	PCBs				▲	▲	▲	▲	▲				●	●	■	■	■	■
	Rock Bass	Mercury, PCBs	▲	▲	▲	▲	▲						▼	▼	▼	▼			
	Smallmouth Bass	PCBs					▲	▲	▲	▲					●	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼				▼	▼	●	●	●
Menominee River (Between Quinnesec & 1st Dam, Dickinson Co.)	Carp	Mercury, PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	●	●	●	●	●	■
	Sturgeon	Mercury, PCBs										▼							●
	Suckers	Mercury, PCBs	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▲	▲	▲	▲	●	●
	Walleye	Mercury, PCBs					▲	▼	▼	▼	▼				▲	●	●	●	●
Michigamme River System* (Including Lake Michigamme, Michigamme Reservoir, Peavy Pond, and Paint River Pond; Iron & Dickinson Co.)	Burbot	Mercury	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▲	▲	▲	▲	▲	●	●
	Northern Pike	Mercury							▼	▼	▼							●	●
	Suckers	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▲	▲	▲	▲	●	●	●
	Walleye	Mercury					▼	▼	▼	▼	▼				●	●	●	●	●
Mona Lake* (Muskegon Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	●	●
	Smallmouth Bass	PCBs					▲	▲	▲	▲					●	●	●	●	
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	●	●	●	●
Morrison Lake* (Ionia Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▲	▲	▲	▲	▲	▲	▼
	Largemouth Bass						▲	▲	▲	▲					▲	▲	▲	▲	
Muskegon Lake* (Muskegon Co.)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	▲	▼	◆			●	●	●	●	●	◆
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●	
	Northern Pike	PCBs							▲	▲	▲						▼	●	●
	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●	
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼				●	●	●	●	●
Muskegon River (Downstream Croton Dam, Newaygo & Muskegon Co.)	Carp	PCBs, Chlordane	▲	▲	▲	▲	▲	▲	▲	▼	◆			●	●	●	●	●	◆
	Suckers	Mercury, PCBs	▲	▲	▲	▲	▲	▼	▼	▼				▲	▲	▲	▲	●	●
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	●	●	●	●

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

Water body	Species	Contaminant(s)	General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																				
Net River (Iron Co.)	Northern Pike	Mercury							▼	▼	▼							●	●	●
	Walleye	Mercury					▼	▼	▼	▼	▼					●	●	●	●	●
North Lake Leelanau* (Leelanau Co.)	Lake Trout	Mercury, PCBs					▼	▼	▼	▼	▼					●	●	●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
North Manistique Lake* (Luce Co.)	Walleye	Mercury					▲	▲	▼	▼	▼					▼	▼	●	●	●
	Yellow Perch		▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
Paint Lake* (Iron Co.)	Northern Pike	Mercury							▲	▲	▼							▼	▼	●
Palmer Lake* (St. Joseph Co.)	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Paw Paw River (Maple Lake, Van Buren Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼
	Largemouth Bass	Mercury					▲	▼	▼	▼						▲	●	●	●	
Pere Marquette Lake* (Mason Co.)	Northern Pike	PCBs							▲	▲	▲							●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
Pere Marquette River (Including Baldwin and all other Tributaries; Lake & Mason Co.)	Brown Trout	Mercury, PCBs		▲	▲	▲	▼	▼	▼	▼	▼		●	●	●	●	●	●	●	●
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲		●	●	●	●	●	●	●	●	
Pigeon River (St. Joseph Co.)	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼						▼	●	●	●	
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
Platte Lake* (Benzie Co.)	Channel Catfish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	●	●
	Largemouth and Smallmouth Bass	Mercury, PCBs						▼	▼	▼	▼					●	●	●	●	
	Northern Pike	Mercury, PCBs							▼	▼	▼							●	●	●
	Rock Bass	Mercury	▲	▲	▼	▼	▼					▼	▼	●	●	●				
Portage Creek (Monarch Pond, Kalamazoo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population

Women & Children

Length (inches)

Length (inches)

