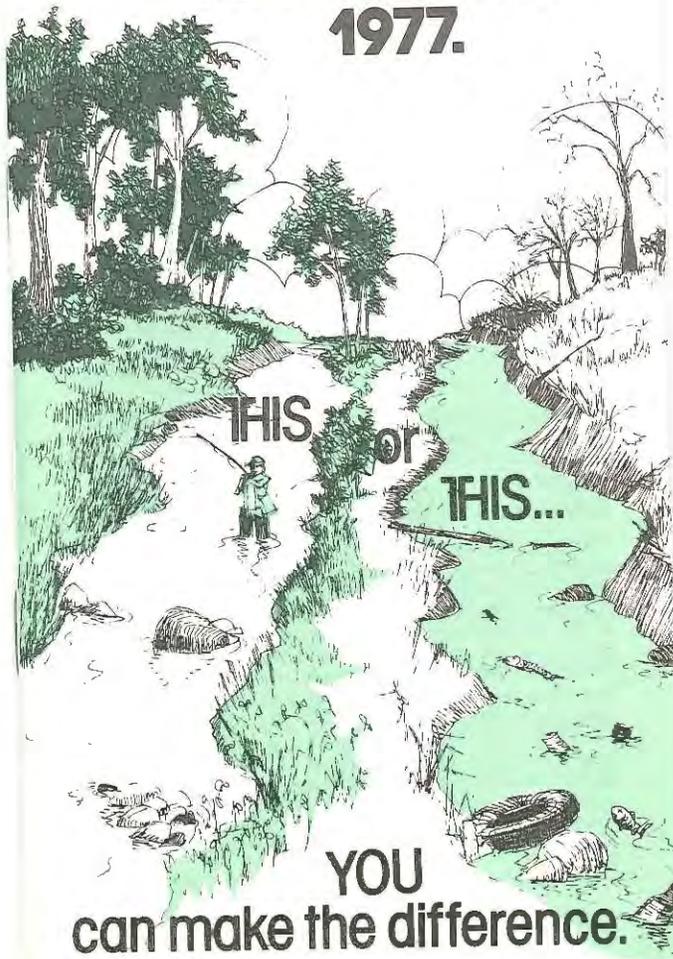


## **APPENDIX A**

### **Fish Consumption Advisories**

# WISCONSIN FISHING REGULATIONS 1977.



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This pamphlet is not a complete set of fishing laws but it supplies the essential information. Please read it carefully. If you have any questions, contact personnel at Department of Natural Resources field stations.

**A separate spearing and netting regulations pamphlet applying to spears, dip nets, seines, set lines, skin diving and turtle and frog regulations is available on request.**

### CAUTION ON EATING FISH

Polychlorinated biphenyls (PCB's) accumulate in the fat of fish living in waters which have received discharges or fallout from the air containing PCB's. Low fat species, such as yellow perch and bluegill, do not accumulate PCB's to the same extent as the larger fish of the high fat species including carp, trout and salmon.

Fish from the following waters may exceed standards for PCB's established by the U.S. Food and Drug Administration: (1) carp from Green Bay and Lake Michigan; (2) trout and salmon over 20 inches from Green Bay and Lake Michigan; (3) carp from the Fox River between Lake Winnebago and Green Bay; (4) catfish, carp and white bass in the Mississippi River from Prescott to and including Lake Pepin; and (5) carp in the Fox River from Portage north to the Columbia County line.

The Wisconsin Division of Health has advised that fish consumers refrain from eating more than one meal per week of such fish, and that expectant mothers and children be cautioned to limit their intake to one average size serving of such fish per week.

## Department of Natural Resources

### Field Stations

#### NORTHWEST DISTRICT:

|                 |              |
|-----------------|--------------|
| Brule.....      | 715-736-2811 |
| Hayward.....    | 715-634-2688 |
| Spooner.....    | 715-635-2101 |
| Park Falls..... | 715-762-4414 |

#### NORTH CENTRAL DISTRICT:

|                       |              |
|-----------------------|--------------|
| Antigo.....           | 715-623-4145 |
| Rhineland.....        | 715-362-7616 |
| Wisconsin Rapids..... | 715-423-5670 |
| Woodruff.....         | 715-356-5211 |

#### WEST CENTRAL DISTRICT:

|                        |              |
|------------------------|--------------|
| Black River Falls..... | 715-284-5301 |
| Eau Claire.....        | 715-836-5155 |
| La Crosse.....         | 608-788-2534 |
| Menomonie.....         | 715-232-2631 |

#### LAKE MICHIGAN DISTRICT:

|                |              |
|----------------|--------------|
| Green Bay..... | 414-494-9601 |
| Marinette..... | 715-732-0101 |
| Oshkosh.....   | 414-424-3050 |
| Wautoma.....   | 414-787-3336 |

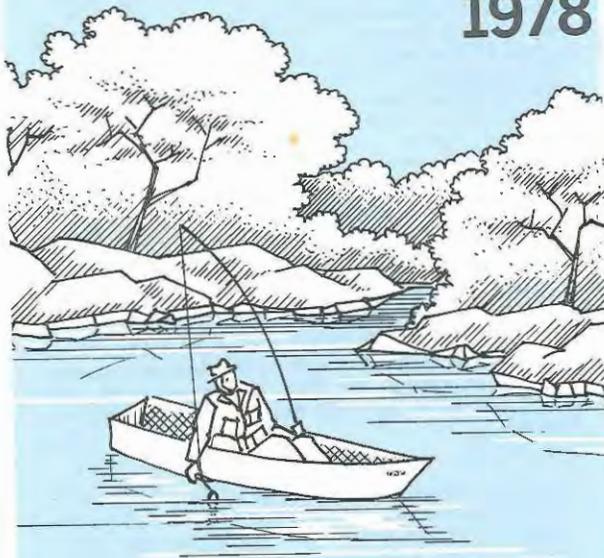
#### SOUTHERN DISTRICT:

|                 |              |
|-----------------|--------------|
| Dodgeville..... | 608-935-3368 |
| Horicon.....    | 414-485-4434 |
| Madison.....    | 608-266-2628 |

#### SOUTHEAST DISTRICT:

|                |              |
|----------------|--------------|
| Milwaukee..... | 414-257-6543 |
|----------------|--------------|

# WISCONSIN FISHING REGULATIONS 1978



**RELEASING FISH:** Wisconsin research on deeply hooked trout and other species shows that if the leader is clipped and the hook left undisturbed, nearly six times as many of those fish released survive. Please consider this when releasing undersized fish.

**STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
MADISON, WISCONSIN**

Pub. 4-1020(77)

## CAUTION ON EATING FISH

Persons Fishing In Wisconsin Waters Should Be Aware Of The Potential Risk Involved With Frequently Eating Certain Fish Which Have Been Contaminated By A Toxic Industrial Chemical, Polychlorinated Biphenyl.

Polychlorinated biphenyls (PCBs) accumulate in the fat of fish living in waters which have received discharges or fallout containing PCBs. Low fat species, such as yellow perch and bluegill, do not accumulate PCBs to the same extent as the larger fish of the high fat species, including carp, trout and salmon.

Fish from the waters listed below may exceed standards for PCBs established by the U.S. Food and Drug Administration.

The Wisconsin Division of Health has advised that fish consumers avoid eating more than one meal or ½ pound per week of the listed fish; and, that lactating mothers, expectant mothers, and any females who anticipate bearing children, not eat any of these fish. The Division of Health also recommends that children ages 6 and under not eat these fish.

- (1) Carp from Green Bay and Lake Michigan.
- (2) Trout and salmon over 20 inches from Green Bay and Lake Michigan.
- (3) All species from the lower Fox River downstream from Lake Winnebago to Green Bay, except perch and northern pike in Little Lake Butte Des Morts.
- (4) Bullheads and catfish in Southern Green Bay.
- (5) Catfish, carp and white bass in the Mississippi River from Prescott to and including Lake Pepin.
- (6) Carp in the Fox River from Portage north to the Columbia County line.

Levels of PCB can be reduced prior to cooking the fish by removing the skin and all fatty portions along the back, side and belly.

- 1 Year — \$ 4.50  
 2 Years — \$ 8.00  
 3 Years — \$11.50

(please print)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

- Check enclosed (to Wisconsin Department of Natural Resources)  
 Bill me later  
 New subscription  
 Renewal or Extension

Mail to: Wisconsin Natural Resources  
 Box 7191  
 Madison, Wisconsin 53707

# WISCONSIN FISHING REGULATIONS 1979



*Trout Habitat Improvement provided by  
Trout Stamp Funds*

## FISHING ETHICS

A good angler realizes that besides the legal regulations summarized in this pamphlet, there are other unwritten, ethical standards that should be followed. A person can be a licensed, law-abiding angler, and still be a poor sportsman or sportswoman.

Ethical anglers have respect for their quarry, before and after taking it, and know that there is much more to fishing than just getting a limit. They respect the rights and property of others.

With the increasing anti-harvest attitude of many people, and increasing number of anglers, it is extremely important that you set a good example by following these rules:

- \* Do not trespass on private property without permission
- \* Pick up the litter of others who thoughtlessly leave it on the stream bank
- \* Don't toss empty cans or wrappers overboard
- \* Brush up on your identification of various species of fish in order to abide by the regulations
- \* Get a copy of a wild game cook book and be sure that all meat is utilized
- \* Don't pull up close to other boaters
- \* Do your part to minimize water use conflicts.
- \* Remember that in calm weather voices carry long distances over water and may disturb people on shore
- \* Become acquainted with the rules of safe boating and always carry proper flotation equipment
- \* Report to a conservation warden those who violate regulations, trespass, or destroy property.

## FISH CONSUMPTION ADVISORY

**PERSONS FISHING IN WISCONSIN WATERS SHOULD BE AWARE OF THE POTENTIAL RISK INVOLVED WITH FREQUENTLY EATING CERTAIN FISH WHICH HAVE BEEN CONTAMINATED BY A TOXIC INDUSTRIAL CHEMICAL, POLYCHLORINATED BIPHENYL.**

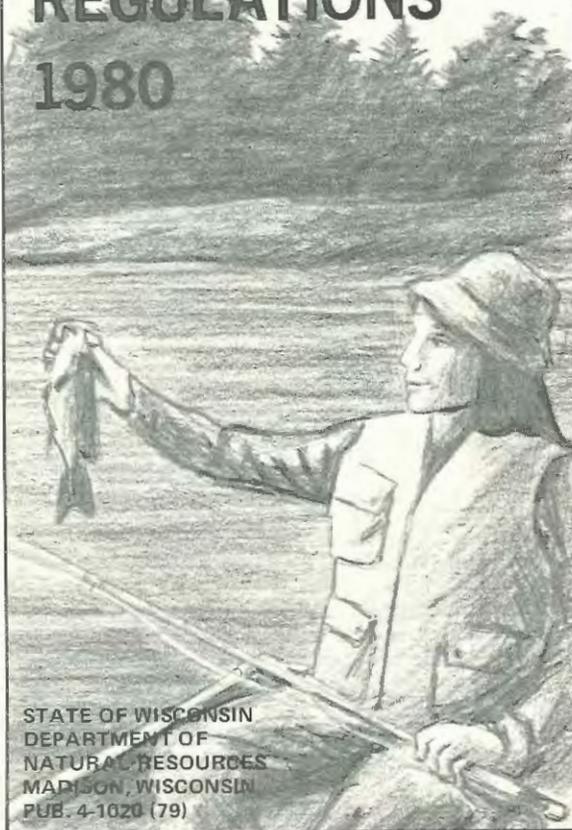
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Fish from the waters listed below may exceed standards for PCBs established by the U.S. Food and Drug Administration.

- I. The Wisconsin Division of Health has advised that consumers **not eat any fish** from waters listed below:
  - (A) Sheboygan River from the Sheboygan Falls Dam to the Coast Guard Station in Sheboygan, including the Greendale and Weeden's Creek tributaries.
  - (B) Onion River from Gibbville to the junction with the Sheboygan River in Sheboygan Falls.
- II. The Wisconsin Division of Health has further advised that fish consumers **avoid eating more than one meal or ½ pound per week** of the fish listed below; and, that lactating mothers, expectant mothers, and any females who anticipate bearing children, not eat any of these fish. The Division of Health also recommends that children ages 6 and under not eat these fish.
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  - (D) Bullheads and whitefish in Southern Green Bay south of a line from Pensaukee to Little Sturgeon.
  - (E) Catfish, carp and white bass in the Mississippi River from Prescott to and including Lake Pepin.
  - (F) All species in the Fox River from Portage north to, but not including, Buffalo Lake.

Laboratory tests show that the level of PCBs in lake trout can be reduced by about 30% prior to cooking, by removing the skin and all fatty portions along the back, sides, and belly. This procedure is recommended when preparing fish from the areas listed above.

# WISCONSIN FISHING REGULATIONS 1980

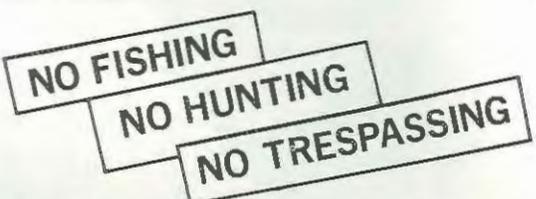


STATE OF WISCONSIN  
DEPARTMENT OF  
NATURAL RESOURCES  
MADISON, WISCONSIN  
PUB. 4-1020 (79)

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This pamphlet is not a complete set of fishing laws but it supplies the essential information. Please read it carefully. If you have any questions, contact personnel at Department of Natural Resources field stations.



### SIGNS LIKE THESE ARE BAD NEWS FOR SPORTSMEN

The ORAP 200 acquisition and development program has opened thousands of acres of recreational lands that otherwise would have been closed by private ownership. ORAP 200 is due to expire next year. But we can keep it alive with a plan being readied for the State Legislature. Let's hope all lovers of Wisconsin's outdoors will continue to support this fine program in its new concept for the benefit of all citizens.

## FISH CONSUMPTION ADVISORY

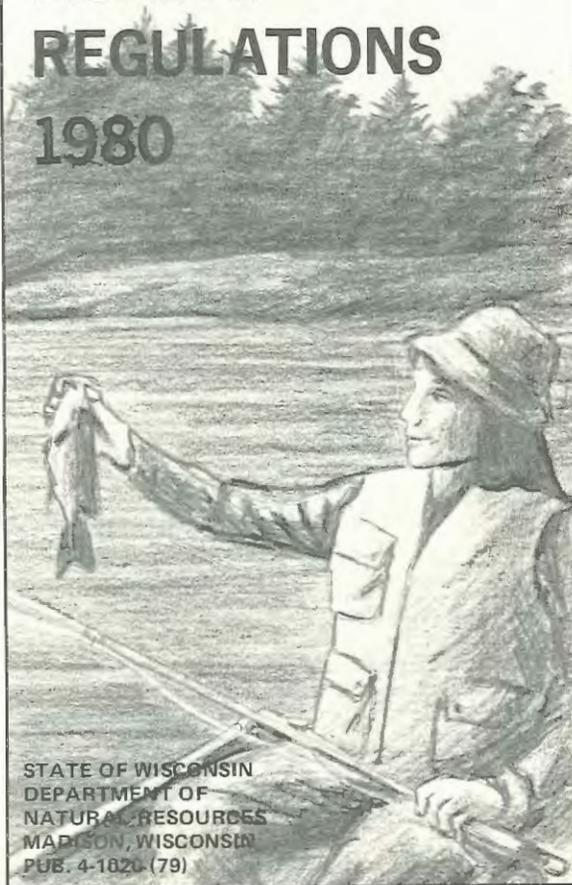
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  - (B) Southern Green Bay south of a line from Pensauckee to Little Sturgeon Bay—Bullheads and Whitefish.
  - (C) Lake Michigan—Trout and salmon over 20 inches in length and carp.
  - (D) Lower Fox River downstream from Lake Winnebago to Green Bay—all species (except northern pike and perch in Little Lake Butte des Morts).

# WISCONSIN FISHING REGULATIONS 1980



STATE OF WISCONSIN  
DEPARTMENT OF  
NATURAL RESOURCES  
MADISON, WISCONSIN  
PUB. 4-1820 (79)

- (E) Mississippi River from Prescott to and including Lake Pepin—catfish, carp and white bass.
- (F) Fox River from Portage north to, but not including, Buffalo Lake—all species.
- (G) Milwaukee River from Thiensville to Lake Michigan—redhorse and carp.
- (H) Pike River in Kenosha to Lake Michigan—carp.
- (I) Root River from the Horlich dam in Racine to Lake Michigan—carp.

In early September of 1979 the U.S. Food and Drug Administration was considering lowering the PCB limit in fish sold for interstate commerce from 5 parts per million (ppm) to 2 ppm. If the proposed 2 ppm limit is adopted anglers should follow the advisory for the following species as well.

- (J) Green Bay—all trout and salmon.
- (K) Southern Green Bay—northern pike, smelt, white sucker and yellow perch.
- (L) Lake Michigan—all trout and salmon.
- (M) Lower Sheboygan River—all species.
- (N) Lower Fox River from Neenah to Green Bay—all species.
- (O) Upper Fox River from Portage to Buffalo lake—all species.
- (P) Mississippi River above Alma—sheepshead, catfish, carp, buffalo, white bass, white sucker, redhorse and walleye.
- (Q) Mississippi River below Alma—carp, redhorse, buffalo and catfish.
- (R) Wisconsin River below Broken to the the Wisconsin Dells dam—carp and buffalo.

**Laboratory tests show that the level of PCB's in lake trout can be reduced by about 30 percent prior to cooking by removing the skin and all fatty portions along the back, sides and belly. This procedure is recommended when preparing fish from areas listed above.**

A DNR brochure on fish preparation, "Can We Remove PCB's from Fish?" is available from the Bureau of Fish Management upon request by contacting the Department of Natural Resources, Box 7921, Madison, WI 53707.

## SIGNIFICANT 1980 REGULATION CHANGES

- Two lines with no more than two hooks or baits attached to each line may be used to fish Lake Michigan, Sturgeon Bay and Green Bay.
- Sport trolling is prohibited in all areas of the Lake Superior Gull Island shoal refuge.
- There is no shovelnose sturgeon open season on the Chippewa River above the I-94 bridge, Eau Claire County.
- Washburn County has no walleye or sauger size limit.
- There is an extended trout season on Rogers Lake, Langlade County, and Larsons Lake, Lincoln County. See pages 12-13.
- McGee Lake, Langlade County has a special trout regulation. See page 14.
- The walleye size limit has been removed on Wisconsin-Michigan boundary waters except for the Menominee River, Bad Water Lake and portions of the Montreal and Brule Rivers where the 13 inch minimum size limit has been retained.

**A separate spearing and netting regulations pamphlet applying to spears, dip nets, seines, set lines, skin diving and turtle and frog regulations is available on request.**

**WISCONSIN  
FISHING  
REGULATIONS  
1981—1982**



*"TAKE A KID FISHING"*

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**This pamphlet contains regulation changes for 1981-82. If additional changes are made for 1982 a flyer will be available when anglers purchase their 1982 license.**

# orap

## 2000

RESOURCES FOR THE PEOPLE  
OUR OUTDOOR HERITAGE

The ORAP acquisition and development program during the past 20 years has opened thousands of acres of recreational lands that otherwise would have been closed by private ownership.

The current ORAP 200 is due to expire in 1981. But we can keep it alive with the ORAP 2000 proposal being readied for the State Legislature. Let's hope all lovers of Wisconsin's outdoors will continue to support this fine program in its new concept for the benefit of all citizens.

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- (F) Fox River from Portage north to, but not including, Buffalo Lake—all species.
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## Department of Natural Resources Field Stations

### NORTHWEST DISTRICT:

|                  |              |
|------------------|--------------|
| Brule .....      | 715-372-4866 |
| Hayward .....    | 715-634-2688 |
| Park Falls ..... | 715-762-4414 |

### NORTH CENTRAL DISTRICT:

|                        |              |
|------------------------|--------------|
| Antigo .....           | 715-623-4145 |
| Wisconsin Rapids ..... | 715-423-5670 |
| Woodruff .....         | 715-356-5211 |

### WEST CENTRAL DISTRICT:

|                         |              |
|-------------------------|--------------|
| Black River Falls ..... | 715-284-5301 |
| Eau Claire .....        | 715-836-5155 |
| La Crosse .....         | 608-785-9000 |

### LAKE MICHIGAN DISTRICT:

|                 |              |
|-----------------|--------------|
| Green Bay ..... | 414-494-4040 |
| Marinette ..... | 715-732-0101 |
| Oshkosh .....   | 414-424-3050 |

### SOUTHERN DISTRICT:

|                  |              |
|------------------|--------------|
| Dodgeville ..... | 608-935-3368 |
| Horicon .....    | 414-485-4434 |
| Madison .....    | 608-266-3696 |

### SOUTHEAST DISTRICT:

|                 |              |
|-----------------|--------------|
| Eagle .....     | 414-594-2135 |
| Milwaukee ..... | 414-257-6543 |

### SIGNIFICANT REGULATION CHANGES

- The salmon bag limit on Lake Superior is increased from 5 to 10 fish in aggregate.
- Two lines may be used to which two baits may be attached to each line when fishing Lake Superior.
- An extended fall trout season is provided on specified Bayfield and Douglas County Streams. Page 12
- The trout bag limit in the southern block of counties having the January 1 opening is reduced from 5 to 2 fish until the first Saturday in May when the bag limit is raised to 5 in aggregate for the remainder of the open season.
- There is a fishing for fun section on Trout Creek, Iowa County. All trout caught must be released.
- There will be a lake sturgeon spearing open season on the third Saturday in February to and including the following Sunday in Lakes Butte de Morts, Poygan, Winneconne and connecting waters. **The open season is for 1981 only.** The next open season would be

# WISCONSIN FISHING REGULATIONS 1983-1984

## FISHING ETHICS

A good angler realizes that besides the legal regulations summarized in this pamphlet, there are other unwritten, ethical standards that should be followed. A person can be a licensed, law-abiding angler, and still be a poor sportsman or sportswoman.

Ethical anglers have respect for their quarry, before and after taking it, and know that there is much more to fishing than just getting a limit. They respect the rights and property of others.

With the increasing anti-harvest attitude of many people, and increasing numbers of anglers, it is extremely important that you set a good example by following these rules:

- ★ Do not trespass on private property without permission.
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- ★ Brush up on your identification of various species of fish in order to abide by the regulations.
- ★ Get a copy of a wild game cookbook and be sure that all meat is utilized.
- ★ Don't pull up close to other boaters.
- ★ Do your part to minimize water use conflicts.
- ★ Remember that in calm weather voices carry long distances over water and may disturb people on shore.
- ★ Become acquainted with the rules of safe boating and always carry proper flotation equipment.
- ★ Report to a conservation warden those who violate regulations, trespass, or destroy property.

## RECORD FISH

Fish caught that may be state records should be handled in the following manner to assure verification:

- Keep the fish cool, on ice if possible.
- Do not clean the fish.
- Contact nearest DNR station.
- Get fish weighed as soon as possible on a certified scale.

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**This pamphlet contains regulation changes for 1983-84. If additional changes are made for 1984 a flyer will be available when anglers purchase their 1984 license.**

## PUBLIC HEARING

You are invited and encouraged to provide input in the creation of fish, game and trapping regulations by attending annual department public hearings. Normally they are held in each county in April. Specific dates and locations will be available by March of each year.

**RELEASING FISH:** Wisconsin research on deeply hooked trout and other species shows that if the leader is clipped and the hook left undisturbed, nearly six times as many of those fish released survive. Please consider this when releasing undersized fish.

## FISH CONSUMPTION ADVISORY

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  - (A) Sheboygan River from the Sheboygan Falls Dam to the Coast Guard Station in Sheboygan, including the Greendale and Weeden's Creek tributaries.
  - (B) Onion River from Gibbsville to the junction with the Sheboygan River in Sheboygan Falls.
- II. The Wisconsin Division of Health has further advised that fish consumers **avoid eating more than one meal or 1/2 pound per week** of fish listed below; and, that lactating mothers, expectant mothers, and any females who anticipate bearing children, not eat any of these fish. The Division of Health also recommends that children age 6 and under not eat these fish.
  - (A) Green Bay — Trout over 20 inches in length and carp.
  - (B) Southern Green Bay south of a line from Pensaukee to Little Sturgeon Bay — Bullheads and whitefish.
  - (C) Lake Michigan — Trout over 20 inches in length and carp.
  - (D) Lower Fox River downstream from Lake Winnebago to Green Bay — All species (except northern pike and perch in Little Lake Butte des Morts).
  - (E) Mississippi River from Prescott to and including Lake Pepin — Catfish, carp and white bass.

- (F) Fox River from Portage north to, but not including, Buffalo Lake — All species.
- (G) Milwaukee River from Thiensville to Lake Michigan — Redhorse and carp.
- (H) Pike River in Kenosha to Lake Michigan — Carp.
- (I) Root River from the Horlich dam in Racine to Lake Michigan — Carp.

Anglers will be advised of any modifications to this advisory as data becomes available.

Laboratory tests show that the level of PCB's in lake trout can be reduced by about 30 percent prior to cooking by removing the skin and all fatty portions along the back, sides and belly. This procedure is recommended when preparing fish from areas listed above.

## Department of Natural Resources Field Stations

### NORTHWEST DISTRICT:

Brule ..... 715-372-4866  
Cumberland ..... 715-822-3590  
Park Falls ..... 715-762-4414

### NORTH CENTRAL DISTRICT:

Antigo ..... 715-627-4317  
Wisconsin Rapids ..... 715-423-5670  
Woodruff ..... 715-356-5211

### WEST CENTRAL DISTRICT:

Black River Falls ..... 715-284-5301  
Eau Claire ..... 715-836-5155  
La Crosse ..... 608-785-9000

### LAKE MICHIGAN DISTRICT:

Green Bay ..... 414-494-4040  
Marinette ..... 715-732-0101  
Oshkosh ..... 414-424-3050

### SOUTHERN DISTRICT:

Dodgeville ..... 608-935-3368  
Horicon ..... 414-485-4434  
Madison ..... 608-266-3696

### SOUTHEAST DISTRICT:

Kansasville ..... 414-878-5223  
Eagle ..... 414-594-2135  
Milwaukee ..... 414-257-6543

**24 HOUR TOLL-FREE HOTLINE FOR REPORTING  
VIOLATIONS STATEWIDE 1-800-362-3020**

## SIGNIFICANT REGULATION CHANGES

- No person may have live crayfish in possession or use live crayfish as bait when fishing on inland waters except the Mississippi River.
- The minimum statewide size limit for muskellunge is raised to 32 inches. There are experimental muskellunge minimum 34-inch size limits on Bone Lake, Polk County, and Big Lake, Vilas County.
- A closed season is established on taking turtles from May 1 to June 15 inclusive on inland waters except the Mississippi River.
- Lake Sturgeon taken on hook and line must be tagged by the angler and registered at a department station.
- The minimum size limit on splake in Lake Superior tributary streams is 6 inches during the general season and 10 inches during the extended season.
- There is a closed perch season from April 8 to May 19 in Green Bay. During the open season the daily bag limit is 25.
- The daily bag limit on perch is 50 in Lakes Superior and Michigan.
- Trout and salmon snagging areas in Door and Marinette Counties have been reduced. See page 17.
- Motor trolling is prohibited on Lakes Mohawksin, Lincoln County; Katherine, Oneida County; and Winter, Sawyer County.
- There are experimental trout regulations on a portion of the Namekagon River, Sawyer County and all trout water on Trout Creek, Iowa County.

**SPEARING-NETTING:** A separate spearing and netting regulations pamphlet applying to spears, dip nets, seines, set lines, skin diving and turtle and frog regulations is available on request.

**INDIAN RESERVATIONS:** Indian Reservations in Wisconsin represent a unique complex of federal, state, and tribal law. Resource users should ascertain the current tribal resource policy at the tribal headquarters before entering a reservation for hunting and fishing purposes. Failure to do so may leave the user in conflict with the law.

## LICENSE PROVISIONS

**Resident** means a person who has maintained his or her place of permanent abode in this state for a period of 30 days immediately preceding his or her application for license. Domiciliary intent is required to establish that a person is maintaining his or her place of permanent abode in this state. Mere ownership of property is not sufficient to establish

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**WISCONSIN  
FISHING  
REGULATIONS  
1984**

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This program receives Federal aid in fish restoration. Under Title VI of the Civil Rights Act of 1964, the U.S. Department of the Interior prohibits discrimination on the basis of race, color, or national origin. If you believe that you have been discriminated against in any program, activity, facility, or if you desire further information regarding Title VI, please write to: Affirmative Action Office; DNR; Box 7921; Madison, WI 53707.

## RECORD FISH

Fish caught that may be state records should be handled in the following manner to assure verification:

- Keep the fish cool, on ice if possible.
- Do not clean the fish.
- Contact nearest DNR station.
- Get fish weighed as soon as possible on a certified scale.

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**This pamphlet is not a complete set of fishing laws but it supplies the essential information. Please read it carefully. If you have any questions, contact personnel at Department of Natural Resources field stations.**

**SPEARING-NETTING:** A separate spearing and netting regulations pamphlet applying to spears, dip nets, seines, set lines, skin diving and turtle and frog regulations is available on request.

## PUBLIC HEARING

You are invited and encouraged to provide input in the creation of fish, game and trapping regulations by attending annual department public hearings. Normally they are held in each county in April. Specific dates and locations will be available by March of each year.

**RELEASING FISH:** Wisconsin research on deeply hooked trout and other species shows that if the leader is clipped and the hook left undisturbed, nearly six times as many of those fish released survive. Please consider this when releasing undersized fish.

**TAGGED FISH:** In many state waters, anglers may catch fish that have been tagged by fishery personnel. If you catch a tagged fish please remove the tag and send the tag to the nearest Department of Natural Resources office. It would be appreciated if you would provide information on the date the fish was caught and its length and weight.

## FISH CONSUMPTION ADVISORY

**PERSONS FISHING IN WISCONSIN WATERS SHOULD BE AWARE OF THE POTENTIAL RISK INVOLVED WITH FREQUENTLY EATING CERTAIN FISH WHICH HAVE BEEN CONTAMINATED BY A TOXIC INDUSTRIAL CHEMICAL, POLYCHLORINATED BIPHENYL.**

Polychlorinated biphenyls (PCBs) accumulate in the fat of fish living in waters which have received discharges or fallout containing PCBs. Low fat species, such as yellow perch and bluegill, do not accumulate PCBs to the same extent as the larger fish of the high fat species, including carp, trout and salmon.

Fish from the waters listed below may exceed standards for PCBs established by the U.S. Food and Drug Administration. Persons who may be eating turtles taken from these waters are reminded to remove fatty tissue areas prior to cooking and eat only the lean meat.

1. The Wisconsin Division of Health has advised that consumers **not eat any fish** from waters listed below:
  - (A) Sheboygan River from the Sheboygan Falls Dam to the Coast Guard Station in Sheboygan, including the Greendale and Weeden's Creek tributaries.
  - (B) Onion River from Gibbsville to the junction with the Sheboygan River in Sheboygan Falls.
2. The Wisconsin Division of Health has further advised that fish consumers avoid eating more than one meal or ½ pound per week of fish listed below; and, that lactat-

ing mothers, expectant mothers, and any females who anticipate bearing children, not eat any of these fish. The Division of Health also recommends that children age 6 and under not eat these fish.

- (A) Green Bay — Trout and salmon over 20 inches in length and carp.
- (B) Southern Green Bay south of a line from Pensaukee to Little Sturgeon Bay — Bullheads and Whitefish.
- (C) Lake Michigan — Trout and salmon over 20 inches in length and carp.
- (D) Lower Fox River downstream from Lake Winnebago to Green Bay — All species (except northern pike and perch in Little Lake Butte des Morts).
- (E) Mississippi River from Prescott to and including Lake Pepin — Catfish, carp and white bass.
- (F) Fox River from Portage north to, but not including, Buffalo Lake — All species.
- (G) Milwaukee River from Thiensville to Lake Michigan — Redhorse and carp.
- (H) Pike River in Kenosha to Lake Michigan — Carp.
- (I) Root River from the Horlich dam in Racine to Lake Michigan — Carp.

3. As of June 12, 1983, Secretary C. D. Besadny suspended commercial fishing on the Wisconsin River from the Nekoosa Dam downstream to the Castle Rock Dam due to dioxin contamination of carp. This suspension includes all of the Petenwell and Castle Rock Flowages. Consumers are advised not to eat any carp from this portion of the Wisconsin River.

Anglers will be advised of any modifications to this advisory as data becomes available.

**Laboratory tests show that the level of PCB's in lake trout can be reduced by about 30 percent prior to cooking by removing the skin and all fatty portions along the back, sides and belly. This procedure is recommended when preparing fish from areas listed above.**

## DEPARTMENT OF NATURAL RESOURCES FIELD STATIONS

### NORTHWEST DISTRICT:

Brule ..... 715-372-4866  
 Cumberland ..... 715-822-3590  
 Park Falls ..... 715-762-4414

### NORTH CENTRAL DISTRICT:

Antigo ..... 715-627-4317  
 Wisconsin Rapids ..... 715-423-5670

Woodruff ..... 715-356-5211

**WEST CENTRAL DISTRICT:**  
 Black River Falls ..... 715-284-5301  
 Eau Claire ..... 715-836-5155  
 La Crosse ..... 608-785-9000

**LAKE MICHIGAN DISTRICT:**  
 Green Bay ..... 414-497-4020  
 Marinette ..... 715-732-0101  
 Oshkosh ..... 414-424-3050

**SOUTHERN DISTRICT:**  
 Dodgeville ..... 608-935-3368  
 Horicon ..... 414-485-4434  
 Madison ..... 608-266-3696

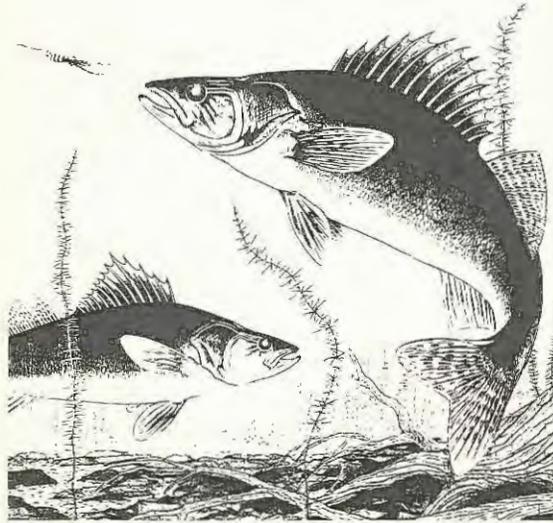
**SOUTHEAST DISTRICT:**  
 Kenosha County ..... 414-652-0377  
 Racine County ..... 414-878-4416  
 Eagle ..... 414-594-2135  
 Milwaukee ..... 414-562-9500

**24 HOUR TOLL-FREE HOTLINE FOR REPORTING VIOLATIONS STATEWIDE 1-800-362-3020**

## SIGNIFICANT REGULATION CHANGES

- The muskellunge season opens on May 26 north of State Hwy. 10.
- In Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington and Waukesha County spring ponds and streams, the trout daily bag limit is reduced to 2 trout in aggregate. This does not include Lake Michigan tributaries upstream to the first dam or lake and other lakes (ponds) stocked on a put and take basis.
- Only 2 rainbow trout may be included in the 5 aggregate trout and salmon daily bag limit on lake Superior tributary streams during the extended seasons. See page 20.
- Trout and salmon snagging is no longer permitted in the Fox River, Brown County nor the Oconto River and its tributaries in Oconto County. Night time fishing is permitted on these rivers and streams.
- Motor trolling is prohibited on all Vilas County waters except Smoky Lake.
- Turtle traps must be raised and the contents removed at least once each day following the day set in inland waters, Iowa and Michigan boundary waters and at least 48 hours in Minnesota boundary waters. There is a closed season on taking turtles from May 1 to June 15 except on the Mississippi River where there is no closed season. This rule does not ap-

*Grace Bisch*  
**SUMMARY  
OF  
WISCONSIN  
FISHING  
REGULATIONS  
1985**



Wisconsin Department of Natural Resources

This program receives federal aid in fish restoration. Under Title VI of the Civil Rights Act of 1964, the U.S. Department of the Interior prohibits discrimination on the basis of race, color, or national origin. If you believe that you have been discriminated against in any program, activity, facility, or if you desire further information regarding Title VI, please write to: Affirmative Action Office, DNR, Box 7921, Madison, WI 53707.

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**This pamphlet is not a complete set of fishing laws but it supplies the essential information. Please read it carefully. If you have any questions, contact personnel at Department of Natural Resources field stations.**

**SPEARING-NETTING:** A separate spearing and netting regulations pamphlet applying to spears, dip nets, seines, set lines, skin diving and turtle and frog regulations is available on request.

## HEALTH ADVISORY FOR FISH EATERS

The U.S. Food and Drug Administration (FDA) has determined that certain health risks exist for people who eat fish that have become contaminated with toxic pollutants. FDA has established health standards for these pollutants. Fish that contain more toxic chemicals than allowed by the stan-

dards may not be sold for human consumption.

The Wisconsin Department of Natural Resources uses FDA standards to assess whether fish caught by anglers in state waters are safe to eat. Different species and sizes of fish from waters all over the state are collected each year, then tested for contaminants by a state laboratory.

The most recent set of fish samples, which were collected in 1982 and 1983, shows that fish from most Wisconsin waters do not contain toxic pollutants. However, some fish from a few state waters were found to contain PCBs, DDT, toxaphene, chlordane, dieldrin, mercury, dioxins or furans at levels higher than FDA standards. For this reason, the Wisconsin Division of Health and the Department of Natural Resources have issued a health advisory for some fish from these contaminated waters.

To understand how this advisory relates to you, please use the key and read the health advisory below, then refer to the chart on the following two pages.

|                             |  |
|-----------------------------|--|
| <b>Key</b>                  |  |
| Concentration of pollutants |  |
| <b>LOW</b>                  | Group 1 fish meet the following FDA health standards: PCBs-2 parts per million; DDT-5 ppm; toxaphene-5 ppm; chlordane-0.3 ppm; dieldrin-0.3 ppm; mercury-1 ppm and dioxin-50 parts per trillion. No standard has been set for furans. These standards are based on an average fish consumption of 13 pounds per person per year. |
| <b>MODERATE</b>             | Group 2, 3 and 4 fish do not meet FDA standards. Contaminant levels in these fish range from Moderate (just over FDA standards) to Extremely High (well over FDA standards).   |
| <b>HIGH</b>                 |  |
| <b>EXTREMELY HIGH</b>       |  |

### HEALTH ADVISORY

- **EVERYONE SHOULD AVOID EATING FISH IN GROUPS 3 AND 4.**
- **INFANTS, CHILDREN, PREGNANT WOMEN, NURSING MOTHERS AND WOMEN IN THEIR REPRODUCTIVE YEARS WHO WISH TO HAVE CHILDREN SHOULD AVOID EATING FISH IN GROUPS 2, 3, AND 4.**

## HEALTH ADVISORY CHART

| Concentration of Toxic Pollutants in Fish from Contaminated Wisconsin Waters   | GROUP 1<br>LOW                             | GROUP 2<br>MODERATE  | GROUP 3<br>HIGH<br>Do NOT Eat These Fish!  | GROUP 4<br>EXTREMELY HIGH<br>Do NOT Eat These Fish!   |
|--|--|--|--|---|
| <b>LAKE MICHIGAN and TRIBUTARIES</b>   |  |  |  |   |
| Lake Michigan, Green Bay and Sturgeon Bay<br>Also applies to trout and salmon migrating into tributaries   | Rainbow smelt<br>Yellow perch<br>Bullheads | Walleye (except Little Sturgeon Bay)<br>Brook trout*<br>Lake whitefish<br>Northern pike<br>White sucker<br>Rainbow trout (steelhead)*<br>Chinook salmon under 25"***<br>Coho salmon under 28"*** | Lake trout under 25"***<br>Walleyes (Little Sturgeon Bay only)*<br>Smallmouth bass (Little Sturgeon Bay only; other sites not sampled)*<br>Brown trout*<br>Chinook salmon 25" or more**<br>Coho salmon 28" or more** | Lake trout 25" or more<br>Carp  |
| Lower Fox River downstream from its mouth at Green Bay upstream to the Neenah-Menasha Dam  | Rock bass<br>White sucker<br>Yellow perch  | Northern pike<br>Walleye   | White bass<br>Carp   |   |
| Upper Fox River from Portage in Columbia County north to but not including Buffalo Lake  |  | Bullhead   | Black crappie<br>Northern pike   | All other fish species  |
| Sheboygan River in Sheboygan County from the Sheboygan Falls Dam to the Coast Guard station in the city of Sheboygan, including Greendale and Weedens Creeks |  |  |  | All fish species except trout and salmon (refer to Lake Michigan advisory for trout and salmon) |
| Onion River in Sheboygan County from County Hwy. EE to the river's mouth at L. Michigan  |  |  |  | All fish species  |

|   |  |                       |   |                                   |
|---|--|-----------------------|---|-----------------------------------|
| Milwaukee River in Milwaukee County from Cedar Creek to the river's mouth at L. Michigan, including Milwaukee Harbor and the Kinnickinnic and Menomonee Rivers  | Yellow perch   | Redhorse              |   | Bluegill<br>Carp<br>Northern pike |
| Root River in Racine County from the Horlick Dam in the city of Racine to the river's mouth at L. Michigan  | White sucker   | Carp<br>Northern pike |   | Carp                              |
| Pike River in Kenosha County from Carthage College in the city of Kenosha to the river's mouth at L. Michigan   |  |                       |   | Carp                              |
| <b>LAKE SUPERIOR and TRIBUTARIES</b>  | All species  |                       |   |                                   |
| <b>NORTHERN WISCONSIN LAKES</b> (mercury contamination only):<br>Bayfield County — Siskiwit Lake; Langlade County — Summit Lake; Lincoln County — Clara Lake; Oneida County — Currie, McGrath and Sugar Camp Lakes and Vilas County — Jag and Trout Lakes | A limited number of samples of several fish species from these lakes was collected in 1983. A 1984 analysis of those samples showed that large walleyes from these lakes contain mercury levels higher than the FDA health standard of 1 part per million. Consumers should avoid eating large walleyes from these lakes until more sampling information is available. |                       |   |                                   |
| WISCONSIN RIVER Petenwell Flowage from the Nekoosa Dam to the Petenwell Dam   | Walleye<br>Northern pike<br>Crappie<br>Bullhead<br>Yellow perch  |                       |   | Carp                              |
| MISSISSIPPI RIVER off Pierce and Pepin Counties from Prescott downstream to and including Lake Pepin  | Drum<br>Walleye<br>Bluegill<br>White bass<br>Carp under 22"<br>Catfish under 21"   |                       | Carp between 22 and 26"<br>Catfish between 21 and 30" | Carp over 26"<br>Catfish over 30" |

\* Only a small number of fish species marked with this symbol on the chart have been sampled. Since more samples of these species have been collected and are being analyzed, the position of the fish on the advisory chart is likely to change.

\*\* Contaminant levels in species marked with this symbol are declining. More samples of these fish are being analyzed, so the position of this species on the advisory chart is likely to change.

**THE FISH ADVISORY CHART WILL REMAIN EFFECTIVE UNTIL APRIL 15, 1985. ON THAT DATE A SEPARATE BROCHURE CONTAINING AN UPDATED ADVISORY BASED ON 1984 FISH SAMPLES WILL BE AVAILABLE FREE FROM ALL DNR OFFICES UPON REQUEST.**

#### NOTES ON FISH CONSUMPTION ADVISORY

- If you wish to eat fish from waters listed on the chart, try to limit consumption to fish that contain the lowest levels of contaminants. Remove all fat and skin from these fish before cooking the portion you plan to eat.
- Mercury contamination similar to that observed in large, old game fish from some northern Wisconsin lakes has also been documented in some northern Minnesota and Michigan Lakes. This is a natural condition caused by the weathering of rocks, soils and sediments, rather than a result of pollution discharges into the air or water.
- Wisconsin's fish consumption advisory is based on an analysis of fish fillets, including the skin. Fish scales, entrails, heads, fins and tails are trimmed off the fillets and are not included in the tests.
- DNR's fish sampling program dates back to 1972, and was substantially expanded after 1976. The information provided by those samples shows that PCBs and other toxic pollutants in fish from state waters have greatly declined. This trend is especially true for smaller Lake Michigan chinook and coho salmon and lake trout. The downward trend in contaminant levels may continue and may be reflected in future fish consumption advisories issued for Wisconsin.

#### WHAT'S BEHIND FDA STANDARDS

FDA standards for toxic pollutants in fish are based on symptoms observed in laboratory animals that were fed contaminated fish. The fish contained levels of toxic chemicals similar to amounts typically measured in fish from polluted waters. FDA standards are also based on clinical observations of human beings who were exposed to toxic chemicals in food they ate or from other environmental sources. The standards take into account economic losses that occur when contaminated fish cannot be marketed.

Standards for many of the toxic pollutants found in fish have been established primarily because these chemicals have been proven to or are suspected of causing cancer and other health problems in human beings. The risk of developing health problems from these pollutants is highest for the developing fetus or nursing infants whose mothers are or have previously been exposed to toxic chemicals — whether in fish that were eaten or from other environmental sources. That's why FDA standards and warnings about eating contaminated fish focus on protecting infants, pregnant women, nursing mothers and women who may wish to have children.

Men, women past their child-bearing years or women who don't plan to have children face a relatively low health risk from eating contaminated fish (perhaps one cancer-caused death among 100,000 people exposed to similar levels of a particular pollutant, for example).

However, toxic chemicals may also be present in the air, in drinking water, in foods other than fish and in the workplace. These sources may increase a person's overall exposure to toxic pollutants, thus raising individual health risks. Also, some toxic chemicals may remain in the human body for months or years after exposure, which subjects a person to a long-term health risk. For these reasons, physicians advise that you limit your exposure to toxic chemicals from any source.