6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
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Water body	Species	Contaminant(s)	General Population									Women & Children								
			Length (inches)									Length (inches)								
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Michigan Watershed All other locations refer to general advice on page 5.																				
Portage Creek (Downstream Monarch Mill Pond, Kalamazoo Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	Channel Catfish	PCBs				◆	◆	◆	◆	◆	◆				◆	◆	◆	◆	◆	◆
	Largemouth Bass	PCBs					◆	◆	◆	◆					◆	◆	◆	◆		
	Smallmouth Bass	PCBs					◆	◆	◆	◆					◆	◆	◆	◆		
	All other species	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Portage Lake* (Manistee Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●
	Largemouth Bass	Mercury, PCBs					▲	▼	▼	▼					▼	●	●	●		
	Northern Pike	PCBs							▲	▲	▲						▲	▲	●	
	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●		
Rabbit River (Upstream Hamilton Dam, Allegan Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●
	Suckers	Mercury	▲	▲	▲	▲	▲	▼	▼	▼	▼				▲	▲	▲	▲	▲	▲
Rabbit River (Downstream Hamilton Dam, Allegan Co.)	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Largemouth Bass	Mercury, PCBs					▼	▼	▼	▼	▼				●	●	●	●	●	●
	Northern Pike	Mercury							▼	▼	▼						●	●	●	●
Randall Lake Chain* (Branch Co.)	Northern Pike	Mercury, PCBs							▼	▼	▼						●	●	●	●
Red Cedar River (Ingham Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Reed's Lake* (Kent Co.)	Largemouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼		
	Northern Pike	PCBs							▲	▲	▲						▼	▼	▼	▼
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼
Ruddiman Creek Lagoon (Muskegon Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▼	◆	◆				●	●	●	●	●	●
	Largemouth Bass	PCBs					▲	▲	▲	▲					▼	▼	▼	▼		
Round Lake* (Marquette Co.)	Northern Pike	Mercury							◆	◆	◆						◆	◆	◆	◆
Selkirk Lake* (Allegan Co.)	Yellow Bullhead	Mercury	▲	▲	▼	▼	▼							▲	▲	●	●	●		
St. Joseph River (Downstream Berrien Springs, Berrien Co.)	Carp	PCBs	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Smallmouth Bass	PCBs					▲	▲	▲	▲					●	●	●	●		
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

Water body	Species	Contaminant(s)	General Population									Women & Children										
			Length (inches)									Length (inches)										
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +		
Lake Michigan Watershed All other locations refer to general advice on page 5.																						
St. Joseph River (Including Chapin Lake* ; upstream Berrien Springs, Berrien Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	
	Largemouth Bass	Mercury, PCBs					▲	▼	▼	▼					▼	●	●	●				
	Smallmouth Bass	PCBs					▲	▲	▲	▲					●	●	●	●				
St. Joseph River (Upstream Constantine, St. Joseph Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▼	▼	●	●	●	●	●	●	◆	◆			
	Channel Catfish	PCBs				▲	▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼	▼	
	Walleye	PCBs					▲	▲	▲	▲	▲				▼	▼	▼	▼	▼	▼	▼	
St. Joseph River (Upstream Sturgis Impoundment, St. Joseph Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▼	▼	▲	▲	▲	▲	▲	▲	◆	◆			
	Largemouth Bass	Mercury				▲	▲	▼	▼	▼	▼				▼	▼	●	●	●	●		
Stanley Lake* (Iron Co.)	Walleye	Mercury					▲	▲	▲	▲	▲				▲	▲	▲	▲	▲	▲	▲	
Thornapple River (Barry, Kent, Eaton Co.)	Carp	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	●	●	
Torch Lake* (Antrim Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	●	●	●	●	
	Lake Trout	Mercury, PCBs, Chlordane					▲	▲	▼	◆	◆				▼	▼	●	●	●	◆	◆	
	Lake Whitefish	PCBs, Dioxin	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	◆	◆	◆	◆
	Smallmouth Bass	Mercury, PCBs					▼	▼	▼	▼					●	●	●	●				
	Yellow Perch	Mercury	▲	▲	▲	▼	▼							▲	▲	▲	●	●				
Union Lake* (St. Joseph R., Branch Co.)	Carp, Channel Catfish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
Unnamed Lake* aka Aligan Lake (Baraga Co., T49N, R31W, S35)	Northern Pike	Mercury								◆	◆	◆						◆	◆	◆		
	Walleye	Mercury					▼	▼	◆	◆	◆				●	●	◆	◆	◆			
	Yellow Perch	Mercury	▲	▼	◆	◆	◆						▲	●	◆	◆	◆					
Van Auken Lake* (VanBuren Co.)	Northern Pike	Mercury							▲	▼	▼						▼	●	●			

* See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population								Women & Children									
Lake Michigan Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Walloon Lake* (Charlevoix Co.)	Rock Bass		▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
	Walleye	Mercury					▲	▲	▼	▼	▼				▲	▲	▼	▼	▼	
	Yellow Perch		▲	▲	▲	▲	▲					▲	▲	▲	▲	▲				
West Branch Lakes, SE and SW* (Alger Co., T48N, R14W, S31)	Northern Pike	Mercury							◆	◆	◆						◆	◆	◆	
	Walleye	Mercury					▼	▼	◆	◆					●	●	◆	◆		
	Yellow Perch	Mercury	▲	▼	◆	◆	◆					▲	●	◆	◆	◆				
White Lake* (Muskegon Co.)	Carp	PCBs	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼					●	●	●	●		
	Walleye	Mercury, PCBs					▲	▲	▲	▼	▼				▼	▼	▼	●	●	
*All inland lakes, reservoirs, and impoundments <small>(mercury advisory)</small>	Crappie	Mercury	▲	▼	▼	▼	▼	▼				▲	●	●	●	●				
	Largemouth and Smallmouth Bass	Mercury					▼	▼	▼	▼					●	●	●	●		
	Muskellunge	Mercury									▼									●
	Northern Pike	Mercury							▼	▼	▼						●	●	●	
	Rock Bass	Mercury	▲	▼	▼	▼	▼					▲	●	●	●	●				
	Walleye	Mercury					▼	▼	▼	▼	▼				●	●	●	●	●	●
	Yellow Perch	Mercury	▲	▼	▼	▼	▼					▲	●	●	●	●				

* See Mercury Advisory on page 5.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

General Population								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Women & Children								
Length (inches)								
6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +

Water body	Species	Contaminant(s)	General Population								Women & Children									
Lake Superior Watershed <small>All other locations refer to general advice on page 5.</small>			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Superior #	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	▼	▼	▼	▼
	Chinook Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			●	●	●	●	●	●	●
	Coho Salmon	PCBs			▲	▲	▲	▲	▲	▲	▲			▼	▼	▼	▼	▼	▼	▼
	Lake Herring	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	●	
	Lake Trout	PCBs, Chlordane, Mercury			▲	▲	▲	▲	▲	▲	▼			▼	▼	▼	▼	▼	●	◆
	Rainbow Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▲	▲	▲	▲	▲	▼	▼
	Siscowet	Chlordane, PCBs, Dioxin			▲	▲	▲	◆	◆	◆	◆			●	●	●	◆	◆	◆	◆
	Suckers	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
	Walleye	Mercury					▲	▲	▼	▼	▼					▲	▲	●	●	●
	Whitefish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼
Au Train Lake* (Alger Co.)	Northern Pike	Mercury						▲	▲	▼							▲	▲	●	
	Yellow Perch	Mercury	▲	▲	▲	▼	▼				▲	▲	▲	▼	▼					
Boston Pond* (Houghton Co.)	Yellow Perch		▲	▲	▲	▲	▲				▲	▲	▲	▲	▲					
Carp Creek (Upstream of Deer Lake, Marquette Co.)	Brook Trout	Mercury	▲	▲	▼	▼	▼	▼	▼		▲	▲	●	●	●	●	●	●		
	Suckers	Mercury	▲	▲	◆	◆	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆	◆	◆	
	All other species	Mercury	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Carp River (Downstream of Deer Lake, Marquette Co.)	Brook Trout		▲	▲	▲	▲	▲	▲	▲		▲	▲	▲	▲	▲	▲	▲	▲		
	Northern Pike	Mercury						▼	▼	▼							●	●	●	
	Suckers		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	
	All other species	Mercury	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Chaney Lake* (Gogebic Co.)	Northern Pike	Mercury						▼	◆	◆							●	◆	◆	
	Yellow Perch	Mercury	▲	▲	▲	▲	▲				▲	▲	▲	▲	▲					
Cisco Lake Chain* (Gogebic Co.)	Walleye					▲	▲	▲	▲	▲					▲	▲	▲	▲	▲	

* See Mercury Advisory on page 5.
 # Also applies to tributaries into which migratory species enter.