The fish management program operated by the Wisconsin Department of Natural Resources receives federal aid for fish restoration. Under Title VI of the 1964 Civil Rights Act, the U.S. Department of Interior prohibits discrimination on the basis of race, color or national origin. If you believe you may have been discriminated against in any program, activity or facility, or if you desire further information regarding Title VI, please write to DNR's Affirmative Action Office, P.O. Box 7921, Madison, WI 53707.

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### New Fishing Regulations for 1986

- A new Southern Zone of trout water regulations that includes all or portions of 28 southern Wisconsin counties has been created (see map showing zone boundaries on page 9). The minimum size limit for trout caught from inland waters in the Southern Zone is nine inches — no trout under nine inches may be kept. The daily limit is three trout (combined species) from May 3 through September 30 in the Southern Zone.

Note: The daily limit for trout caught in eight Southern Zone counties during the early trout season from January 1 through May 2 remains at two, but the minimum size limit is now nine inches.

- There will be NO early trout season (January 1 through May 2) in La Crosse and Vernon Counties. Anglers may fish for trout in these counties during the regular season only from May 3 at 5 a.m. through September 30. (Remember that

in La Crosse County trout waters located south of Highway 33 and in Vernon County, the minimum size limit for trout is now nine inches and the bag limit is three.)

- The trout and salmon fishing season on the Brule River, Douglas County is now closed from November 16 through March 28.

- Only one trout between 14 and 17 inches long may be kept from Timber Coulee Creek, Vernon County from Olstad Road downstream one mile (posted area). All trout under 14 inches and larger than 17 inches must be released. Only artificial lures and flies may be used.

- Each angler may fish with a total of three baits, lures or hooks on any inland water and on Wisconsin's boundary waters with Minnesota, Iowa and Michigan.

- Trout and salmon snagging is no longer allowed in Sheboygan County waters.

- No lake trout may be kept from Cathedral Point south throughout the south basin of Trout Lake, Vilas County.

- Regulations for fishing in Wisconsin-Michigan boundary waters have changed (see pages 24-25).

- There is no longer a daily limit for suckers and redbone caught from inland waters.

- Fish refuges have been established on portions of the Turtle-Flambeau Flowage, Iron County; Thornapple River, Rusk County and the Eau Claire River, Eau Claire County. These areas are posted "NO FISHING" with official DNR signs.

- Northern pike under 22 inches may not be kept from Mason Lake in Adams and Marquette Counties.

- Brook trout under 13 inches may not be kept from the Plover River, Marathon County from the County Trunk Z bridge upstream to the Totten Springs outlet. Only artificial flies and lures may be used.

- Fishing will be allowed in Ament Lake, Lincoln County in evenly-numbered years only and in Tahoe Lake, Lincoln County in odd-numbered years only.

- Only artificial flies and lures may be used to catch fish in McGee Lake, Lincoln County.

- The DNR and the Wisconsin Division of Health have made minor changes in Wisconsin's fish consumption advisory (see pages 28-31).

Note: The Department of Natural Resources has proposed new fishing restrictions for lake trout in Lake Michigan that would become effective in 1986. These changes were not final when this pamphlet was printed. Look for DNR announce-

**1986**  
**Guide to Wisconsin**  
**Hook and Line**  
**Fishing**  
**Regulations**



**Wisconsin**  
**Department of Natural Resources**

**Enjoy your Fishing —**  
**but Please Follow the Rules!**

This pamphlet does not contain a complete set of Wisconsin fishing regulations, but it does give you a summary of the most important ones that you should be aware of so that you comply with state law.

PUBL FM-301 85

## Health Advisory for fish eaters

The Wisconsin Division of Health and the Department of Natural Resources have issued a public health advisory that warns you to avoid eating or to limit your consumption of sport fish that may be contaminated with PCBs, DDT, chlordane, dieldrin or mercury.

This advice is based on laboratory tests of fish the DNR collects from state waters each year. Contaminant levels in the edible portions of tested fish are compared to standards set by the U.S. Food and Drug Administration for commercially-caught fish. FDA prohibits the sale of fish that do not meet its standards. Wisconsin's health advisory, which is detailed on the next several pages, lists the sport fish in state waters that may not meet FDA standards and provides corresponding health advice.

### Notes on fish consumption advisory

- This advisory is based on tests of fish collected from state waters from 1983 and 1984 up to July 1, 1985. Fish filets with the skins left on but without scales, entrails, heads and fins were tested.

- Data provided by DNR's fish sampling program, which dates back to 1972, show that fish from most state waters do not contain PCBs and pesticides. In waters where fish did contain these pollutants, data show that contaminant levels have greatly declined over the years. DNR has expanded its program for testing mercury in fish, but to date, the majority of Wisconsin's lakes and fish are not high in mercury. Further trends in contaminated levels will be reflected in future fish consumption advisories.

- This fish advisory will remain in effect through 1986 unless additional information becomes available that would warrant significant changes.

- If you choose to eat fish that are likely to be contaminated with PCBs and pesticides, trim the fat and skin off these fish before you cook and eat them to reduce your exposure to these pollutants. Removing the fat and skin from fish WILL NOT reduce mercury levels, however, since mercury is usually distributed throughout a fish's body. Either limit your total consumption of mercury-contaminated fish as recommended in the advisory or don't eat these fish.

- The health risks associated with eating contaminated fish are highest for developing fetuses and nursing infants. That is why this advisory is aimed particularly at infants, pregnant women, nursing mothers and women who may wish to have children.

## Health Advisory for People Eating Fish from Wisconsin Waters

### Mercury Contamination in Fish

1) *Pregnant women, nursing mothers, women who wish to bear children, infants and youngsters should not eat fish listed in waters specified below.* All other individuals should eat no more than ½ pound a week of these fish.

#### BAYFIELD COUNTY

Siskiwit Lake — Walleyes over 16 inches

#### DOUGLAS COUNTY

Dowling Lake and Lyman Lake — Walleyes over 16 inches

#### IRON COUNTY

North Bass Lake — Largemouth bass over 12 inches

#### LINCOLN COUNTY

Clara Lake — Northern pike over 21 inches

#### PRICE COUNTY

Bass Lake (Sec. 15, T40N, R2W) — Walleyes over 16 inches

#### SHAWANO COUNTY

Shawano Lake — Walleyes over 22 inches

#### VILAS COUNTY

\*Jag Lake — Walleyes under 21 inches

\*Trout Lake — Walleyes under 22 inches

#### ONEIDA COUNTY

Bass Lake (Sec. 31, T39N, R8E) — Northern pike over 24 inches

Big Carr Lake — Walleye over 15 inches

Bird Lake — Largemouth bass over 19 inches

\*Currie Lake — Walleye under 19 inches

\*Franklin Lake — Walleye under 23 inches

McGrath Lake — Largemouth bass over 15 inches

Sand Lake — Walleye over 15 inches

\*Sugar Camp Lake — Northern pike over 29 inches; smallmouth bass over 10 inches and walleye under 20 inches

ST. LOUIS RIVER below the Fond du Lac Dam, including Superior Harbor

and Allouez Bay — Walleyes over 18 inches

#### WISCONSIN RIVER

Castle Rock Flowage from the Petenwell Dam to the Castle Rock Dam —

Carp over 19 inches and walleyes over 14 inches

Petenwell Flowage from the Nekoosa Dam to the Petenwell Dam — Walleyes

over 14 inches

BRULE RIVER FLOWAGE (Paint River Pond), Florence County — Walleyes 13 inches and over

\*See additional advisory for these lakes below.

2) *No one should eat fish listed in waters specified below.*

#### ONEIDA COUNTY

Currie Lake — Walleyes over 19 inches

Franklin Lake — Walleyes over 23 inches

Sugar Camp Lake — Walleyes over 20 inches

#### VILAS COUNTY

Jag Lake — Walleyes over 21 inches

Trout Lake — Walleyes over 22 inches

The U.S. Food and Drug Administration's health standard for mercury is 1 part per million. Advice to pregnant women and children above is based on mercury levels in fish of 0.5 ppm.

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources.

*continued*

## Health Advisory for People Eating Fish from Wisconsin Waters

| PCB and Pesticide Contamination in Fish  | Group 1<br>These fish pose the lowest health risk.   | Group 2<br>Women and children should not eat these fish.   | Group 3<br>No one should eat these fish.   |
|--|--|--|--|
| LAKE MICHIGAN, GREEN BAY and the LOWER FOX RIVER from the dam at DePere to Green Bay; MILWAUKEE HARBOR; and the MENOMINEE, PESHTIGO, OCONTO, WEST and EAST TWIN and MANITOWOC RIVERS from their mouths upstream to the first dam | Smelt<br>Perch<br>Bullhead<br>Coho salmon<br>Rainbow trout<br>Lake trout under 20 inches<br>Burbot | Chinook salmon larger than 25 inches*<br>Lake trout 20 to 25 inches<br>Smallmouth bass<br>Walleye under 20 inches<br>Northern pike | Walleyes larger than 20 inches<br>Brown trout**<br>Carp<br>Lake trout larger than 25 inches<br>White sucker<br>Catfish<br>White bass |
| LOWER FOX RIVER from the Neenah-Menasha Dam to the dam at De Pere  | Bullhead<br>White sucker<br>Perch  | Northern pike<br>Walleye   | Carp larger than 16 inches   |
| UPPER FOX RIVER from Portage in Columbia County north to but not including Buffalo Lake  |  | Bullhead<br>Black crappie<br>Northern pike<br>Largemouth bass  | All other fish species   |
| SHEBOYGAN RIVER in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including GREENDALE and WEEDENS CREEKS  |  |  | All fish species except trout and salmon (refer to L. Michigan advisory for trout and salmon)  |
| ONION RIVER from Sheboygan County Hwy. EE to the Sheboygan River   |  |  | All fish species   |
| MILWAUKEE RIVER in Ozaukee and Milwaukee Counties from Cedar Creek to Lake Michigan, including the KINNICKINNIC and MEMONONEE RIVERS (See L. Michigan advisory above for trout and salmon)                                       |  | Redhorse<br>Rock bass<br>Smallmouth bass under 13 inches   | Carp<br>Northern pike  |
| CEDAR CREEK from Ozaukee County Hwy. T south of Cedarburg downstream to the Milwaukee River  |  |  | Carp   |
| ROOT RIVER in Racine County from the Horlick Dam in the City of Racine to Lake Michigan (See L. Michigan advisory above for trout and salmon)  | Carp under 19 inches   | Carp 19 to 21 inches   | Carp larger than 21 inches   |

|  |  |   |   |
|--|--|---|---|
| PIKE RIVER in Kenosha County from Carthage College in the City of Kenosha to Lake Michigan (See L. Michigan advisory above for trout and salmon)   |  |   | Carp  |
| LAKE SUPERIOR AND TRIBUTARIES (See page 29 for mercury advisory on St. Louis River)  | All fish species   |   |   |
| WISCONSIN RIVER's Petenwell Flowage from the Nekoosa Dam to the Petenwell Dam (See page 29 for mercury advisory on this flowage)   | Walleye under 14 inches<br>Northern pike<br>Crappie<br>Bullhead<br>Perch                                     |   | Carp  |
| MISSISSIPPI RIVER off Pierce and Pepin Counties from Prescott downstream to and including LAKE PEPIN (Pools 3 and 4) and the ST. CROIX RIVER from the City of Hudson to the Mississippi R. | Drum<br>Walleye<br>Bluegill<br>White bass under 11 inches<br>Carp under 17 inches<br>Catfish under 18 inches | White bass 11 to 14 inches<br>Catfish 18 to 21 inches<br>Carp 17 to 21 inches | Carp larger than 21 inches<br>Catfish larger than 21 inches<br>White bass larger than 14 inches<br>Smallmouth buffalo larger than 23 inches |
| MISSISSIPPI RIVER from the dam at Alms to the dam at Trempealeau (Pools 5, 5A and 6)   |  | Catfish 21 to 23 inches   | Carp larger than 24 inches<br>Catfish larger than 23 inches   |
| BUFFALO RIVER from Buffalo County Hwy. F to the Mississippi River  |  |   | Carp larger than 24 inches  |

**HEALTH KEY to chart above**

**GROUP 1:** Contaminant levels in 90 percent or more of tested Group 1 fish are cleaner than FDA standards. **Eating Group 1 fish poses the lowest health risk.** Trim all fat and skin from these fish before cooking and eating them.

**GROUP 2:** Contaminant levels in 50 percent or more of tested Group 2 fish are higher than FDA standards. **PREGNANT WOMEN, NURSING MOTHERS, WOMEN WHO WISH TO BEAR CHILDREN, INFANTS AND YOUNGSTERS SHOULD NOT EAT GROUP 2 FISH.** All other individuals should limit their consumption of these fish, and trim all skin and fat from Group 2 fish before cooking and eating them.

**GROUP 3:** Contaminant levels in 90 percent or more of tested Group 3 fish are higher than FDA standards. **NO ONE SHOULD EAT GROUP 3 FISH.**

\* Not enough samples of chinook salmon smaller than 25 inches have been collected to adequately establish contaminant levels in this species

\*\* Brown trout show wide, geographic variations in contaminant levels.

U.S. Food and Drug Administration  
Health Standards for Contaminants  
Commonly Found in Sport Fish

|           |                       |
|-----------|-----------------------|
| PCBs      | 2.0 parts per million |
| DDT       | 5.0 ppm               |
| Chlordane | 0.3 ppm               |
| Dieldrin  | 0.3 ppm               |
| Mercury   | 1.0 ppm               |

**1987**  
**Guide to Wisconsin**  
**Hook and Line**  
**Fishing**  
**Regulations**

**Wisconsin**  
**Department of Natural Resources**

PUBL-FM-301 86REV

### Health advisory for fish eaters

By October 1 and April 1 each year, the Wisconsin Division of Health and the Department of Natural Resources issue updated information to anglers warning them to avoid eating sport-caught fish that may contain contaminants such as mercury, polychlorinated biphenyls (PCBs) and DDT. The primary purpose for these warnings is to protect pregnant women, nursing mothers, and children from exposure to toxic pollutants.

To receive a free copy of Wisconsin's latest fish consumption advisory, contact any DNR office, or call or write DNR Bureau of Fish Management, P.O. Box 7921, Madison, WI 53707, (608) 266-1877.

## Fish Wisconsin!



**Free Fishing Day**  
Saturday, June 20, 1987

No license needed to fish that day  
in any Wisconsin water.  
All other fishing regulations apply.

30



Aldo Leopold — Commemorative Year 1987

Aldo Leopold — 1887-1948

"There are some who can live without wild things and some who cannot." — Aldo Leopold

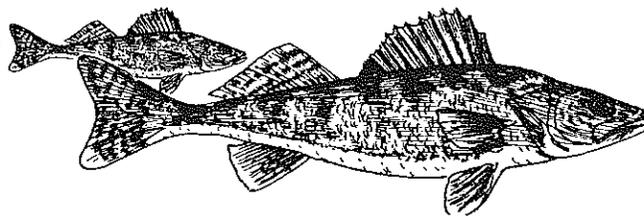
Support your endangered,  
threatened, and nongame species.  
Donate to the  
Endangered Resources Fund



31

# Health advisory for people who eat sport fish from Wisconsin waters

April 1987



This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticides (page 1 and 2), and another for fish contaminated with mercury (pages 3 through 8). Generally, people who should take the most precautions are children aged 15 or less, women in their child-bearing years, and women who are pregnant or breastfeeding.

## PCB and pesticide contamination in fish

| Group 1<br>These fish pose the lowest health risk. | Group 2<br>Women and children should not eat these fish. | Group 3<br>No one should eat these fish. |
|--|--|--|
|--|--|--|

See page 2 for specific health advice on each group of fish.

|  |   |   |  |
|--|---|---|--|
| <b>LAKE MICHIGAN</b>   | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23" <sup>**</sup><br>Chinook salmon 32 to 35"<br>Chinook salmon over 35" <sup>**</sup><br>Brown trout over 23"<br>Carp<br>Catfish  |
| <b>GREEN BAY</b> south of Marinette and all tributaries, including the <b>Menominee, Oconto, and Peshtigo Rivers</b> from their mouths up to the first dam                       | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Perch<br>Walleye up to 20"<br>Brown trout up to 12"<br>Bullhead | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20" <sup>**</sup><br>White suckers<br>White bass |
| <b>LOWER FOX RIVER</b> from its mouth up to the DePere Dam   |   |   | White bass*<br>Walleye<br>Carp*<br>White sucker  |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam  | White bass<br>Walleye up to 15"<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"  |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam   | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Catfish*   |
|  | <b>NOTE: Follow Lake Michigan advisory above for trout and salmon.</b>  |   |  |
| <b>MANITOWOC RIVER</b> from its mouth up to the first dam  | <b>NOTE: Follow Lake Michigan advisory above for trout and salmon.</b>  |   | Catfish*   |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creeks</b>    | Coho salmon up to 26"<br>Chinook salmon up to 21"   | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"                  | Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35" <sup>**</sup>  |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b> | Perch   |   | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass   |
|  | <b>NOTE: Follow Lake Michigan advisory above for trout and salmon.</b>  |   |  |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)   | Rock bass up to 8.5"<br>Largemouth bass up to 13"   | Redhorse  | Northern pike<br>Carp  |
| <b>CEDAR CREEK</b> from the Milwaukee River up to Bridge Road in the Village of Cedarburg  |   |   | All species*   |

# PCB and pesticide contamination in fish

|   | <b>Group 1</b><br>These fish pose the lowest health risk.  | <b>Group 2</b><br>Women and children should not eat these fish. | <b>Group 3</b><br>No one should eat these fish.                              |
|---|--|---|--|
| See bottom of page for specific health advice on each group of fish.  |  |   |  |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine   | Carp up to 21"   |   | Carp over 21"  |
| NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  |  |   |  |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha  |  |   | Carp   |
| NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  |  |   |  |
| <b>LAKE SUPERIOR</b>  | Lake trout up to 30"<br>Walleye up to 18"  | Walleye 18 to 26"   | Lake trout over 30"<br>Walleye over 26"                                      |
| **Indicates mercury contamination, not PCB or pesticide contamination. See specific health advice on eating mercury-contaminated fish from Lake Superior elsewhere in this publication. |  |   |  |
| <b>UPPER FOX RIVER</b> above Swan Lake downstream to Portage  | Largemouth bass<br>Crappie   |   | Carp   |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake  | Northern pike  | Crappies<br>Bullhead  | Largemouth bass<br>Carp  |
| <b>BIG GREEN LAKE</b> in Green Lake County  | Lake trout under 32"<br>Walleye<br>Carp  |   | Lake trout over 32"  |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)  |  |   | Carp   |
| NOTE: See additional advice on mercury-contaminated fish in the Petenwell Flowage elsewhere in this publication.  |  |   |  |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4) and the St. Croix River from its mouth up to the City of Hudson   | Bluegill<br>Drum<br>Walleye<br>Channel catfish up to 21"<br>Flathead catfish up to 30"<br>White bass up to 13" | Channel catfish 21 to 24"                                       | White bass over 13"<br>Channel catfish over 24"<br>Flathead catfish over 30" |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)  | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"  | Channel catfish over 21"<br>Carp over 24"                       |  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Genoa (Pools 7 and 8)  | Crappie<br>Flathead catfish<br>Carp<br>Channel catfish up to 23"<br>Walleye                                    | Channel catfish 23 to 27"                                       | Channel catfish over 27"   |

| <b>HEALTH ADVICE</b> for the chart above   |   |
|--|---|
| <b>GROUP 1:</b>  | Contaminant levels in 10 percent or less of tested Group 1 fish are higher than one or more health standards. <b>EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.</b> Trim fat and skin from Group 1 fish before cooking and eating them.  |
| <b>GROUP 2:</b>  | Contaminant levels in more than 10 percent but less than 50 percent of tested Group 2 fish are higher than one or more health standards. <b>CHILDREN UNDER 15, NURSING MOTHERS, PREGNANT WOMEN, AND WOMEN WHO ANTICIPATE BEARING CHILDREN SHOULD NOT EAT GROUP 2 FISH.</b> You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Petenwell Flowage and Lake Superior elsewhere in this publication.) |
| <b>GROUP 3:</b>  | Contaminant levels in 50 percent or more of tested Group 3 fish are higher than one or more health standards. <b>NO ONE SHOULD EAT GROUP 3 FISH.</b>  |
| *Ninety percent or more of Group 3 fish marked with an asterisk (*) contain contaminant levels higher than one or more health standards. |   |

| U.S. Food & Drug Administration<br>and Wisconsin Division of<br>Health Standards for<br>Contaminants Commonly<br>Found in Sport Fish |                           |
|--|---------------------------|
| PCBs   | 2 parts per million (ppm) |
| DDT  | 5 ppm                     |
| Toxaphene  | 5 ppm                     |
| Chlordane  | 0.3 ppm                   |
| Dieldrin   | 0.3 ppm                   |
| Mercury  | 0.5 ppm                   |
| Dioxin   | 50 parts per trillion     |

**SOURCE:** Wisconsin Division of Health  
and Wisconsin Department of  
Natural Resources  
April 1987

# Mercury contamination in fish

## How to use the mercury advisory

STEP 1: Measure each fish you've caught from the tip of its nose to the end of its tail. Identify the species.

STEP 2: Look at the list of lakes on pages 5 through 7, which names all the waters in Wisconsin that are subject to a consumption advisory for mercury. See if the lake your fish is from is mentioned in this list. If it isn't, then DNR has not tested fish in your lake or tests show fish from there do not contain enough mercury to prompt health warnings.

If the lake where you caught your fish is listed on the advisory, check to see what the advisory says about the mercury content of the fish you caught. Do this by finding the number--either 1, 2, 3 or 4 or the symbol "\*"--in the advisory that corresponds to the size and species of your fish and the lake and county in which you caught it.

STEP 3: Look for that number under the chart below titled "Health Advice" to find out whether you should eat the fish you caught and how often.

### Health Advice

NOTE: Group numbers 1, 2 3 or 4 refer to numbers listed in the attached list of lakes on pages 5 through 7.

GROUP 1: Pregnant women should eat no more than one meal a month of Group 1 fish.

Everyone else may eat unlimited amounts of Group 1 fish.

GROUP 2: Pregnant or breastfeeding women, women who plan to have children and children under 15 should not eat Group 2 fish.

Everyone else should eat no more than 26 meals of Group 2 fish a year. The Wisconsin Division of Health recommends that you eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month.

GROUP 3: Pregnant or breastfeeding women, women who plan to have children and children under 18 should not eat Group 3 fish.

Everyone else should eat no more than 13 meals of Group 3 fish a year. The Wisconsin Division of Health Recommends that you eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a maximum rate of 1 meal a month.

GROUP 4: NO ONE SHOULD EAT GROUP 4 FISH.

NOTE: The symbol "\*" next to some lakes listed on Wisconsin's health advisory for mercury means not enough information on a particular size and species of fish was available to make a health recommendation.

STEP 4: If you catch fish from both Groups 2 and 3, use the conversion charts below to figure out how many meals of fish from these groups combined that you may eat in one month or in one year.

Monthly Consumption

| If you eat this many<br><u>Group 2</u> fish meals<br>in one month: | Then eat no more than<br>this many <u>Group 3</u> fish<br>meals that <u>same month</u> : |
|--|--|
| 0 . . . . .  | 7  |
| 2 . . . . .  | 6  |
| 4 . . . . .  | 5  |
| 6 . . . . .  | 4  |
| 8 . . . . .  | 3  |
| 10 . . . . .   | 2  |
| 12 . . . . .   | 1  |
| 13 . . . . .   | 0  |

Annual Consumption

| If you eat this many<br><u>Group 2</u> fish meals<br>in one year: | Then eat no more than<br>this many <u>Group 3</u> fish<br>meals that <u>same year</u> : |
|---|---|
| 0 . . . . .   | 13  |
| 2 . . . . .   | 12  |
| 4 . . . . .   | 11  |
| 6 . . . . .   | 10  |
| 8 . . . . .   | 9   |
| 10 . . . . .  | 8   |
| 12 . . . . .  | 7   |
| 14 . . . . .  | 6   |
| 16 . . . . .  | 5   |
| 18 . . . . .  | 4   |
| 20 . . . . .  | 3   |
| 22 . . . . .  | 2   |
| 24 . . . . .  | 1   |
| 26 . . . . .  | 0   |

NOTE: Mercury is distributed throughout a fish's muscle tissue and organs rather than in fat and skin. Mercury levels cannot be reduced by cleaning or cooking fish a certain way.

Use the information below as a reference to pages 5 through 7.

- |  |  |
|--|--|
| <p>LM Bass = Largemouth Bass<br/>         SM Bass = Smallmouth Bass<br/>         N Pike = Northern Pike<br/>         Y Perch = Yellow Perch<br/>         Bl Crappie = Black Crappie<br/>         Ch Catfish = Channel Catfish<br/>         W Sucker = White Sucker</p> | <p>MERCURY LEVELS IN EACH GROUP OF FISH</p> <p>GROUP 1: Skin-on fillet samples average 0.5 parts per million (ppm) of mercury or less.</p> <p>GROUP 2: Skin-on fillet samples average 0.5 to 0.75 ppm mercury.</p> <p>GROUP 3: Skin-on fillet samples average 0.75 to 1.0 ppm mercury.</p> <p>GROUP 4: Skin-on fillet samples average 1.0 ppm mercury or more.</p> |
|--|--|

| COUNTY   | WATER  | FISH SPECIES | FISH SIZE (INCHES) |        |        |        |        |        |        |        |
|----------|--|--------------|--------------------|--------|--------|--------|--------|--------|--------|--------|
|          |  |              | <10"               | 10-12" | 12-15" | 15-18" | 18-22" | 22-26" | 26-30" | >30"   |
|          | Lake Superior  | Walleye      | 1                  | 1      | 1      | 1      | 3      | 3      | 4      | *      |
| ADAMS    | Wisconsin River<br>below Petenwell<br>Dam to the Castle<br>Rock Dam<br>(Castle Rock Flowage) | Walleye      | 1                  | 1      | 1      | 2      | 2      | 3      | *      | *      |
| ASHLAND  | Bear Lake  | Walleye      | 1                  | 1      | 1      | 2      | 3      | *      | *      | *      |
|          | Day Lake   | Musky        | *                  | *      | *      | *      | *      | *      | *      | 2      |
|          | Lake Three   | LM Bass      | 1                  | 1      | 1      | 2      | *      | *      | *      | *      |
| BARRON   | Bear Lake  | Walleye      | 1                  | 1      | 1      | 1      | 2      | *      | *      | *      |
|          | Scott Lake   | Walleye      | *                  | *      | *      | *      | 3      | 3      | *      | *      |
| BAYFIELD | Namekagon Lake   | Walleye      | 1                  | 1      | 1      | 1      | 3      | *      | *      | *      |
|          | Perch Lake<br>T45 R7W S5   | LM Bass      | 1                  | 1      | 2      | 2      | *      | *      | *      | *      |
|          | Siskiwit Lake  | Walleye      | 1                  | 1      | 1      | 2      | 3      | 4      | *      | *      |
|          | Tahkodah Lake  | N Pike       | *                  | *      | *      | *      | 2      | 2      | 2      | *      |
|          |  | Walleye      | *                  | *      | *      | 4      | 4      | 4      | *      | *      |
|          | Pike Chain of Lakes  | Walleye      | 1                  | 1      | 1      | 1      | 3      | *      | *      | *      |
| BURNETT  | Johnson Lake   | LM Bass      | 1                  | 1      | 2      | 3      | 4      | *      | *      | *      |
|          | T40 R16W S23   | N Pike       | *                  | *      | *      | *      | 3      | 3      | *      | *      |
|          | Yellow Lake  | Walleye      | 1                  | 1      | 1      | 1      | 2      | 2      | *      | *      |
| CHIPPEWA | N Shattuck Lake  | LM Bass      | 1                  | 1      | 1      | 2      | *      | *      | *      | *      |
|          |  | N Pike       | *                  | *      | *      | *      | *      | 2      | 2      | 3      |
|          | Round Lake<br>T32 R9W S14  | Walleye      | 1                  | 1      | 1      | 1      | 3      | 4      | *      | *      |
|          | Lake Wissota   | Walleye      | 1                  | 1      | 1      | 2      | 2      | 3      | *      | *      |
|          |  | N Pike       | 1                  | 1      | 1      | 1      | 1      | 2      | 2      | *      |
|          |  | Sturgeon     | *                  | *      | *      | *      | *      | *      | *      | >50"-1 |
| CRAWFORD | Kickapoo River<br>near Steuben   | N Pike       | 1                  | 1      | 1      | 1      | 1      | 2      | 2      | *      |
|          |  | Walleye      | 1                  | 1      | 1      | 1      | 1      | 2      | 3      | *      |
| DANE     | Lake Monona  | Walleye      | *                  | *      | *      | *      | *      | 3      | 3      | *      |
| DOUGLAS  | Amnicon Lake   | Walleye      | 1                  | 1      | 1      | 2      | 2      | 4      | *      | *      |
|          | Dowling Lake   | Walleye      | 1                  | 1      | 1      | 2      | 3      | *      | *      | *      |
|          | Lyman Lake   | Walleye      | *                  | *      | 3      | 3      | 4      | 4      | *      | *      |
|          | St. Croix Flowage  | Bl Crappie   | *                  | *      | 2      | *      | *      | *      | *      | *      |
|          |  | LM Bass      | 1                  | 1      | 1      | 3      | 4      | *      | *      | *      |
|          | St. Louis River<br>including<br>Superior Harbor  | Walleye      | *                  | *      | *      | *      | 4      | 4      | 4      | *      |
| DUNN     | Tainter Lake   | Walleye      | *                  | *      | *      | *      | 3      | *      | *      | *      |
| FLORENCE | Brule River at<br>Paint River Pond   | Walleye      | 1                  | 1      | 2      | 2      | *      | *      | *      | *      |
|          | Sand Lake<br>T38 R18E S21  | Walleye      | *                  | *      | *      | 3      | 4      | 4      | *      | *      |
| FOREST   | Butternut Lake   | Walleye      | *                  | *      | *      | 2      | 2      | *      | *      | *      |
|          | Pine Lake  | Walleye      | 1                  | 1      | 1      | 2      | 3      | 3      | *      | *      |
|          | Van Zile Lake  | N Pike       | *                  | *      | *      | *      | *      | 4      | 4      | *      |

| COUNTY              | WATER                         | FISH SPECIES | FISH SIZE (INCHES) |        |        |        |        |        |        |      |   |
|---------------------|-------------------------------|--------------|--------------------|--------|--------|--------|--------|--------|--------|------|---|
|                     |                               |              | <10"               | 10-12" | 12-15" | 15-18" | 18-22" | 22-26" | 26-30" | >30" |   |
| IRON                | Gile Flowage                  | Walleye      | *                  | *      | *      | 3      | 4      | *      | *      | *    |   |
|                     | North Bass Lake               | LM Bass      | 2                  | 2      | 3      | 4      | *      | *      | *      | *    |   |
|                     | Owl Lake                      | Walleye      | *                  | 2      | 3      | 4      | 4      | 4      | *      | *    |   |
|                     | Six Lake                      | Rock Bass    | 2                  | *      | *      | *      | *      | *      | *      | *    | * |
|                     |                               | Y Perch      | 3                  | 3      | *      | *      | *      | *      | *      | *    | * |
| JACKSON             | Lake Arbutus and backwaters   | Ch Catfish   | *                  | *      | *      | *      | *      | *      | 4      | 4    |   |
|                     |                               | N Pike       | 1                  | 1      | 1      | 1      | 1      | 1      | 2      | 2    |   |
|                     |                               | SM Bass      | 1                  | 2      | 2      | 3      | 4      | *      | *      | *    |   |
|                     |                               | Walleye      | *                  | *      | *      | 2      | 3      | *      | *      | *    |   |
|                     |                               | Bl Crappie   | 1                  | 2      | *      | *      | *      | *      | *      | *    |   |
|                     | Potter's Flowage              | LM Bass      | *                  | *      | 2      | 2      | 3      | *      | *      | *    |   |
|                     |                               | Musky        | *                  | *      | *      | *      | *      | *      | *      | 3    |   |
|                     | Robert's Flowage              | LM Bass      | 1                  | 1      | 2      | 2      | 4      | *      | *      | *    |   |
|                     |                               | N Pike       | *                  | *      | *      | *      | *      | *      | 2      | 3    |   |
|                     | JEFFERSON                     | Rock Lake    | Walleye            | 1      | 1      | 1      | 1      | 1      | 2      | *    | * |
| LANGLADE            | Clear Lake                    | N Pike       | *                  | *      | *      | *      | *      | 3      | *      | *    |   |
|                     | Deep Wood Lake                | LM Bass      | *                  | 2      | 2      | 3      | *      | *      | *      | *    |   |
|                     |                               | N Pike       | *                  | *      | *      | *      | 3      | 3      | *      | *    |   |
|                     | Greater Bass Lake             | LM Bass      | 2                  | 3      | 4      | 4      | 4      | *      | *      | *    |   |
|                     | Lower Bass Lake               | LM Bass      | 1                  | 2      | 3      | 4      | *      | *      | *      | *    |   |
|                     | Summit Lake                   | LM Bass      | *                  | 2      | 2      | *      | *      | *      | *      | *    |   |
| LINCOLN             | Clara Lake                    | LM Bass      | 1                  | 1      | 1      | 2      | 3      | *      | *      | *    |   |
|                     | T35 R7E S14                   | N Pike       | *                  | *      | *      | *      | 3      | 3      | *      | *    |   |
|                     | Wisconsin River at Lake Alice | N Pike       | 1                  | 1      | 1      | 1      | 2      | 2      | *      | *    |   |
| MANITOWOC           | Bullhead Lake                 | Walleye      | 1                  | 1      | 1      | 1      | 2      | 2      | *      | *    |   |
| MARATHON            | Mayflower Lake                | Walleye      | *                  | *      | *      | *      | 2      | 2      | *      | *    |   |
| MARINETTE<br>ONEIDA | Lake Noquebay                 | Walleye      | 1                  | 1      | 1      | 2      | 4      |        |        | *    |   |
|                     | Bass Lake                     | N Pike       | *                  | *      | *      | *      | *      | 3      | 4      | *    |   |
|                     |                               | T39 R8E S31  |                    |        |        |        |        |        |        |      |   |
|                     | Big Carr Lake                 | Walleye      | *                  | *      | 2      | 2      | 3      | *      | *      | *    |   |
|                     | Bird Lake                     | Walleye      | *                  | *      | *      | 2      | 2      | 3      | *      | *    | * |
|                     |                               | LM Bass      | 1                  | 1      | 1      | 2      | 3      | *      | *      | *    |   |
|                     | Currie Lake                   | Walleye      | *                  | *      | 2      | 2      | 4      | *      | *      | *    |   |
|                     |                               | LM Bass      | *                  | *      | 2      | 2      | *      | *      | *      | *    |   |
|                     | Foster Lake                   | LM Bass      | 1                  | 1      | 3      | 4      | *      | *      | *      | *    |   |
|                     | Franklin Lake                 | LM Bass      | 1                  | 1      | 2      | 2      | *      | *      | *      | *    |   |
|                     |                               | SM Bass      | 1                  | 2      | 2      | 3      | *      | *      | *      | *    |   |
|                     |                               | Walleye      | *                  | *      | *      | *      | 4      | 4      | *      | *    |   |
|                     | Hodstradt Lake                | Walleye      | *                  | *      | *      | *      | 4      | 4      | *      | *    |   |
|                     | Long Lake                     | Walleye      | *                  | *      | *      | 2      | 2      | *      | *      | *    |   |
|                     |                               | T37 R7E S10  |                    |        |        |        |        |        |        |      |   |
|                     | McGrath Lake                  | LM Bass      | *                  | 2      | 3      | 3      | *      | *      | *      | *    |   |
|                     |                               | Bluegill     | 2                  | *      | *      | *      | *      | *      | *      | *    |   |
|                     |                               | Y Perch      | 2                  | *      | *      | *      | *      | *      | *      | *    |   |
|                     | North Two Lake                | Walleye      | *                  | *      | *      | *      | 2      | *      | *      | *    |   |
|                     | Rainbow Flowage               | Walleye      | 1                  | 1      | 1      | 1      | 2      | 3      | 4      | *    |   |
|                     | Sand Lake                     | N Pike       | 1                  | 1      | 1      | 1      | 2      | 3      | 4      | *    |   |
|                     |                               | T39 R9E S20  | Walleye            | 1      | 1      | 1      | 2      | 3      | 4      | *    |   |
| Sugar Camp Lake     | SM Bass                       | *            | *                  | 3      | 4      | 4      | *      | *      | *      |      |   |
|                     | Walleye                       | *            | *                  | *      | 4      | 4      | 4      | *      | *      |      |   |
| Upper Kaubashine Lk | Walleye                       | 1            | 1                  | 1      | 1      | 2      | *      | *      | *      |      |   |

| COUNTY     | WATER   | FISH SPECIES | FISH SIZE (INCHES) |        |        |        |        |        |        |      |
|------------|---|--------------|--------------------|--------|--------|--------|--------|--------|--------|------|
|            |   |              | <10"               | 10-12" | 12-15" | 15-18" | 18-22" | 22-26" | 26-30" | >30" |
| PRICE      | Bass Lake   | Walleye      | *                  | *      | 3      | 4      | 4      | *      | *      | *    |
|            | T40 R2W S15   |              |                    |        |        |        |        |        |        |      |
|            | Elk Lake  | Musky        | *                  | *      | *      | *      | *      | *      | *      | 3    |
|            | Long Lake   | Walleye      | 1                  | 1      | 1      | 1      | 2      | 2      | *      | *    |
|            | Musser Lake   | Walleye      | 1                  | 1      | 1      | 2      | 3      | 4      | *      | *    |
|            | Pixley Flowage  | Walleye      | *                  | *      | *      | 2      | 2      | *      | *      | *    |
|            | Solberg Lake  | Walleye      | 1                  | 1      | 2      | 3      | 3      | 4      | 4      | *    |
| RUSK       | Dairyland Reservoir   | Walleye      | *                  | *      | 2      | 3      | 3      | *      | *      | *    |
|            | Perch Lake  | LM Bass      | 1                  | 1      | 2      | 2      | *      | *      | *      | *    |
| SAUK       | Devils Lake   | Walleye      | *                  | 2      | 3      | 3      | 3      | 3      | *      | *    |
| SAWYER     | Black Lake  | LM Bass      | 1                  | 1      | 2      | 2      | *      | *      | *      | *    |
|            |   | Musky        | *                  | *      | *      | *      | *      | *      | *      | 4    |
|            | Fishtrap Lake   | LM Bass      | 1                  | 1      | 2      | 3      | 3      | *      | *      | *    |
|            |   | N Pike       | 1                  | 1      | 1      | 1      | 1      | 2      | 2      | *    |
|            | Lake Loretta  | LM Bass      | 1                  | 1      | 2      | 3      | 4      | *      | *      | *    |
|            | Windigo Lake  | N Pike       | *                  | *      | *      | *      | 2      | 2      | 3      | *    |
|            |   | Walleye      | 1                  | 1      | 2      | 3      | 3      | *      | *      | *    |
|            | Winter Lake   | LM Bass      | 1                  | 1      | 1      | 2      | 3      | *      | *      | *    |
|            |   | Musky        | *                  | *      | *      | *      | *      | *      | *      | 2    |
| SHAWANO    | Shawano Lake  | Walleye      | 1                  | 1      | 1      | 1      | 1      | 2      | *      | *    |
| TAYLOR     | Chequamegon Waters  | LM Bass      | 1                  | 1      | 1      | 4      | *      | *      | *      | *    |
|            | Richter Lake  | LM Bass      | 1                  | 1      | 1      | 3      | *      | *      | *      | *    |
| VILAS      | Camp Lake   | LM Bass      | 1                  | 1      | 2      | 4      | *      | *      | *      | *    |
|            | Jag Lake  | Walleye      | 1                  | 1      | 1      | 2      | 3      | 4      | *      | *    |
|            |   | SM Bass      | 1                  | 1      | 2      | 2      | *      | *      | *      | *    |
|            | North Twin Lake   | Walleye      | 1                  | 1      | 1      | 1      | 2      | *      | *      | *    |
|            | Shannon Lake  | LM Bass      | 1                  | 1      | 2      | 4      | 4      | *      | *      | *    |
|            | Trout Lake  | Walleye      | 1                  | 1      | 1      | 1      | 3      | 4      | 4      | 4    |
|            | White Birch Lake  | Walleye      | 1                  | 1      | 1      | 1      | 3      | 4      | *      | *    |
| WASHBURN   | Harmon Lake   | LM Bass      | 1                  | 1      | 1      | 2      | *      | *      | *      | *    |
|            |   | N Pike       | 1                  | 1      | 1      | 1      | 2      | 3      | 3      | *    |
|            | Shell Lake  | Walleye      | 1                  | 1      | 1      | 2      | 3      | *      | *      | *    |
| WASHINGTON | Pike Lake   | Walleye      | 1                  | 1      | 1      | 1      | 1      | 3      | *      | *    |
| WAUPACA    | Columbia Lake   | LM Bass      | 1                  | 1      | 1      | 1      | 2      | *      | *      | *    |
| WOOD       | Wisconsin River<br>from the Nekoosa<br>Dam to the<br>Pettenwell Dam<br>(Pettenwell Flowage) | Walleye      | 1                  | 1      | 1      | 1      | 2      | *      | *      | *    |

**Wisconsin Department of Natural Resources and Division of Health**

**HEALTH ADVISORY FOR PEOPLE WHO EAT SPORT FISH FROM WISCONSIN WATERS**  
**Spring Advisory Updates 1988, 1989, 1990**  
**PUBL – IE-019 88REV to 90REV**

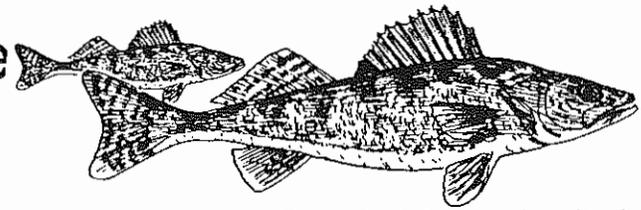
**And**

**HEALTH GUIDE FOR PEOPLE WHO EAT SPORT FISH FROM WISCONSIN WATERS**  
**Spring Advisory Updates 1990, 1991, 1992, 1993, 1994**  
**PUBL – IE-019 88REV to 4/94REV**

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# Health advisory for people who eat sport fish from Wisconsin waters

April 1988



This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticides (pages 1 and 2), and another for fish contaminated with mercury (pages 3 through 8). Generally, people who should take the most precautions are children aged 18 or less, women in their child-bearing years, and women who are pregnant or breastfeeding.

## PCB and pesticide contamination in fish

|   | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.                                   | <b>Group 3</b><br>No one should eat these fish.   |
|---|---|---|---|
| See page 2 for specific health advice on each group of fish.  |   |   |   |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23"*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35"*<br>Brown trout over 23"<br>Carp<br>Catfish   |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Perch<br>Walleye up to 20"<br>Brown trout up to 12"<br>Bullhead | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20"*<br>White suckers<br>White bass |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   |   | Northern pike   | White bass*<br>Walleye<br>Carp*<br>White sucker<br>Drum*<br>Channel catfish*  |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | White bass<br>Walleye up to 15"<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"   |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam  | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Catfish*  |
| NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |   |   |
| <b>MANITOWOC RIVER</b> from its mouth up to the first dam   | NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   | Catfish*  |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creeks</b>             | Coho salmon up to 26"<br>Chinook salmon up to 21"   | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"                  | Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35"*  |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b>          | Perch   |   | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass  |
| NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |   |   |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)  | Rock bass up to 8.5"<br>Largemouth bass up to 13"   | Redhorse  | Northern pike<br>Carp   |
| <b>CEDAR CREEK</b> from the Milwaukee River up to Bridge Road in the Village of Cedarburg   |   |   | All species*  |

# PCB and pesticide contamination in fish

|  | <b>Group 1</b><br>These fish pose the lowest health risk.  | <b>Group 2</b><br>Women and children should not eat these fish. | <b>Group 3</b><br>No one should eat these fish.  |
|--|--|---|--|
| See bottom of page for specific health advice on each group of fish.   |  |   |  |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine  | Carp up to 21"   |   | Carp over 21"*   |
| NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.   |  |   |  |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha   |  |   | Carp   |
| NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.   |  |   |  |
| <b>LAKE SUPERIOR</b>   | Lake trout up to 30"<br>Walleye up to 18"***   | Walleye 18 to 26"***  | Lake trout over 30"<br>Walleye over 26"***   |
| **See advice for mercury-contaminated fish in the St. Louis River, Douglas County on page 4.   |  |   |  |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |  |   | Carp   |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake   | Northern pike  | Crappies<br>Bullhead  | Largemouth bass<br>Carp  |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp   |   | Lake trout over 32"  |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)   |  |   | Carp   |
| See advice on mercury-contaminated fish in the Wisconsin River on pages 3 through 7 under Adams, Juneau, Lincoln, and Wood Counties.                   |  |   |  |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin   | Channel catfish under 21"<br>Drum<br>Flathead catfish under 29"<br>Sauger<br>Smallmouth bass<br>Carp under 23"<br>Walleye under 22"***<br>White bass | Channel catfish 21 to 24"<br>Walleye 22 to 26"***               | Channel catfish over 24"<br>Flathead catfish over 29"<br>Carp over 23"<br>Walleye over 26"***                                    |
| **See additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties on pages 4 through 6. |  |   |  |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4).                                 | Drum<br>Walleye<br>Channel catfish up to 17" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Flathead catfish up to 30"<br>White bass up to 13"    | Channel catfish 21 to 24"                                       | White bass over 13"<br>Channel catfish over 24"<br>Flathead catfish over 30"<br>Carp over 17" (Pool 3)<br>Carp over 21" (Pool 4) |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)   | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"  | Carp 24 to and 26"<br>Channel catfish 21 to 23"                 | Carp over 26"<br>Channel catfish over 23"  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Genoa (Pools 7 and 8)   | Crappie<br>Flathead catfish<br>Carp<br>Channel catfish up to 23"<br>Walleye<br>White bass  | Channel catfish 23 to 27"                                       | Channel catfish over 27"   |

## HEALTH ADVICE for the chart above

**GROUP 1:** Contaminant levels in 10 percent or less of tested Group 1 fish are higher than one or more health standards. **EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.** Trim fat and skin from Group 1 fish before cooking and eating them.