- ▲ Unlimited consumption.
- One meal per month.
- ▼ One meal per week.
- Six meals per year.
- ◆ Do not eat these fish.

Water body	Species	Contaminant(s)	General Population								Women & Children									
			Length (inches)								Length (inches)									
			6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +	6-8	8-10	10-12	12-14	14-18	18-22	22-26	26-30	30 +
Lake Superior Watershed All other locations refer to general advice on page 5.																				
Deer Lake* (Alger Co.)	Northern Pike	Mercury							▼	◆	◆							●	◆	◆
Deer Lake (Marquette Co.)	All species	Mercury	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Duck Lake* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Lake Gogebic* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Lake Independence* (Marquette Co.)	Northern Pike	Mercury							▲	▲	▼							▲	▲	●
Lake Le Vasseur* (Marquette Co.)	Northern Pike	Mercury							▼	◆	◆							●	◆	◆
Langford Lake* (Gogebic Co.)	Walleye	Mercury					▲	▲	◆	◆	◆					▲	▲	◆	◆	◆
Pomeroy Lake* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Portage Lake* (Houghton Co.)	Brown Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▲	▲	▼	▼	●	●	●
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▲	▲	●	●	●
Silver Lead Creek (Marquette Co.)	Brook Trout	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Siskiwit Lake* (Isle Royale)	Lake Trout	PCBs			▲	▲	▲	▲	▲	▲	▲			▲	▲	▲	▲	▼	▼	▼
	Lake Whitefish	PCBs	▲	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼
Tahquamenon River (Luce Co.)	Walleye	Mercury					▼	▼	▼	▼	▼					●	●	●	●	●
Teal Lake* (Marquette Co.)	Smallmouth Bass	Mercury					▲	▼	▼	▼	▼					▼	●	●	●	●
	Walleye	Mercury					▲	▼	▼	▼	▼					▼	●	●	●	●
Thousand Island Lake* (Gogebic Co.)	Walleye	Mercury					▲	▼	▼	▼	▼					▲	●	●	●	●
Torch Lake* (Houghton Co.)	Northern Pike	Mercury, PCBs							▲	▲	▼							▼	▼	●
	Smallmouth Bass	Mercury, PCBs					▲	▼	▼	▼	▼					▼	●	●	●	●
	Walleye	Mercury, PCBs					▲	▲	▼	▼	▼					▼	▼	●	●	●

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Lake Superior Watershed All other locations refer to general advice on page 5.																												
*All inland lakes, reservoirs, and impoundments <small>(mercury advisory)</small>	Crappie	Mercury	▲	▼	▼	▼	▼	▼											▲	●	●	●	●	●				
	Largemouth and Smallmouth Bass	Mercury					▼	▼	▼	▼													●	●	●	●		
	Muskellunge	Mercury																									●	
	Northern Pike	Mercury								▼	▼	▼													●	●	●	
	Rock Bass	Mercury	▲	▼	▼	▼	▼													▲	●	●	●	●				
	Walleye	Mercury					▼	▼	▼	▼	▼													●	●	●	●	●
	Yellow Perch	Mercury	▲	▼	▼	▼	▼													▲	●	●	●	●				

Also applies to tributaries into which migratory species enter.

* See Mercury Advisory on page 5.

A. When multiple contaminants are listed, each chemical was analyzed separately for the appropriate advisory and the most protective advisory selected.

Updated April 2008. Advisory updates may be issued at any time upon receipt of significant new findings or changes in advisory criteria. For further information or the most up-to-date advice contact the **Michigan Department of Community Health Division of Environmental Health at 1-800-648-6942.**

* See Mercury Advisory on page 5.

Also applies to tributaries into which migratory species enter.



*Michigan Department
of Community Health*



*Jennifer M. Granholm, Governor
Janet Olszewski, Director*

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