**GROUP 2:** Contaminant levels in more than 10 percent but less than 50 percent of tested Group 2 fish are higher than one or more health standards. **CHILDREN UNDER 15, NURSING MOTHERS, PREGNANT WOMEN, AND WOMEN WHO ANTICIPATE BEARING CHILDREN SHOULD NOT EAT GROUP 2 FISH.** You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Petenwell Flowage and Lake Superior elsewhere in this publication.)

**GROUP 3:** Contaminant levels in 50 percent or more of tested Group 3 fish are higher than one or more health standards. **NO ONE SHOULD EAT GROUP 3 FISH.**

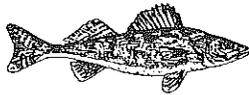
\*Ninety percent or more of Group 3 fish marked with an asterisk (\*) contain contaminant levels higher than one or more health standards.

## U.S. Food & Drug Administration and Wisconsin Division of Health Standards for Contaminants Commonly Found in Sport Fish

|           |                           |
|-----------|---------------------------|
| PCBs      | 2 parts per million (ppm) |
| DDT       | 5 ppm                     |
| Toxaphene | 5 ppm                     |
| Chlordane | 0.3 ppm                   |
| Dieldrin  | 0.3 ppm                   |
| Mercury   | 0.5 ppm                   |
| Dioxin    | 50 parts per trillion     |

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources  
October 1987

# MERCURY CONTAMINATION IN FISH



## HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake *is* on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol "\*" — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

## HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

**GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. Everyone else may eat unlimited amounts of Group 1 fish. Skin-on fillet samples average 0.5 ppm mercury or less.

**GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 18 should not eat Group 2 fish. Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month. Skin-on fillet samples average 0.5 to 0.75 ppm mercury.

**GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 18 should not eat Group 3 fish. Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month. Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.

**GROUP 4:** NO ONE SHOULD EAT GROUP 4 FISH. Skin-on fillet samples contain an average mercury level above 1.0 ppm.

\* : This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water  | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior   | Walleye      | 1                       | 1     | 1     | 1     | 3     | 3     | 4     | *   |
| <b>ADAMS CO.</b><br>Wisconsin R. below Petenwell Dam to<br>Castle Rock Dam (Castle Rock Flowage)<br>See Juneau, Lincoln, and Wood Counties<br>also. | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| <b>ASHLAND CO.</b><br>Bear Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Day Lake  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 2   |
| Lake Three  | LM Bass      | 1                       | 1     | 1     | 2     | *     | *     | *     | *   |
| Spillerberg Lake  | Y Perch      | 2                       | *     | *     | *     | *     | *     | *     | *   |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| <b>BARRON CO.</b><br>Bear Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Red Cedar Lake  | Walleye      | 1                       | 1     | 1     | 2     | 2     | *     | *     | *   |
| Scott Lake  | Walleye      | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| <b>BAYFIELD CO.</b><br>Long Lake T48 R5W S6   | LM Bass      | *                       | *     | 3     | *     | *     | *     | *     | *   |
|   | Y Perch      | 1                       | 2     | *     | *     | *     | *     | *     | *   |
| Namekagon Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Owen Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *   |
| Perch Lake T45 R7W S5   | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *   |
| Siskiwit Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
| Tahkodah Lake   | N Pike       | *                       | *     | *     | *     | 2     | 2     | 2     | *   |
|   | Walleye      | *                       | *     | *     | 4     | 4     | 4     | *     | *   |
| Pike Chain of Lakes   | Walleye      | 1                       | 1     | 1     | 1     | 3     | *     | *     | *   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in October 1987.

LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch  
BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker



| County/Water   | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>JUNEAU</b>  |              |                         |       |       |       |       |       |       |     |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)<br>See Adams, Lincoln, and Wood Counties also. | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| <b>JEFFERSON CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *   |
| <b>LANGLADE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | *                       | *     | *     | *     | *     | 3     | *     | *   |
| Deep Wood Lake   | LM Bass      | *                       | 2     | 2     | 3     | *     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| Greater Bass Lake  | LM Bass      | 2                       | 3     | 4     | 4     | 4     | *     | *     | *   |
| Lower Bass Lake  | LM Bass      | 1                       | 2     | 3     | 4     | *     | *     | *     | *   |
| Summit Lake  | LM Bass      | *                       | 2     | 2     | *     | *     | *     | *     | *   |
| <b>LINCOLN CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| Spirit River Flowage   | BL Crappie   | 1                       | 2     | *     | *     | *     | *     | *     | *   |
|  | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Wisconsin River at Lake Alice. See Adams, Juneau, and Wood Counties also.  | N Pike       | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| <b>MANITOWOC CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Bullhead Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| <b>MARATHON CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Mayflower Lake   | Walleye      | *                       | *     | *     | *     | 2     | 2     | *     | *   |
| <b>MARINETTE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Lake Noquebay  | Walleye      | 1                       | 1     | 1     | 2     | 4     | 4     | *     | *   |
| <b>MARQUETTE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Buffalo Lake   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *   |
| <b>ONEIDA CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Bass Lake T39 R8E S31  | N Pike       | *                       | *     | *     | 1     | 2     | 3     | 3     | *   |
| Big Carr Lake  | Walleye      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
| Bird Lake  | Walleye      | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *   |
|  | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Chain Lake   | Walleye      | *                       | *     | *     | 3     | 4     | *     | *     | *   |
| Currie Lake  | Walleye      | *                       | *     | 2     | 2     | 4     | *     | *     | *   |
|  | LM Bass      | *                       | *     | 2     | 2     | *     | *     | *     | *   |
| Foster Lake  | LM Bass      | 1                       | 1     | 3     | 4     | *     | *     | *     | *   |
| Franklin Lake  | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *   |
|  | SM Bass      | 1                       | 2     | 2     | 3     | *     | *     | *     | *   |
|  | Walleye      | *                       | *     | *     | *     | 4     | 4     | *     | *   |
| Hodstradt Lake   | Walleye      | *                       | *     | *     | *     | 4     | 4     | *     | *   |
| Long Lake T37 R7E S10  | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | 4     | *   |
|  | LM Bass      | *                       | 2     | 3     | 3     | *     | *     | *     | *   |
| McGrath Lake   | Bluegill     | 2                       | *     | *     | *     | *     | *     | *     | *   |
|  | Y Perch      | 2                       | *     | *     | *     | *     | *     | *     | *   |
|  | Walleye      | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| North Nokomis Lake   | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *   |
| North Two Lake   | Walleye      | *                       | *     | *     | *     | *     | *     | *     | *   |
| Rainbow Flowage  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | 4     | *   |
| Sand Lake T39 R9E S20  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
|  | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
| Stone Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
| Sugar Camp Lake  | SM Bass      | *                       | *     | 3     | 4     | 4     | *     | *     | *   |
|  | Walleye      | *                       | *     | *     | 4     | 4     | 4     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | *     | 3     | 3     | 4   |
| Tomahawk Lake  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Upper Kaubashine Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| <b>PIERCE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| St. Croix River  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
| <b>POLK CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Pipe Lake  | Walleye      | *                       | *     | *     | *     | 3     | *     | *     | *   |
| St. Croix River below St. Croix Falls dam downstream to Mississippi R.   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
| <b>PRICE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Bass Lake T40 R2W S15  | Walleye      | *                       | *     | 3     | 4     | 4     | *     | *     | *   |
| Butternut Lake   | Walleye      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
| Elk Lake   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Long Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| Musser Lake  | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |

| County/Water   | Fish Species   | Fish Length (in inches) |       |       |       |       |       |       |      |
|--|----------------|-------------------------|-------|-------|-------|-------|-------|-------|------|
|  |                | < 10"                   | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | > 30 |
| <b>PRICE CO. (cont.)</b>   |                |                         |       |       |       |       |       |       |      |
| Newman Lake  | LM Bass        | *                       | *     | 2     | *     | *     | *     | *     | *    |
| Pike Lake  | Walleye        | *                       | *     | 2     | 2     | 2     | *     | *     | *    |
| Pixley Flowage   | Walleye        | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| Solberg Lake   | Walleye        | 1                       | 1     | 2     | 3     | 3     | 4     | 4     | *    |
| <b>RUSK CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Dairyland Reservoir  | Walleye        | *                       | *     | 2     | 3     | 3     | *     | *     | *    |
| Perch Lake   | LM Bass        | 1                       | 1     | 2     | 2     | *     | *     | *     | *    |
| <b>SAUK CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Devil's Lake   | Walleye        | *                       | 2     | 2     | 2     | 2     | 2     | 3     | *    |
| <b>ST. CROIX CO.</b>   |                |                         |       |       |       |       |       |       |      |
| Bass Lake  | Walleye        | *                       | *     | *     | *     | *     | 3     | 3     | *    |
| St. Croix River  | Walleye        | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *    |
| <b>SAWYER CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Black Lake   | LM Bass        | 1                       | 1     | 2     | 2     | *     | *     | *     | *    |
|  | Musky          | *                       | *     | *     | *     | *     | *     | *     | 4    |
| Fishtrap Lake  | LM Bass        | 1                       | 1     | 2     | 3     | 3     | *     | *     | *    |
|  | N Pike         | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *    |
| Lake Loretta   | LM Bass        | 1                       | 1     | 2     | 3     | 4     | *     | *     | *    |
| Moose Lake   | Walleye        | 1                       | 1     | 3     | *     | *     | *     | *     | *    |
| Windigo Lake   | N Pike         | *                       | *     | *     | *     | 2     | 2     | 3     | *    |
|  | Walleye        | 1                       | 1     | 2     | 3     | 3     | *     | *     | *    |
| Winter Lake  | LM Bass        | 1                       | 1     | 1     | 2     | 3     | *     | *     | *    |
|  | Musky          | *                       | *     | *     | *     | *     | *     | *     | 2    |
| <b>SHAWANO CO.</b>   |                |                         |       |       |       |       |       |       |      |
| Shawano Lake   | Walleye        | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *    |
| <i>Wolf River below Shawano Dam down to State Highway 156</i>  | <i>Walleye</i> | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>TAYLOR CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Chequamegon Waters   | LM Bass        | 1                       | 1     | 1     | 4     | *     | *     | *     | *    |
| Richter Lake   | LM Bass        | 1                       | 1     | 1     | 3     | *     | *     | *     | *    |
| <b>TREMPEALEAU CO.</b>   |                |                         |       |       |       |       |       |       |      |
| Marinuka Lake  | LM Bass        | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>VILAS CO.</b>   |                |                         |       |       |       |       |       |       |      |
| Camp Lake  | LM Bass        | 1                       | 1     | 2     | 4     | *     | *     | *     | *    |
| Jag Lake   | Walleye        | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *    |
|  | SM Bass        | 1                       | 1     | 2     | 2     | *     | *     | *     | *    |
| North Twin Lake  | Walleye        | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| Shannon Lake   | LM Bass        | 1                       | 1     | 2     | 4     | 4     | *     | *     | *    |
| Trout Lake   | Walleye        | 1                       | 1     | 1     | 1     | 3     | 4     | 4     | 4    |
| White Birch Lake   | Walleye        | 1                       | 1     | 1     | 1     | 3     | 4     | *     | *    |
| <b>WASHBURN CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Harmon Lake  | LM Bass        | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
|  | N Pike         | 1                       | 1     | 1     | 1     | 2     | 3     | 3     | *    |
| Shell Lake   | Walleye        | 1                       | 1     | 1     | 2     | 3     | *     | *     | *    |
| Silver Lake  | LM Bass        | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
| <b>WASHINGTON CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Pike Lake  | Walleye        | 1                       | 1     | 1     | 1     | 1     | 3     | *     | *    |
| <b>WAUPACA CO.</b>   |                |                         |       |       |       |       |       |       |      |
| Columbia Lake  | LM Bass        | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| <b>WAUSHARA CO.</b>  |                |                         |       |       |       |       |       |       |      |
| <i>Big Hills Lake</i>  | <i>Walleye</i> | *                       | *     | *     | *     | 2     | *     | *     | *    |
| <i>Kusel Lake</i>  | <i>Walleye</i> | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>WINNEBAGO CO.</b>   |                |                         |       |       |       |       |       |       |      |
| <i>Lake Winneconne on the Wolf River</i>   | <i>Walleye</i> | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *    |
| <b>WOOD CO.</b>  |                |                         |       |       |       |       |       |       |      |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also. | Walleye        | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |

### COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. **You cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.**

NOTE: If you catch fish from **both** Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

**COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH (cont.)**

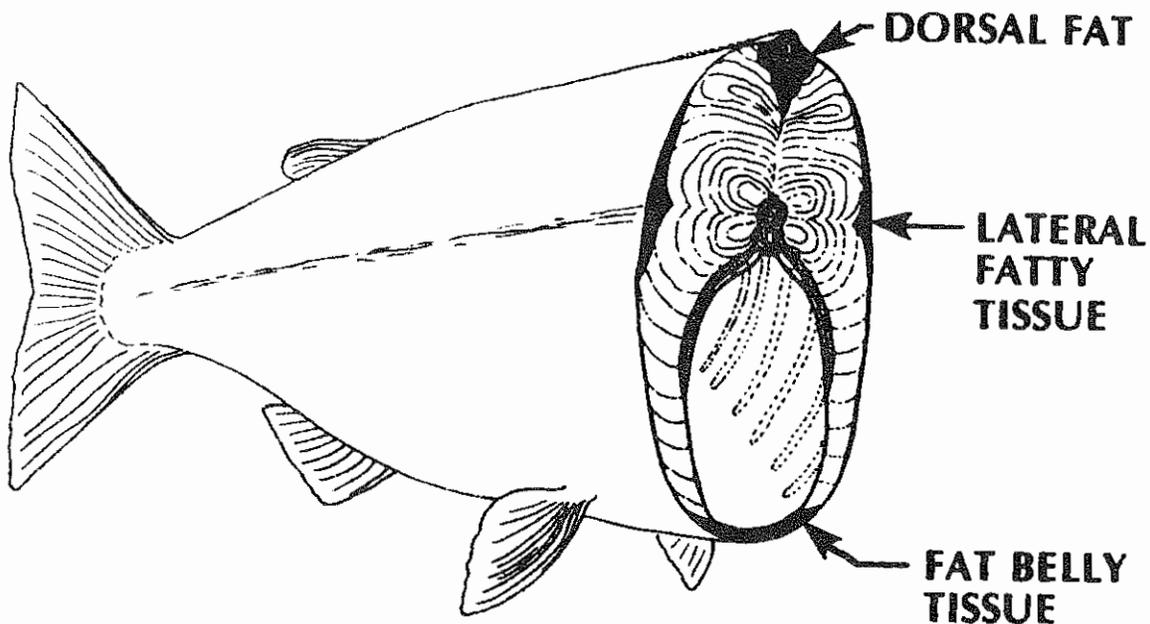
| <b>Monthly Consumption</b>   |  | <b>Annual Consumption</b>   |   |
|--|--|---|---|
| If you eat this many<br><b>Group 2</b> fish meals in<br>one month... | ...eat no more than this<br>many <b>Group 3</b> fish meals<br>that same month: | If you eat this many<br><b>Group 2</b> fish meals in<br>one year... | ...eat no more than this<br>many <b>Group 3</b> fish meals<br>that same year: |
| 0 .....  | 7  | 0 .....   | 13  |
| 2 .....  | 6  | 2 .....   | 12  |
| 4 .....  | 5  | 4 .....   | 11  |
| 6 .....  | 4  | 6 .....   | 10  |
| 8 .....  | 3  | 8 .....   | 9   |
| 10 .....   | 2  | 10 .....  | 8   |
| 12 .....   | 1  | 12 .....  | 7   |
| 13 .....   | 0  | 14 .....  | 6   |
|  |  | 16 .....  | 5   |
|  |  | 18 .....  | 4   |
|  |  | 20 .....  | 3   |
|  |  | 22 .....  | 2   |
|  |  | 24 .....  | 1   |
|  |  | 26 .....  | 0   |

**COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH**

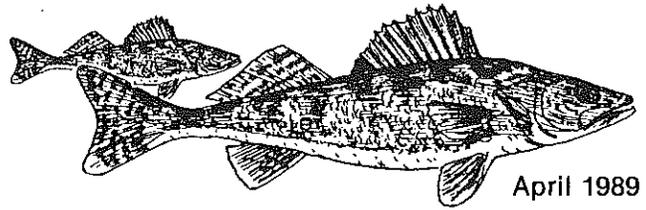
PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

- Remove all skin.
- Cut away the dark fat on top of the fish along its backbone.
- Slice off fat belly meat along the bottom of the fish.
- Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings. Fish may also be cooked in liquids, but discard the resulting broth.



# Health advisory for people who eat sport fish from Wisconsin waters



April 1989

This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticides (pages 1, 2 and 3), and another for fish contaminated with mercury (pages 3 through 7). Generally, people who should take the most precautions are children aged 18 or less, women who intend to have children, and women who are pregnant or breastfeeding.

## PCB and pesticide contamination in fish

|   | <b>Group 1</b><br>These fish pose the lowest health risk.  | <b>Group 2</b><br>Women and children should not eat these fish.                                   | <b>Group 3</b><br>No one should eat these fish.  |
|---|--|---|--|
| See page 3 for specific health advice on each group of fish.  |  |   |  |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch   | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23"*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35"*<br>Brown trout over 23"<br>Carp<br>Catfish  |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Perch<br>Walleye up to 20"<br>Brown trout up to 12"<br>Bullhead<br><i>White sucker</i> | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20"*<br>White bass |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   |  | Northern pike<br><i>White sucker</i>  | White bass*<br>Walleye<br>Carp*<br>Drum*<br>Channel catfish*   |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | White bass<br>Walleye up to 15"<br>Northern pike<br>Perch<br>White sucker  | Walleyes over 15"<br>Bullheads  | Carp over 17"  |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam  | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass   |   | Carp<br>Catfish*   |
|   | NOTE: Follow Lake Michigan advisory above for trout and salmon.  |   |  |
| <b>MANITOWOC RIVER</b> from its mouth up to the first dam   | NOTE: Follow Lake Michigan advisory above for trout and salmon.  |   | Catfish*   |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creeks</b>             | Coho salmon up to 26"<br>Chinook salmon up to 21"  | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"                  | <i>Bluegill</i><br>Crappie<br>Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35"*     |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b>          | Perch  |   | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass   |
|   | NOTE: Follow Lake Michigan advisory above for trout and salmon.  |   |  |

# PCB and pesticide contamination in fish

|  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.            | <b>Group 3</b><br>No one should eat these fish.   |
|--|---|--|---|
| See page 3 for specific health advice on each group of fish.   |   |  |   |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County) | Rock bass up to 8.5"  | Redhorse   | Northern pike<br>Carp   |
| <b>CEDAR CREEK</b> from the Milwaukee River up to Bridge Road in the Village of Cedarburg                                      |   |  | All species*  |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine                            | Carp up to 21"  |  | Carp over 21"**   |
|  | NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  |  |   |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha                               |   |  | Carp  |
|  | NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  |  |   |
| <b>LAKE SUPERIOR</b>   | Lake trout up to 30"  |  | Lake trout over 30"   |
|  | NOTE: Also see advice for mercury-contaminated walleye in the St. Louis River, Douglas County, page 4.  |  |   |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |   |  | Carp  |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake                                 | Northern pike   | Crappies<br>Bullhead   | Largemouth bass<br>Carp   |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp  |  | Lake trout over 32"   |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)   |   |  | Carp  |
|  | See advice on mercury-contaminated fish in the Wisconsin River on pages 3 through 7 under Adams, Juneau, Lincoln, and Wood Counties.  |  |   |
| <b>WISCONSIN RIVER</b> at Wisconsin Dells to the Prairie du Sac Dam (Includes Lake Wisconsin)                                  |   | Lake sturgeon  |   |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin                             | Drum<br>White bass<br>Carp up to 26"<br>Walleye<br>Flathead catfish up to 26"<br>Sauger<br>Buffalo up to 23"  |  | Channel catfish<br>Buffalo over 23"<br>Carp over 26"<br>Flathead catfish over 26"   |
|  | NOTE: Also see additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties, pages 4 through 6.   |  |   |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4).         | Drum<br>Walleye<br>Sauger<br>White bass up to 13"<br>Flathead catfish up to 30"<br>Buffalo up to 18" (Pool 3)<br>Buffalo up to 20" (Pool 4)<br>Channel catfish up to 16" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Carp up to 21" | Channel catfish 16" to 23" (Pool 3)<br>Channel catfish 21" to 23" (Pool 4) | White bass over 13"<br>Buffalo over 18" (Pool 3)<br>Buffalo over 20" (Pool 4)<br>Flathead catfish over 30"<br>Channel catfish over 23"<br>Carp over 21" |
|  |   |  |   |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)                             | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"<br>Buffalo<br>Drum<br>Walleye<br>Sauger<br>White bass   | Carp over 24"<br>Channel catfish 21 to 25"                                 | Channel catfish over 25"  |
|  |   |  |   |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Lynxville (Pools 7, 8 and 9)                          | Buffalo<br>Walleye<br>Crappie<br>Flathead catfish<br>Channel catfish up to 24"<br>Drum<br>White bass<br>Carp  | Channel catfish over 24"   |   |

|  |  |
|--|--|
| <b>HEALTH ADVICE</b> for the charts on pages 1 & 2 |  |
| <b>GROUP 1:</b>                                    | Contaminant levels in 10 percent or less of tested Group 1 fish are higher than one or more health standards. <b>EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.</b> Trim fat and skin from Group 1 fish before cooking and eating them.   |
| <b>GROUP 2:</b>                                    | Contaminant levels in more than 10 percent but less than 50 percent of tested Group 2 fish are higher than one or more health standards. <b>CHILDREN UNDER 15, NURSING MOTHERS, PREGNANT WOMEN, AND WOMEN WHO INTEND TO HAVE CHILDREN SHOULD NOT EAT GROUP 2 FISH.</b> You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Petenwell Flowage and Lake Superior elsewhere in this publication. |
| <b>GROUP 3:</b>                                    | Contaminant levels in 50 percent or more of tested Group 3 fish are higher than one or more health standards. <b>NO ONE SHOULD EAT GROUP 3 FISH.</b><br>*Ninety percent or more of Group 3 fish marked with an asterisk (*) contain contaminant levels higher than one or more health standards.   |

|  |                           |
|--|---------------------------|
| U.S. Food & Drug Administration and Wisconsin Division of Health Standards for Contaminants Commonly Found in Sport Fish |                           |
| PCBs   | 2 parts per million (ppm) |
| DDT  | 5 ppm                     |
| Toxaphene  | 5 ppm                     |
| Chlordane  | 0.3 ppm                   |
| Dieldrin   | 0.3 ppm                   |
| Mercury  | 0.5 ppm                   |
| Dioxin   | 50 parts per trillion     |

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources  
April 1989

# MERCURY CONTAMINATION IN FISH

## HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake *is* on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol "\*" — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

## HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

- GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. Everyone else may eat unlimited amounts of Group 1 fish. Skin-on fillet samples average 0.5 ppm mercury or less.
- GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 18 should not eat Group 2 fish. Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month. Skin-on fillet samples average 0.5 to 0.75 ppm mercury.
- GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 18 should not eat Group 3 fish. Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month. Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.
- GROUP 4:** NO ONE SHOULD EAT GROUP 4 FISH. Skin-on fillet samples contain an average mercury level above 1.0 ppm.

\* : This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water  | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior   | Walleye      | 1                       | 1     | 1     | 1     | 3     | 3     | 4     | *   |
| <b>ADAMS CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)<br>See Juneau, Lincoln, and Wood Counties also. | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Juneau, Lincoln, and Wood Counties also.           | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| <b>ASHLAND CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Bear Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Day Lake  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 2   |
| Mineral Lake  | LM Bass      | *                       | *     | 2     | *     | *     | *     | *     | *   |
| Lake Three  | LM Bass      | 1                       | 1     | 1     | 2     | *     | *     | *     | *   |
| Spillerberg Lake  | Y Perch      | 2                       | *     | *     | *     | *     | *     | *     | *   |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in October 1988.

LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch  
BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker

| County/Water  | Fish Species     | Fish Length (in inches) |       |       |       |       |       |       |          |
|---|------------------|-------------------------|-------|-------|-------|-------|-------|-------|----------|
|   |                  | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30      |
| <b>BARRON CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Bear Lake   | Walleye          | 1                       | 1     | 1     | 1     | 2     | *     | *     | *        |
| Loon Lake   | Walleye          | *                       | *     | *     | 3     | 3     | *     | *     | *        |
| Red Cedar Lake  | Walleye          | 1                       | 1     | 1     | 2     | 2     | *     | *     | *        |
| Scott Lake T35 R14W S16   | Walleye          | *                       | *     | *     | *     | 3     | 3     | *     | *        |
| Spring Lake   | Walleye          | *                       | *     | *     | 2     | 3     | *     | *     | *        |
| <b>BAYFIELD CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Cisco Lake  | Walleye          | *                       | *     | *     | *     | 3     | *     | *     | *        |
| Long Lake T47 R8W S2  | Y Perch          | 1                       | 1     | 2     | *     | *     | *     | *     | *        |
|   | Walleye          | *                       | *     | *     | *     | 3     | *     | *     | *        |
|   | LM Bass          | *                       | *     | 2     | *     | *     | *     | *     | *        |
| Long Lake T48 R5W S6  | LM Bass          | *                       | 2     | 3     | 4     | *     | *     | *     | *        |
|   | Y Perch          | 1                       | 2     | *     | *     | *     | *     | *     | *        |
| Namekagon Lake  | Walleye          | 1                       | 1     | 1     | 1     | 2     | *     | *     | *        |
| Owen Lake   | Walleye          | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *        |
| Perch Lake T45 R7W S5   | LM Bass          | 1                       | 1     | 2     | 2     | *     | *     | *     | *        |
| Siskiwit Lake   | Walleye          | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *        |
| Tahkodah Lake   | N Pike           | *                       | *     | *     | *     | 2     | 2     | 2     | *        |
| West Twin Lake  | Walleye          | *                       | *     | *     | 4     | 4     | 4     | *     | *        |
|   | LM Bass          | *                       | *     | 2     | *     | *     | *     | *     | *        |
| Pike Chain of Lakes<br>(Includes Buskey Bay, Millicent, Hart, Twin Bear, and Eagle Lakes) | N Pike           | *                       | *     | *     | *     | *     | 3     | *     | *        |
|   | Walleye          | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *        |
| <b>BURNETT CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Johnson Lake T40 R16W S23   | LM Bass          | 1                       | 1     | 2     | 3     | 4     | *     | *     | *        |
|   | N Pike           | *                       | *     | *     | *     | 3     | 3     | *     | *        |
| Round Lake T37 R18W S27   | Walleye          | 1                       | 1     | 1     | 1     | 2     | *     | *     | *        |
| Yellow Lake   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *        |
| <b>CHIPPEWA CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Chippewa River, Cornell Flowage   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *        |
| Chippewa River, Holcombe Flowage  | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *        |
| Chippewa River, Lake Wissota  | Walleye          | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *        |
|   | N Pike           | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *        |
|   | Flathead Catfish | *                       | *     | *     | *     | *     | 2     | 2     | 4        |
| Sturgeon  | *                | *                       | *     | *     | *     | *     | *     | *     | 2 (>50") |
| Chippewa River, Old Abe Flowage   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *        |
| Hemlock Lake  | N Pike           | *                       | *     | *     | *     | *     | 2     | 2     | *        |
| Horseshoe Lake T32 R8W S33  | Walleye          | *                       | *     | *     | *     | 4     | 4     | *     | *        |
| Howe Lake   | LM Bass          | 1                       | 1     | 1     | 3     | *     | *     | *     | *        |
| N. Shattuck Lake  | LM Bass          | 1                       | 1     | 1     | 2     | *     | *     | *     | *        |
|   | N Pike           | *                       | *     | *     | *     | *     | 2     | 2     | 3        |
| Pine Lake   | N Pike           | *                       | *     | *     | *     | *     | *     | 3     | *        |
| Riley Lake  | Walleye          | *                       | *     | *     | *     | *     | 2     | 2     | *        |
| Round Lake T32 R9W S14  | Walleye          | 1                       | 1     | 1     | 1     | 3     | 4     | *     | *        |
| Two Island Lake   | LM Bass          | *                       | *     | *     | 3     | *     | *     | *     | *        |
| <b>CLARK CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Black River from Hwy. 29/73 bridge south to Lake Arbutus. See Jackson Co. also.           | Walleye          | 1                       | 1     | 1     | 3     | 4     | 4     | 4     | *        |
|   | N Pike           | *                       | *     | *     | *     | 2     | 2     | 2     | *        |
|   | Musky            | *                       | *     | *     | *     | *     | *     | *     | 4        |
| Mead Lake   | Walleye          | *                       | *     | *     | *     | 2     | 3     | 4     | *        |
| <b>CRAWFORD CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Kickapoo River near Steuben   | N Pike           | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *        |
|   | Walleye          | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *        |
| <b>DANE CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Lake Monona   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | 3     | *        |
| Lake Waubesa  | Walleye          | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *        |
| <b>DOUGLAS CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Amnicon Lake  | Walleye          | 1                       | 1     | 1     | 2     | 2     | 4     | *     | *        |
| Dowling Lake  | Walleye          | 1                       | 1     | 1     | 2     | 3     | *     | *     | *        |
| Lyman Lake  | Walleye          | *                       | *     | 3     | 3     | 4     | 4     | *     | *        |
|   | Musky            | *                       | *     | *     | *     | *     | *     | *     | 3        |
| Minnesuing Lake   | Walleye          | 1                       | 1     | 1     | 3     | 3     | 3     | *     | *        |
| Nebagamon Lake  | Walleye          | *                       | *     | *     | 2     | 3     | *     | *     | *        |
| St. Croix Flowage   | BL Crappie       | 1                       | 1     | 2     | *     | *     | *     | *     | *        |
|   | LM Bass          | 1                       | 1     | 1     | 1     | 3     | *     | *     | *        |
| St. Louis River including Superior Harbor<br>Upper St. Croix Lake                         | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | 4     | *        |
|   | Walleye          | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *        |
|   | N Pike           | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *        |
| <b>DUNN CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Tainter Lake  | Walleye          | 1                       | 1     | 1     | 2     | 3     | *     | *     | *        |

| County/Water   | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>FLORENCE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Brule River at Paint River Pond  | Walleye      | 1                       | 1     | 2     | 3     | 4     | 4     | *     | *   |
| Emily Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *   |
| Sand Lake T38 R18E S21   | Walleye      | *                       | *     | *     | 3     | 4     | 4     | *     | *   |
| Sealion Lake   | Walleye      | *                       | *     | *     | *     | 3     | 3     | 3     | *   |
| <b>FOND DU LAC CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Long Lake  | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *   |
| <b>FOREST CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Deep Hole Lake   | Walleye      | *                       | *     | *     | 3     | 4     | 4     | *     | *   |
| Little Sand Lake   | LM Bass      | *                       | 2     | 3     | *     | *     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | *     | 3     | 3     | 4   |
|  | Walleye      | *                       | *     | *     | *     | *     | 4     | 4     | *   |
| Pine Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *   |
| Van Zile Lake  | N Pike       | *                       | *     | *     | *     | *     | 4     | 4     | *   |
|  | LM Bass      | 2                       | 3     | 4     | 4     | *     | *     | *     | *   |
| <b>IRON CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Gile Flowage   | Walleye      | *                       | *     | *     | 3     | 4     | *     | *     | *   |
| North Bass Lake  | LM Bass      | 2                       | 2     | 3     | 4     | *     | *     | *     | *   |
| Owl Lake   | Walleye      | *                       | 2     | 3     | 4     | 4     | 4     | *     | *   |
| Six Lake   | Rock Bass    | 2                       | *     | *     | *     | *     | *     | *     | *   |
|  | Y Perch      | 3                       | 3     | *     | *     | *     | *     | *     | *   |
| Turtle-Flambeau Flowage  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *   |
| <b>JACKSON CO.</b>   |              |                         |       |       |       |       |       |       |     |
| <i>Black River below Black River Falls</i>   | Walleye      | 1                       | 1     | 1     | 3     | 3     | *     | *     | *   |
|  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Lake Arbutus and backwaters  | CH Catfish   | *                       | *     | *     | *     | *     | *     | 4     | 4   |
|  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | 2   |
|  | SM Bass      | 1                       | 2     | 2     | 3     | 4     | *     | *     | *   |
|  | Walleye      | *                       | *     | *     | 2     | 3     | 4     | *     | *   |
|  | BL Crappie   | 1                       | 2     | *     | *     | *     | *     | *     | *   |
| Potter's Flowage   | LM Bass      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
|  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Robert's Flowage   | LM Bass      | 1                       | 1     | 2     | 2     | 4     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | *     | *     | 2     | 3   |
| <b>JUNEAU</b>  |              |                         |       |       |       |       |       |       |     |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Adams, Lincoln, and Juneau Counties also. | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Wisconsin River below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)                                     | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| <b>JEFFERSON CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *   |
| <b>LANGLADE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | *                       | *     | *     | *     | *     | 3     | *     | *   |
| Deep Wood Lake   | LM Bass      | *                       | 2     | 2     | 3     | *     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| Greater Bass Lake  | LM Bass      | 2                       | 3     | 4     | 4     | 4     | *     | *     | *   |
| Lower Bass Lake  | LM Bass      | 1                       | 2     | 3     | 4     | *     | *     | *     | *   |
| Summit Lake  | LM Bass      | *                       | 2     | 2     | *     | *     | *     | *     | *   |
| <b>LINCOLN CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| Somo Lake  | Walleye      | *                       | *     | *     | *     | 4     | *     | *     | *   |
| Spirit River Flowage   | BL Crappie   | 1                       | 2     | *     | *     | *     | *     | *     | *   |
|  | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Wisconsin River at Lake Alice. See Adams, Juneau, and Wood Counties also.  | N Pike       | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| <b>MANITOWOC CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Bullhead Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| <b>MARATHON CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Mayflower Lake   | Walleye      | *                       | *     | *     | *     | 2     | 2     | *     | *   |
| <b>MARINETTE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Lake Noquebay  | Walleye      | 1                       | 1     | 1     | 2     | 4     | 4     | *     | *   |
| <b>MARQUETTE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Buffalo Lake   | N Pike       | 1                       | 1     | 1     | 1     | 2     | 2     | 2     | 4   |

| County/Water  | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>ONEIDA CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Bass Lake T39 R8E S31   | N Pike       | *                       | *     | *     | 1     | 2     | 3     | 3     | *   |
| Big Carr Lake   | Walleye      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
| Bird Lake   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *   |
|   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Chain Lake  | Walleye      | *                       | *     | 2     | 3     | 4     | *     | *     | *   |
|   | N Pike       | *                       | *     | *     | *     | 2     | 2     | 2     | 3   |
| Currie Lake   | Walleye      | *                       | *     | 2     | 2     | 4     | *     | *     | *   |
|   | LM Bass      | *                       | *     | 2     | 2     | *     | *     | *     | *   |
| Foster Lake   | LM Bass      | 1                       | 1     | 3     | 4     | *     | *     | *     | *   |
| Franklin Lake   | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *   |
|   | SM Bass      | 1                       | 2     | 2     | 3     | *     | *     | *     | *   |
|   | Walleye      | *                       | *     | *     | *     | 4     | 4     | *     | *   |
| Hodstradt Lake  | Walleye      | *                       | *     | *     | *     | 4     | 4     | *     | *   |
| Long Lake T37 R7E S10   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | 4     | *   |
| McGrath Lake  | LM Bass      | *                       | 2     | 3     | 3     | *     | *     | *     | *   |
|   | Bluegill     | 2                       | *     | *     | *     | *     | *     | *     | *   |
|   | Y Perch      | 2                       | *     | *     | *     | *     | *     | *     | *   |
| North Nokomis Lake  | Walleye      | 1                       | 1     | 1     | 1     | 3     | 3     | *     | *   |
| North Two Lake  | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *   |
| Rainbow Flowage   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | 4     | *   |
| Sand Lake T39 R9E S20   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
|   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
| Stone Lake  | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
| Sugar Camp Lake   | SM Bass      | *                       | *     | 3     | 4     | 4     | *     | *     | *   |
|   | Walleye      | *                       | *     | *     | 4     | 4     | 4     | *     | *   |
|   | N Pike       | *                       | *     | *     | *     | *     | 3     | 3     | 4   |
| Tomahawk Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Upper Kaubashine Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Willow Flowage  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
|   | Walleye      | 1                       | 1     | 1     | 2     | 4     | *     | *     | *   |
| <b>PIERCE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| St. Croix River   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
| <b>POLK CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Pipe Lake   | Walleye      | *                       | *     | *     | *     | 3     | *     | *     | *   |
| St. Croix River below St. Croix Falls dam<br>downstream to Mississippi R. | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
|   | White Bass   | *                       | *     | 2     | *     | *     | *     | *     | *   |
| <b>PRICE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Bass Lake T40 R2W S15   | Walleye      | *                       | *     | 3     | 4     | 4     | *     | *     | *   |
| Butternut Lake  | Walleye      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
| Elk Lake  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Long Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| Musser Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Newman Lake   | LM Bass      | *                       | *     | 2     | *     | *     | *     | *     | *   |
| Pike Lake   | Walleye      | *                       | *     | 2     | 2     | 2     | *     | *     | *   |
| Pixley Flowage  | Walleye      | *                       | *     | *     | 2     | 2     | 4     | *     | *   |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Solberg Lake  | Walleye      | 1                       | 1     | 2     | 3     | 3     | 4     | 4     | *   |
| <b>RUSK CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Dairyland Reservoir   | Walleye      | *                       | *     | 2     | 3     | 3     | *     | *     | *   |
| Fish Lake   | LM Bass      | *                       | 1     | 2     | 3     | 3     | *     | *     | *   |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Perch Lake  | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *   |
| <b>SAUK CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Devil's Lake  | Walleye      | *                       | 2     | 2     | 2     | 2     | 2     | 3     | *   |
| <b>ST. CROIX CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Bass Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| St. Croix River   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
| <b>SAWYER CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Black Lake  | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *   |
|   | BL Crappie   | 1                       | 3     | 4     | *     | *     | *     | *     | *   |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 4   |
| Fishtrap Lake   | LM Bass      | 1                       | 1     | 2     | 3     | 3     | *     | *     | *   |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Lake Loretta  | LM Bass      | 1                       | 1     | 2     | 3     | 4     | *     | *     | *   |
| Moose Lake  | Walleye      | 1                       | 1     | 3     | *     | *     | *     | *     | *   |
| Two Axe Lake  | LM Bass      | *                       | *     | 2     | 2     | *     | *     | *     | *   |
| Windigo Lake  | N Pike       | *                       | *     | *     | *     | 2     | 2     | 3     | *   |
|   | Walleye      | 1                       | 1     | 2     | 3     | 3     | *     | *     | *   |
| Winter Lake   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 2   |

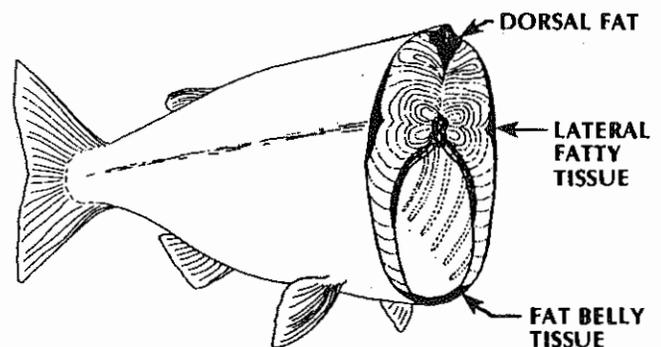
| County/Water   | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |      |
|--|--------------|-------------------------|-------|-------|-------|-------|-------|-------|------|
|  |              | < 10"                   | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | > 30 |
| <b>SHAWANO CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Cloverleaf Chain of Lakes (includes Pine, Grass and Round Lakes) T26N R15E S33 & 34                                  | Walleye      | *                       | *     | *     | *     | *     | 3     | *     | *    |
| Shawano Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *    |
| Wolf River below Shawano Dam down to State Highway 156   | Walleye      | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>SHEBOYGAN CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Crystal Lake   | LM Bass      | 1                       | 1     | 1     | 2     | 2     | *     | *     | *    |
|  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *    |
| <b>TAYLOR CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Chequamegon Waters   | LM Bass      | 1                       | 1     | 1     | 4     | *     | *     | *     | *    |
|  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 1     | 1     | 2    |
| Richter Lake   | LM Bass      | 1                       | 1     | 1     | 3     | *     | *     | *     | *    |
| <b>TREMPEALEAU CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Marinuka Lake  | LM Bass      | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| Black River  | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *    |
| <b>VILAS CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Camp Lake  | LM Bass      | 1                       | 1     | 2     | 4     | *     | *     | *     | *    |
| Eagle Lake T40 R10E S22  | Walleye      | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *    |
| Irving Lake  | Walleye      | *                       | *     | *     | 2     | 2     | 4     | *     | *    |
| Jag Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *    |
|  | SM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *    |
| North Twin Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| Shannon Lake   | LM Bass      | 1                       | 1     | 2     | 4     | 4     | *     | *     | *    |
| Trout Lake   | Walleye      | 1                       | 1     | 1     | 1     | 3     | 4     | 4     | 4    |
| White Birch Lake   | Walleye      | 1                       | 1     | 1     | 1     | 3     | 4     | *     | *    |
| <b>WASHBURN CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Harmon Lake  | LM Bass      | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
|  | N Pike       | 1                       | 1     | 1     | 1     | 2     | 3     | 3     | *    |
| Minong Flowage   | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| Shell Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *    |
| Silver Lake  | LM Bass      | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
| <b>WASHINGTON CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Pike Lake  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 3     | *     | *    |
| <b>WAUPACA CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Columbia Lake  | LM Bass      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| <b>WAUSHARA CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Big Hills Lake   | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *    |
| Kusel Lake   | Walleye      | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>WINNEBAGO CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Lake Winneconne on the Wolf River  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *    |
| <b>WOOD CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also. | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |

### COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH

PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

- Remove all skin.
- Cut away the dark fat on top of the fish along its backbone.
- Slice off fat belly meat along the bottom of the fish.
- Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings. Fish may also be cooked in liquids, but discard the resulting broth.



**COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH**

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. **You cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.**

NOTE: If you catch fish from **both** Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

**Monthly Consumption**

| If you eat this many<br><b>Group 2</b> fish meals in<br>one month... | ...eat no more than this<br>many <b>Group 3</b> fish meals<br>that same month: |
|--|--|
| 0 .....  | 7  |
| 2 .....  | 6  |
| 4 .....  | 5  |
| 6 .....  | 4  |
| 8 .....  | 3  |
| 10 .....   | 2  |
| 12 .....   | 1  |
| 13 .....   | 0  |

**Annual Consumption**

| If you eat this many<br><b>Group 2</b> fish meals in<br>one year... | ...eat no more than this<br>many <b>Group 3</b> fish meals<br>that same year: |
|---|---|
| 0 .....   | 13  |
| 2 .....   | 12  |
| 4 .....   | 11  |
| 6 .....   | 10  |
| 8 .....   | 9   |
| 10 .....  | 8   |
| 12 .....  | 7   |
| 14 .....  | 6   |
| 16 .....  | 5   |
| 18 .....  | 4   |
| 20 .....  | 3   |
| 22 .....  | 2   |
| 24 .....  | 1   |
| 26 .....  | 0   |

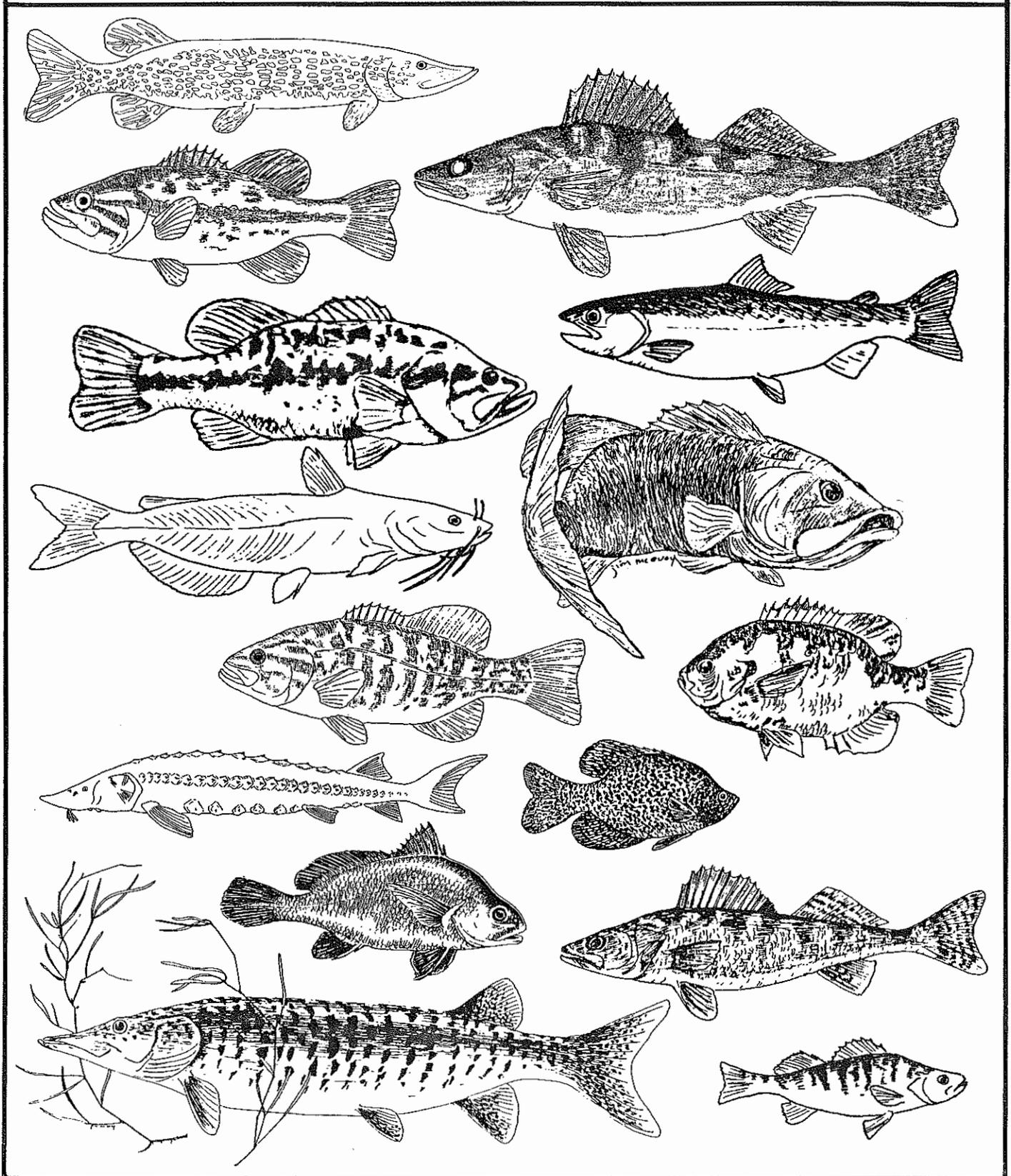
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**FISH ADVISORY**  
 Wisconsin Dept. of Natural Resources  
 P.O. Box 7921  
 Madison, WI 53707

|                                    |   |
|------------------------------------|---|
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|------------------------------------|---|

# Health advisory for people who eat sport fish from Wisconsin waters

April 1990



# Health advisory for people who eat sport fish from Wisconsin waters

This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticides (pages 1, 2 and 3), and another for fish contaminated with mercury (pages 3 through 7). Generally, people who should take the most precautions are children aged 18 or less, women who intend to have children, and women who are pregnant or breastfeeding.

## PCB and pesticide contamination in fish

|   | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.                                   | <b>Group 3</b><br>No one should eat these fish.  |
|---|---|---|--|
| See page 3 for specific health advice on each group of fish.  |   |   |  |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23"*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35"*<br>Brown trout over 23"<br>Carp<br>Catfish  |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Perch<br>Walleye up to 20"<br>Brown trout up to 12"<br>Bullhead<br>White sucker | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20"*<br>White bass |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   | <i>Walleye up to 15"</i>  | Northern pike<br>White sucker<br><i>Walleye 15 to 18"</i>   | White bass*<br><i>Walleye over 18"</i><br>Carp*<br>Drum*<br>Channel catfish*   |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | White bass<br>Walleye up to 15"<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"  |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam  | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Catfish*   |
| NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |   |  |
| <b>MANITOWOC RIVER</b> from its mouth up to the first dam   | NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   | Catfish*   |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creeks</b>             | Coho salmon up to 26"<br>Chinook salmon up to 21"   | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"                  | Bluegill<br>Crappie<br>Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35"*            |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b>          | Perch   |   | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass<br><i>White Sucker</i>  |
| NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |   |  |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)  | Rock bass up to 8.5"  | Redhorse  | Northern pike<br>Carp  |
| <b>CEDAR CREEK</b> from the Milwaukee River up to Bridge Road in the Village of Cedarburg   |   |   | All species*   |

# PCB and pesticide contamination in fish

|  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.            | <b>Group 3</b><br>No one should eat these fish.   |
|--|---|--|---|
|  | See page 3 for specific health advice on each group of fish.  |  |   |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine                    | Carp up to 21"  |  | Carp over 21"*  |
|  | NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  |  |   |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha                       |   | <i>Carp</i>  |   |
|  | NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  |  |   |
| <b>LAKE SUPERIOR</b>   | Lake trout up to 30"  |  | Lake trout over 30"   |
|  | NOTE: Also see advice for mercury-contaminated walleye in the St. Louis River, Douglas County, page 5.  |  |   |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |   |  | Carp  |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake                         | Northern pike   | Crappies<br>Bullhead   | Largemouth bass<br>Carp   |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp  |  | Lake trout over 32"   |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)                                   |   |  | Carp  |
|  | See advice on mercury-contaminated fish in the Wisconsin River on pages 3 through 7 under Adams, Juneau, Lincoln, Sauk, and Wood Counties.  |  |   |
| <b>WISCONSIN RIVER</b> at Wisconsin Dells to the Prairie du Sac Dam (includes Lake Wisconsin)                          |   | Lake sturgeon  |   |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin                     | Drum<br>White bass<br>Carp up to 26"<br>Walleye<br>Flathead catfish up to 26"<br>Sauger<br>Buffalo up to 23"  |  | Channel catfish<br>Buffalo over 23"<br>Carp over 26"<br>Flathead catfish over 26"   |
|  | NOTE: Also see additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties, pages 4 through 7.   |  |   |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4). | Drum<br>Walleye<br>Sauger<br>White bass up to 13"<br>Flathead catfish up to 30"<br>Buffalo up to 18" (Pool 3)<br>Buffalo up to 20" (Pool 4)<br>Channel catfish up to 16" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Carp up to 21" | Channel catfish 16" to 23" (Pool 3)<br>Channel catfish 21" to 23" (Pool 4) | White bass over 13"<br>Buffalo over 18" (Pool 3)<br>Buffalo over 20" (Pool 4)<br>Flathead catfish over 30"<br>Channel catfish over 23"<br>Carp over 21" |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)                     | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"<br>Buffalo<br>Drum<br>Walleye<br>Sauger<br>White bass   | Carp over 24"<br>Channel catfish 21 to 25"                                 | Channel catfish over 25"  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Lynxville (Pools 7, 8 and 9)                  | Buffalo<br>Walleye<br>Crappie<br>Flathead catfish<br>Channel catfish up to 24"<br>Drum<br>White bass<br>Carp  | Channel catfish over 24"   |   |

|  |  |
|--|--|
| <b>HEALTH ADVICE</b> for the charts on pages 1 & 2 |  |
| <b>GROUP 1:</b>                                    | Contaminant levels in 10 percent or less of tested Group 1 fish are higher than one or more health standards. <b>EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.</b> Trim fat and skin from Group 1 fish before cooking and eating them.   |
| <b>GROUP 2:</b>                                    | Contaminant levels in more than 10 percent but less than 50 percent of tested Group 2 fish are higher than one or more health standards. <b>CHILDREN UNDER 18, NURSING MOTHERS, PREGNANT WOMEN, AND WOMEN WHO INTEND TO HAVE CHILDREN SHOULD NOT EAT GROUP 2 FISH.</b> You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Petenwell Flowage and Lake Superior elsewhere in this publication. |
| <b>GROUP 3:</b>                                    | Contaminant levels in 50 percent or more of tested Group 3 fish are higher than one or more health standards. <b>NO ONE SHOULD EAT GROUP 3 FISH.</b><br>*Ninety percent or more of Group 3 fish marked with an asterisk (*) contain contaminant levels higher than one or more health standards.   |

|  |                           |
|--|---------------------------|
| U.S. Food & Drug Administration<br>and Wisconsin Division of<br>Health Standards for<br>Contaminants Commonly<br>Found in Sport Fish |                           |
| PCBs   | 2 parts per million (ppm) |
| DDT  | 5 ppm                     |
| Toxaphene  | 5 ppm                     |
| Chlordane  | 0.3 ppm                   |
| Dieldrin   | 0.3 ppm                   |
| Mercury  | 0.5 ppm                   |
| Dioxin   | 50 parts per trillion     |

SOURCE: Wisconsin Division of Health  
and Wisconsin Department of  
Natural Resources  
April 1990

## Mercury contamination in fish

### HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake is on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol "\*" — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

### HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

**GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. *Everyone else may eat unlimited amounts of Group 1 fish.* Skin-on fillet samples average 0.5 ppm mercury or less.

**GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 18 should not eat Group 2 fish. *Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month.* Skin-on fillet samples average 0.5 to 0.75 ppm mercury.

**GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 18 should not eat Group 3 fish. *Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month.* Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.

**GROUP 4:** **NO ONE SHOULD EAT GROUP 4 FISH.** Skin-on fillet samples contain an average mercury level above 1.0 ppm.

\* : This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water  | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior   | Walleye      | 1                       | 1     | 1     | 1     | 3     | 3     | 4     | *   |
| <b>ADAMS CO.</b>  |              |                         |       |       |       |       |       |       |     |
| <b>Wisconsin R.</b> below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage) See Juneau, Lincoln, Sauk, and Wood Counties also. | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| <b>Wisconsin R.</b> from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Juneau, Lincoln, Sauk, and Wood Counties also.        | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in October 1989.

LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch  
BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker

| County/Water  | Fish Species     | Fish Length (in inches) |       |       |       |       |       |       |          |
|---|------------------|-------------------------|-------|-------|-------|-------|-------|-------|----------|
|   |                  | < 10"                   | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | > 30     |
| <b>ASHLAND CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Bear Lake   | Walleye          | 1                       | 1     | 1     | 2     | 3     | *     | *     | *        |
| Day Lake  | Musky            | *                       | *     | *     | *     | *     | *     | *     | 2        |
| Mineral Lake  | LM Bass          | *                       | *     | 2     | *     | *     | *     | *     | *        |
|   | Musky            | *                       | *     | *     | *     | *     | *     | *     | 3        |
| Lake Three  | LM Bass          | 1                       | 1     | 1     | 2     | *     | *     | *     | *        |
| Spillierberg Lake   | Y Perch          | 2                       | *     | *     | *     | *     | *     | *     | *        |
|   | Musky            | *                       | *     | *     | *     | *     | *     | *     | 3        |
| <b>BARRON CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Bear Lake   | Walleye          | 1                       | 1     | 1     | 1     | 2     | *     | *     | *        |
| Loon Lake   | Walleye          | *                       | *     | *     | 3     | 3     | *     | *     | *        |
| Red Cedar Lake  | Walleye          | 1                       | 1     | 1     | 2     | 2     | *     | *     | *        |
| Scott Lake T35 R14W S16   | Walleye          | *                       | *     | *     | *     | 3     | 3     | *     | *        |
| Spring Lake   | Walleye          | *                       | *     | *     | 2     | 3     | *     | *     | *        |
| <b>BAYFIELD CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Cisco Lake  | Walleye          | *                       | *     | *     | *     | 3     | *     | *     | *        |
| Long Lake T47 R8W S2  | Y Perch          | 1                       | 1     | 2     | *     | *     | *     | *     | *        |
|   | Walleye          | *                       | *     | *     | *     | 3     | *     | *     | *        |
|   | LM Bass          | *                       | *     | 2     | *     | *     | *     | *     | *        |
| Long Lake T48 R5W S6  | LM Bass          | *                       | 2     | 3     | 4     | *     | *     | *     | *        |
|   | Y Perch          | 1                       | 2     | *     | *     | *     | *     | *     | *        |
| Namekagon Lake  | Walleye          | 1                       | 1     | 1     | 1     | 2     | *     | *     | *        |
| Owen Lake   | Walleye          | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *        |
| Perch Lake T45 R7W S5   | LM Bass          | 1                       | 1     | 2     | 2     | *     | *     | *     | *        |
| Siskiwit Lake   | Walleye          | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *        |
| Tahkodah Lake   | N Pike           | *                       | *     | *     | *     | 2     | 2     | 2     | *        |
|   | Walleye          | *                       | *     | *     | 4     | 4     | 4     | *     | *        |
| West Twin Lake  | LM Bass          | *                       | *     | 2     | *     | *     | *     | *     | *        |
|   | N Pike           | *                       | *     | *     | *     | *     | 3     | *     | *        |
| Pike Chain of Lakes<br>(Includes Buskey Bay, Millicent, Hart, Twin Bear, and Eagle Lakes) | Walleye          | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *        |
| <b>BURNETT CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Johnson Lake T40 R16W S23   | LM Bass          | 1                       | 1     | 2     | 3     | 4     | *     | *     | *        |
|   | N Pike           | *                       | *     | *     | *     | 3     | 3     | *     | *        |
| Round Lake T37 R18W S27   | Walleye          | 1                       | 1     | 1     | 1     | 2     | *     | *     | *        |
| Yellow Lake   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *        |
| <b>CHIPPEWA CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Chippewa River, Cornell Flowage   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *        |
| Chippewa River, Holcombe Flowage  | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *        |
| Chippewa River, Lake Wissota  | Walleye          | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *        |
|   | N Pike           | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *        |
|   | Flathead Catfish | *                       | *     | *     | *     | *     | 2     | 2     | 4        |
|   | Sturgeon         | *                       | *     | *     | *     | *     | *     | *     | 2 (>50") |
| Chippewa River, Old Abe Flowage   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *        |
| Hemlock Lake  | N Pike           | *                       | *     | *     | *     | *     | 2     | 2     | *        |
| Horseshoe Lake T32 R8W S33  | Walleye          | *                       | *     | *     | *     | 4     | 4     | *     | *        |
| Howe Lake   | LM Bass          | 1                       | 1     | 1     | 3     | *     | *     | *     | *        |
| N. Shattuck Lake  | LM Bass          | 1                       | 1     | 1     | 2     | *     | *     | *     | *        |
|   | N Pike           | *                       | *     | *     | *     | *     | 2     | 2     | 3        |
| Pine Lake   | N Pike           | *                       | *     | *     | *     | 2     | 2     | 3     | *        |
| Riley Lake  | Walleye          | *                       | *     | *     | *     | *     | 2     | 2     | *        |
| Round Lake T32 R9W S14  | Walleye          | 1                       | 1     | 1     | 1     | 3     | 4     | *     | *        |
| Two Island Lake   | LM Bass          | *                       | *     | *     | 3     | *     | *     | *     | *        |
| <b>CLARK CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Black River from Hwy. 29/73 bridge south to Lake Arbutus. See Jackson Co. also.           | Walleye          | 1                       | 1     | 1     | 3     | 4     | 4     | 4     | *        |
|   | N Pike           | *                       | *     | *     | *     | 2     | 2     | 2     | *        |
|   | Musky            | *                       | *     | *     | *     | *     | *     | *     | 4        |
| Mead Lake   | Walleye          | *                       | *     | *     | *     | 2     | 3     | 4     | *        |
| <b>CRAWFORD CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Kickapoo River near Steuben   | N Pike           | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *        |
|   | Walleye          | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *        |
| <b>DANE CO.</b>   |                  |                         |       |       |       |       |       |       |          |
| Lake Monona   | Walleye          | 1                       | 1     | 1     | 1     | 2     | 3     | 3     | *        |
| Lake Waubesa  | Walleye          | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *        |
| <b>DOUGLAS CO.</b>  |                  |                         |       |       |       |       |       |       |          |
| Amnicon Lake  | Walleye          | 1                       | 1     | 1     | 2     | 2     | 4     | *     | *        |
| Dowling Lake  | Walleye          | 1                       | 1     | 1     | 2     | 3     | *     | *     | *        |
| Lyman Lake  | Walleye          | *                       | *     | 3     | 3     | 4     | 4     | *     | *        |
|   | Musky            | *                       | *     | *     | *     | *     | *     | *     | 3        |

| County/Water   | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>DOUGLAS CO. (cont.)</b>   |              |                         |       |       |       |       |       |       |     |
| Minnesuing Lake  | Walleye      | 1                       | 1     | 1     | 3     | 3     | 3     | *     | *   |
| Nebagamon Lake   | Walleye      | *                       | *     | *     | 2     | 3     | *     | *     | *   |
| St. Croix Flowage  | BL Crappie   | 1                       | 1     | 2     | *     | *     | *     | *     | *   |
|  | LM Bass      | 1                       | 1     | 1     | 1     | 3     | *     | *     | *   |
| St. Louis River including Superior Harbor  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | 4     | *   |
| Upper St. Croix Lake   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *   |
|  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | *   |
| <b>DUNN CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Tainter Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| <b>FLORENCE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Brule River at Paint River Pond  | Walleye      | 1                       | 1     | 2     | 3     | 4     | 4     | *     | *   |
| Emily Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *   |
| Sand Lake T38 R18E S21   | Walleye      | *                       | *     | *     | 3     | 4     | 4     | *     | *   |
| Sealion Lake   | Walleye      | *                       | *     | *     | *     | 3     | 3     | 3     | *   |
| <b>FOND DU LAC CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Forest Lake  | LM Bass      | 1                       | 1     | 2     | *     | *     | *     | *     | *   |
|  | N Pike       | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| Long Lake  | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *   |
| Mauthe Lake  | Y Perch      | 2                       | 2     | *     | *     | *     | *     | *     | *   |
|  | Walleye      | *                       | *     | *     | *     | 3     | *     | *     | *   |
| <b>FOREST CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Deep Hole Lake   | Walleye      | *                       | *     | *     | 3     | 4     | 4     | *     | *   |
| Little Sand Lake   | LM Bass      | *                       | 2     | 3     | *     | *     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | *     | 3     | 3     | 4   |
|  | Walleye      | *                       | *     | *     | *     | *     | 4     | 4     | *   |
| Pine Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | *     | *   |
| Van Zile Lake  | N Pike       | *                       | *     | *     | *     | *     | 4     | 4     | *   |
|  | LM Bass      | 2                       | 3     | 4     | 4     | *     | *     | *     | *   |
| <b>IRON CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Gile Flowage   | Walleye      | *                       | *     | *     | 3     | 4     | *     | *     | *   |
| North Bass Lake  | LM Bass      | 2                       | 2     | 3     | 4     | *     | *     | *     | *   |
|  | Rock Bass    | 3                       | *     | *     | *     | *     | *     | *     | *   |
| Owl Lake   | Walleye      | *                       | 2     | 3     | 4     | 4     | 4     | *     | *   |
| Six Lake   | Rock Bass    | 2                       | *     | *     | *     | *     | *     | *     | *   |
|  | Y Perch      | 3                       | 3     | *     | *     | *     | *     | *     | *   |
| Turtle-Flambeau Flowage  | Walleye      | 1                       | 1     | 1     | 1     | 3     | 4     | *     | *   |
| <b>JACKSON CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Black River  | Walleye      | 1                       | 1     | 2     | 3     | 3     | *     | *     | *   |
|  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 4   |
| Lake Arbutus and backwaters  | CH Catfish   | *                       | *     | *     | *     | *     | *     | 4     | 4   |
|  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 1     | 2     | 2   |
|  | SM Bass      | 1                       | 2     | 2     | 3     | 4     | *     | *     | *   |
|  | Walleye      | *                       | *     | *     | 2     | 3     | 4     | *     | *   |
|  | BL Crappie   | 1                       | 2     | *     | *     | *     | *     | *     | *   |
| Potter's Flowage   | LM Bass      | *                       | *     | 2     | 2     | 4     | *     | *     | *   |
|  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Robert's Flowage   | LM Bass      | 1                       | 1     | 2     | 2     | 4     | *     | *     | *   |
|  | BL Crappie   | 2                       | *     | *     | *     | *     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | *     | *     | 2     | 3   |
| Upper Harkner Flowage  | BL Crappie   | 2                       | 3     | *     | *     | *     | *     | *     | *   |
|  | Y Perch      | 1                       | 2     | 2     | *     | *     | *     | *     | *   |
| <b>JUNEAU</b>  |              |                         |       |       |       |       |       |       |     |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Adams, Lincoln, Juneau, and Sauk Counties also. | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Wisconsin River below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| <b>JEFFERSON CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *   |
| <b>LANGLADE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | *                       | *     | *     | *     | *     | 3     | *     | *   |
| Deep Wood Lake   | LM Bass      | *                       | 2     | 2     | 3     | *     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | 3     | 3     | *     | *   |
| Greater Bass Lake  | LM Bass      | 2                       | 3     | 4     | 4     | 4     | *     | *     | *   |
| Lower Bass Lake  | LM Bass      | 1                       | 2     | 3     | 4     | *     | *     | *     | *   |
| Summit Lake  | LM Bass      | *                       | 2     | 2     | *     | *     | *     | *     | *   |
| <b>LINCOLN CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
|  | N Pike       | *                       | *     | *     | *     | 3     | 3     | *     | *   |

| County/Water  | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"                    | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>LINCOLN CO. (cont.)</b>  |              |                         |       |       |       |       |       |       |     |
| Seven Island Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Somo Lake   | Walleye      | *                       | *     | *     | 3     | 4     | *     | *     | *   |
| Spirit River Flowage  | N Pike       | *                       | *     | *     | *     | 2     | 2     | *     | *   |
|   | BL Crappie   | 1                       | 2     | *     | *     | *     | *     | *     | *   |
|   | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| Wisconsin River at Lake Alice. See Adams, Juneau, Sauk, and Wood Counties also. | N Pike       | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
|   | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
| <b>MANITOWOC CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Bullhead Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| <b>MARATHON CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Mayflower Lake  | Walleye      | *                       | *     | *     | 2     | 2     | 2     | *     | *   |
| <b>MARINETTE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Lake Noquebay   | Walleye      | 1                       | 1     | 1     | 2     | 4     | 4     | *     | *   |
| Menominee River at Lower Scott Flowage  | Rock Bass    | 3                       | *     | *     | *     | *     | *     | *     | *   |
| <b>MARQUETTE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Buffalo Lake  | N Pike       | 1                       | 1     | 1     | 1     | 2     | 2     | 2     | 4   |
| <b>ONEIDA CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Bass Lake T39 R8E S31   | N Pike       | *                       | *     | *     | 1     | 2     | 3     | 3     | *   |
| Big Carr Lake   | Walleye      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
| Bird Lake   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *   |
| Currie Lake   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |
|   | Walleye      | *                       | *     | 2     | 2     | 4     | *     | *     | *   |
| Foster Lake   | LM Bass      | *                       | *     | 2     | 2     | *     | *     | *     | *   |
|   | LM Bass      | 1                       | 1     | 3     | 4     | *     | *     | *     | *   |
| Franklin Lake   | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *   |
|   | SM Bass      | 1                       | 2     | 2     | 3     | *     | *     | *     | *   |
| Hodstradt Lake  | Walleye      | *                       | *     | *     | *     | 4     | 4     | *     | *   |
|   | Walleye      | *                       | *     | *     | *     | 4     | 4     | *     | *   |
| Long Lake T37 R7E S10   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | 4     | *   |
| McGrath Lake  | LM Bass      | *                       | 2     | 3     | 3     | *     | *     | *     | *   |
|   | Bluegill     | 2                       | *     | *     | *     | *     | *     | *     | *   |
|   | Y Perch      | 2                       | *     | *     | *     | *     | *     | *     | *   |
| Moens Lake  | Walleye      | *                       | *     | 3     | 4     | 4     | 4     | *     | *   |
| North Nokomis Lake  | Walleye      | 1                       | 1     | 1     | 1     | 3     | 3     | *     | *   |
| North Two Lake  | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *   |
| Rainbow Flowage   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 3     | 4     | *   |
| Sugar Camp Chain of Lakes (includes Chain, Echo, Dam, Sand and Stone Lakes)     | Walleye      | 1                       | 1     | 1     | 3     | 4     | 4     | *     | *   |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | 2   |
| Sugar Camp Lake   | SM Bass      | *                       | *     | 3     | 4     | 4     | *     | *     | *   |
|   | Walleye      | *                       | *     | *     | 4     | 4     | 4     | *     | *   |
|   | N Pike       | *                       | *     | *     | *     | *     | 3     | 3     | 4   |
| Thompson Lake   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | *     | *   |
| Tomahawk Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Upper Kaubashine Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *   |
| Willow Flowage  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
|   | Walleye      | 1                       | 1     | 1     | 2     | 4     | *     | *     | *   |
| <b>PIERCE CO.</b>   |              |                         |       |       |       |       |       |       |     |
| St. Croix River   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
| <b>POLK CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Pipe Lake   | Walleye      | *                       | *     | *     | *     | 3     | *     | *     | *   |
| St. Croix River below St. Croix Falls dam downstream to Mississippi R.          | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *   |
|   | White Bass   | *                       | *     | 2     | *     | *     | *     | *     | *   |
| <b>PRICE CO.</b>  |              |                         |       |       |       |       |       |       |     |
| Bass Lake T40 R2W S15   | Walleye      | *                       | *     | 3     | 4     | 4     | *     | *     | *   |
| Butternut Lake  | Walleye      | *                       | *     | 2     | 2     | 3     | *     | *     | *   |
| Elk Lake  | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Long Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *   |
| Musser Lake   | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *   |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 3   |
| Newman Lake   | LM Bass      | *                       | *     | 2     | *     | *     | *     | *     | *   |
| Pike Lake Chain (includes Amik, Pike, Round and Turner Lakes)                   | Walleye      | 1                       | 1     | 2     | 2     | 2     | *     | *     | *   |
| Pixley Flowage  | Walleye      | *                       | *     | *     | 2     | 2     | 4     | *     | *   |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
| Solberg Lake  | Walleye      | 1                       | 1     | 2     | 3     | 3     | 4     | 4     | *   |
| <b>RUSK CO.</b>   |              |                         |       |       |       |       |       |       |     |
| Dairyland Reservoir   | Walleye      | *                       | *     | 2     | 3     | 3     | *     | *     | *   |
| Fish Lake   | LM Bass      | *                       | 1     | 2     | 3     | 3     | *     | *     | *   |
| Perch Lake  | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *   |
|   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *   |

| County/Water  | Fish Species | Fish Length (in inches) |       |       |       |       |       |       |      |
|---|--------------|-------------------------|-------|-------|-------|-------|-------|-------|------|
|   |              | < 10"                   | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | > 30 |
| <b>SAUK CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Devil's Lake  | Walleye      | *                       | 2     | 2     | 2     | 2     | 2     | 3     | *    |
| <b>Wisconsin River below the Wisconsin Dells dam to the Hwy 78 bridge (See Adams, Juneau, Lincoln and Wood Counties also)</b> |              |                         |       |       |       |       |       |       |      |
|   | Walleye      | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
|   | SM Bass      | 1                       | 1     | 1     | 1     | 3     | *     | *     | *    |
| <b>ST. CROIX CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Bass Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *    |
| St. Croix River   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | 3     | *    |
| <b>SAWYER CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Black Lake  |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *    |
|   | BL Crappie   | 1                       | 3     | 4     | *     | *     | *     | *     | *    |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 4    |
| Calahan-Mud Lake  |              |                         |       |       |       |       |       |       |      |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 4    |
| Fishtrap Lake   |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | 1                       | 1     | 2     | 3     | 3     | *     | *     | *    |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 2     | 2     | *    |
| Lake Loretta  | LM Bass      | 1                       | 1     | 2     | 3     | 4     | *     | *     | *    |
| Moose Lake  | Walleye      | 1                       | 1     | 3     | *     | *     | *     | *     | *    |
| Two Axe Lake  | LM Bass      | *                       | *     | 2     | 2     | *     | *     | *     | *    |
| Windigo Lake  | N Pike       | *                       | *     | *     | *     | 2     | 2     | 3     | *    |
|   | Walleye      | 1                       | 1     | 2     | 3     | 3     | *     | *     | *    |
| Winter Lake   | LM Bass      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *    |
|   | Musky        | *                       | *     | *     | *     | *     | *     | *     | 2    |
| <b>SHAWANO CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Cloverleaf Chain of Lakes (includes Pine, Grass and Round Lakes) T26N R15E S33 & 34   |              |                         |       |       |       |       |       |       |      |
|   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 3     | *     | *    |
| Shawano Lake  | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *    |
| <b>Wolf River below Shawano Dam down to State Highway 156</b>   |              |                         |       |       |       |       |       |       |      |
|   | Walleye      | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>SHEBOYGAN CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Crystal Lake  |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | 1                       | 1     | 1     | 2     | 2     | *     | *     | *    |
|   | Walleye      | 1                       | 1     | 1     | 1     | 2     | 2     | *     | *    |
| <b>TAYLOR CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Chequamegon Waters  |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | 1                       | 1     | 1     | 4     | *     | *     | *     | *    |
|   | N Pike       | 1                       | 1     | 1     | 1     | 1     | 1     | 1     | 2    |
| Diamond Lake  | Walleye      | *                       | *     | *     | 2     | 2     | 2     | *     | *    |
| Richter Lake  | LM Bass      | 1                       | 1     | 1     | 3     | *     | *     | *     | *    |
| <b>TREMPEALEAU CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Marinuka Lake   |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| Black River   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 3     | 3     | *    |
| <b>VILAS CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Camp Lake   |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | 1                       | 1     | 2     | 4     | *     | *     | *     | *    |
| Eagle Lake T40 R10E S22   | Walleye      | 1                       | 1     | 1     | 2     | 2     | 2     | *     | *    |
| Irving Lake   | Walleye      | *                       | *     | *     | 2     | 2     | 4     | *     | *    |
| Jag Lake  | Walleye      | 1                       | 1     | 1     | 2     | 3     | 4     | *     | *    |
|   | SM Bass      | 1                       | 1     | 2     | 2     | *     | *     | *     | *    |
| North Twin Lake   | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| Oswego Lake   | N Pike       | *                       | *     | *     | *     | 2     | 2     | 2     | *    |
| Shannon Lake  | LM Bass      | 1                       | 1     | 2     | 4     | 4     | *     | *     | *    |
| Trout Lake  | Walleye      | 1                       | 1     | 1     | 1     | 3     | 4     | 4     | 4    |
| White Birch Lake  | Walleye      | 1                       | 1     | 1     | 1     | 3     | 4     | *     | *    |
| <b>WASHBURN CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Harmon Lake   |              |                         |       |       |       |       |       |       |      |
|   | LM Bass      | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
|   | N Pike       | 1                       | 1     | 1     | 1     | 2     | 3     | 3     | *    |
| Minong Flowage  | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| Shell Lake  | Walleye      | 1                       | 1     | 1     | 2     | 3     | *     | *     | *    |
| Silver Lake   | LM Bass      | 1                       | 1     | 1     | 2     | *     | *     | *     | *    |
| <b>WASHINGTON CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Pike Lake   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 3     | *     | *    |
| <b>WAUPACA CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Columbia Lake   | LM Bass      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |
| <b>WAUSHARA CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Big Hills Lake  |              |                         |       |       |       |       |       |       |      |
|   | Walleye      | *                       | *     | *     | *     | 2     | *     | *     | *    |
| Kusel Lake  | Walleye      | *                       | *     | *     | 2     | 2     | *     | *     | *    |
| <b>WINNEBAGO CO.</b>  |              |                         |       |       |       |       |       |       |      |
| Lake Winneconne on the Wolf River   | Walleye      | 1                       | 1     | 1     | 1     | 1     | 2     | *     | *    |
| <b>WOOD CO.</b>   |              |                         |       |       |       |       |       |       |      |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also.          |              |                         |       |       |       |       |       |       |      |
|   | Walleye      | 1                       | 1     | 1     | 1     | 2     | *     | *     | *    |

**COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH**

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. You cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.

NOTE: If you catch fish from both Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

**Monthly Consumption**

| If you eat this many Group 2 fish meals in one month... | ...eat no more than this many Group 3 fish meals that same month: |
|---|---|
| 0 .....   | 7   |
| 2 .....   | 6   |
| 4 .....   | 5   |
| 6 .....   | 4   |
| 8 .....   | 3   |
| 10 .....  | 2   |
| 12 .....  | 1   |
| 13 .....  | 0   |

**Annual Consumption**

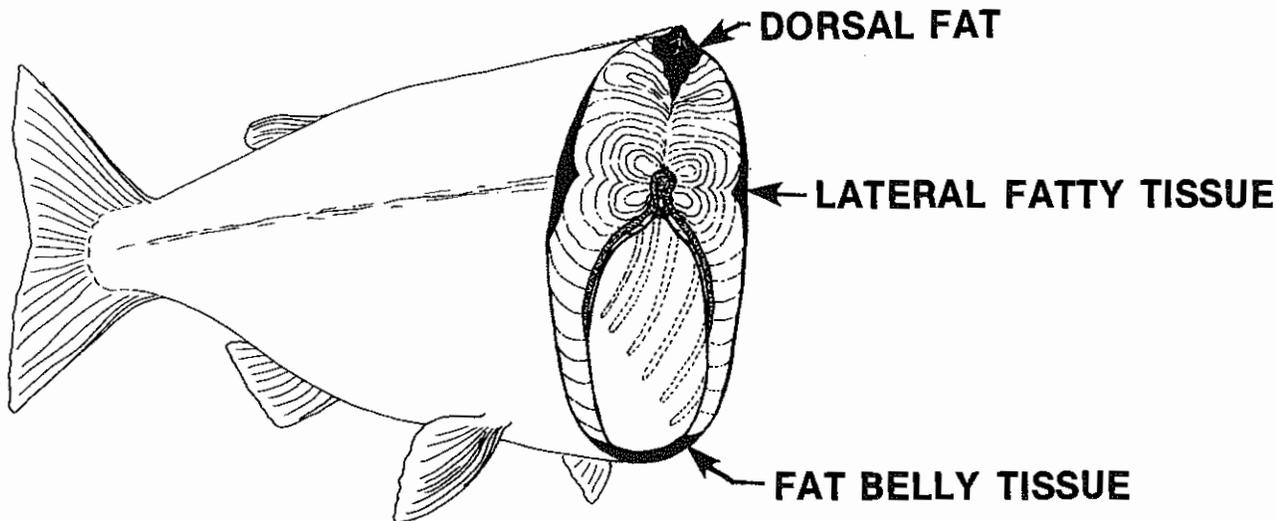
| If you eat this many Group 2 fish meals in one year... | ...eat no more than this many Group 3 fish meals that same year: |
|--|--|
| 0 .....  | 13   |
| 2 .....  | 12   |
| 4 .....  | 11   |
| 6 .....  | 10   |
| 8 .....  | 9  |
| 10 .....   | 8  |
| 12 .....   | 7  |
| 14 .....   | 6  |
| 16 .....   | 5  |
| 18 .....   | 4  |
| 20 .....   | 3  |
| 22 .....   | 2  |
| 24 .....   | 1  |
| 26 .....   | 0  |

**COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH**

PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

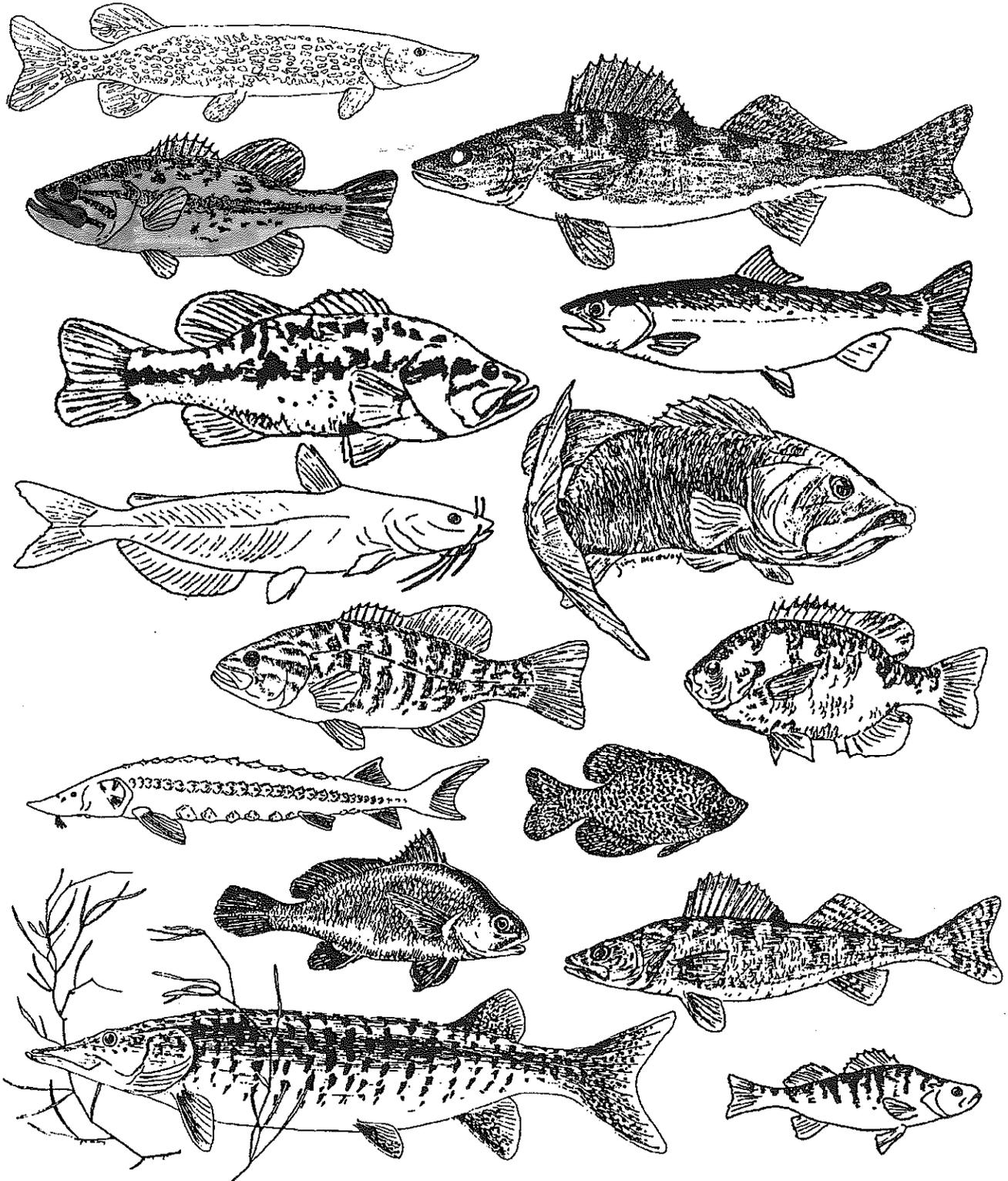
- Remove all skin.
- Cut away the dark fat on top of the fish along its backbone.
- Slice off fat belly meat along the bottom of the fish.
- Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings. Fish may also be cooked in liquids, but discard the resulting broth.



# Health Guide

April 1991

for people who eat sport fish from Wisconsin waters



# HEALTH GUIDE to Eating Wisconsin Sport Fish

April, 1991

## Important health information

This guide provides anglers and consumers with advice for eating Wisconsin sport fish which contain unhealthy levels of environmental contaminants. To protect your health, use this guide to choose which sizes and species of Wisconsin sport fish contain the lowest contaminant levels.

The guide covers fish in the Great Lakes and Mississippi River as well as fish caught from inland lakes and rivers.

Wisconsin's fish advisory is revised each April and October to provide consumers with up-to-date health information. The guide is produced as a public health service by the Wisconsin Department of Natural Resources (DNR) and the Department of Health and Social Services (H&SS). Wisconsin has issued a fish advisory since 1976.

## Fish sampling

DNR staff collect fish using nets or electroshocking devices. The fish are wrapped, labeled, frozen and shipped to an agency laboratory in Madison, where they are thawed and filleted. Fillets (with skin left on) are finely ground, placed in labeled jars, frozen and sent to a laboratory for contaminant analysis. H&SS establishes appropriate health advice after reviewing fish contaminant test results with DNR. The agencies then issue this advice to the public.

**Note:** Whole fish are **not** used as the basis for Wisconsin's sport fish consumption advisory, as some people mistakenly believe.

## Fish testing sites

Wisconsin's fish collection and testing program is frequently adjusted

to meet changing needs. New lakes and rivers are tested each year, along with some previously-tested waters to determine trends in contaminant levels.

Nearly 15,000 lakes are located within Wisconsin, which also features thousands of miles of rivers and streams as well as Lakes Michigan and Superior and the Mississippi River. Since it is too expensive for the state to test fish from every Wisconsin water, the state focuses its sampling program in:

- 🐟 waters where there is a known or suspected pollution source
- 🐟 lakes that may be susceptible to mercury contamination
- 🐟 popular angling waters
- 🐟 waters where long-term contaminant trends in fish are being observed.

Citizens are welcome to contact the DNR to find out whether fish from a particular water have been tested. Call or write the DNR Bureau of Water Resources Management, P.O. Box 7921, Madison, WI 53707, (608) 267-7610 or contact DNR district offices in Spooner, Rhinelander, Green Bay, Milwaukee, Fitchburg (Dane County) and Eau Claire.

## Contaminants found in fish

Wisconsin tests sport fish for the following contaminants (see box): PCBs (polychlorinated biphenyls), DDT, toxaphene, chlordane, dieldrin, mercury and dioxin. Health standards or action levels have been established for each of these substances. Wisconsin uses these standards as a basis for issuing health advice to the public and recommends ways to reduce exposure to contaminated sport fish.

Contaminant residues in sport fish vary in concentration depending on

fish species, size, age, fat content, diet, location and type of contaminant. For example, large, old lake trout in Lake Michigan are high in fat and contain relatively high PCB levels (PCBs accumulate in fat). In contrast, smaller, leaner, shorter-lived species such as perch contain very low or undetectable PCB levels.

Inland Wisconsin sport fish are much more likely to contain mercury than Great Lakes or Mississippi River sport fish, which are more likely to contain PCBs. Walleyes and other larger, older predator fish often contain relatively high mercury levels compared to smaller, younger fish of the same species and from the same lake or river.

Other known fish contaminants, such as toxaphene, dieldrin and DDT, are not as commonly found in Wisconsin sport fish as PCBs and mercury.

## Health risks

PCBs and mercury pose different health threats to humans.

## PCBs

High consumption of PCB-contaminated sport fish has been linked to developmental and growth problems in infants born to women who regularly ate contaminated fish.

PCBs also are suspected of posing a long-term risk of cancer to people who regularly eat fish that contain PCBs.

PCBs stay stored in body fat many years, and may not pose a health risk for years after exposure. Follow the advice in this Health Guide to minimize lifetime build-up of PCBs that might be present in sport fish, regardless of your age, sex or physical status.

## Mercury

Mercury, unlike PCBs, poses a short-term health risk to people who frequently eat fish that contain this contaminant. The human health effects of mercury are better known than for PCBs. Mercury affects the human nervous system, and thus can harm your ability to feel, see, taste and move.

Because the human body can eliminate mercury over time, occasional fish eaters face a lower health risk than people who frequently eat mercury-contaminated fish. Human fetuses and pregnant women, however, are more sensitive to mercury than other adults. Whatever your age or physical status, follow the fish advisory recommendations to protect yourself from mercury exposure.

## Contaminant trends

By testing the same species and size of fish at the same place over many years, scientists can observe trends in environmental contaminant levels. In some cases, the information can be used to pinpoint pollution sources so actions can be taken to control these problems.

One trend already is evident as a result of Wisconsin's fish monitoring program: PCB levels in Lake Michigan sport fish declined 80 percent during the 1980s.

## Environmental protection efforts underway

Wisconsin has regulations in place which limit the discharge of PCBs, mercury and other toxic substances into the air or water. Wisconsin also has rules to limit the air pollutants which produce acid rain. Acid rain in Wisconsin lakes may increase mercury uptake in sport fish. Improving air quality will help control this problem.

The state also is studying how to manage contaminated sediment to reduce the uptake of contaminants by sport fish. Clean-up efforts are being planned or are underway at many sites, particularly along the Great Lakes.

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## PCB FACTS

- Generally found in the Great Lakes, their tributaries and Mississippi River
- PCBs once used as fire retardants and in many other products
- PCB production banned in 1976 to protect public health, but PCBs still widely distributed in the environment
- Highest PCB levels in Wisconsin usually found in the largest salmon, lake trout and carp from Green Bay, Lake Michigan and tributaries
- PCBs build up in the fat of fish, birds, humans and other organisms
- Panfish (perch, etc.) usually contain low or undetectable PCB levels
- PCBs are a suspected animal carcinogen; research shows PCBs impair reproduction in some animals
- PCBs linked to developmental and growth problems in children born to women who regularly ate Great Lakes fish
- **AVOID EXPOSURE TO PCBs** by eating smaller, leaner fish; remove all traces of skin and fat before cooking (fat holds the PCBs). If you're pregnant, nursing an infant or under 15, avoid eating some fish (see guide for specific advice).

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## MERCURY FACTS

- Generally found in inland Wisconsin lakes and some rivers
- Emitted from coal-burning, paint and mixed-waste incineration, or discharged in pre-1970s industrial wastewater effluent. Acid rain may release mercury into lakewater and contaminate sport fisheries.
- Converted by bacteria dwelling in lake sediment into a chemical form readily absorbed by fish
- Highest levels found in large, old walleyes in lakes from all parts of the state; high levels found less frequently in larger northern pike and largemouth bass
- Panfish (bluegill, perch, rock bass, crappie) generally contain low or undetectable levels
- Mercury is stored in the fillet, or muscle, portion of a fish, not the fat; removing fat or skin from these fish will not lower mercury levels
- Mercury harms the human central nervous system; may affect body movement and senses of touch, taste and sight
- Health effects generally reversible if mild exposure halted; human body can eliminate half its mercury burden every 70 days
- **AVOID EXPOSURE TO MERCURY** by following advice in this Health Guide, especially if you are pregnant, under 15 or frequently eat sport fish that might contain mercury. Remember that in general, panfish contain lower mercury levels than large, predator fish.

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### U.S. Food & Drug Administration and Wisconsin Division of Health Standards for Contaminants Commonly Found in Sport Fish

|                |                           |                |                       |
|----------------|---------------------------|----------------|-----------------------|
| PCBs .....     | 2 parts per million (ppm) | Dieldrin ..... | 0.3 ppm               |
| DDT .....      | 5 ppm                     | Mercury .....  | 0.5 ppm               |
| Toxaphene ...  | 5 ppm                     | Dioxin .....   | 10 parts per trillion |
| Chlordane .... | 0.3 ppm                   |                |                       |

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources April 1991

## Health guide for people who eat sport fish from Wisconsin waters

This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticide (pages 4 - 7), and another for fish contaminated with mercury (pages 8 through 15). Generally, people who should take the most precautions are children aged 15 or less and women who intend to have children.

| <b>PCB and pesticide contamination in fish</b>  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.                                   | <b>Group 3</b><br>No one should eat these fish.   |
|---|---|---|---|
| See page 7 for specific health advice on each group of fish.  |   |   |   |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23"<br>Chinook salmon over 32"<br>Brown trout over 23"<br>Carp<br>Catfish   |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Walleye up to 20"<br>Perch<br>Brown trout up to 12"<br>Bullhead<br>White sucker | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20"<br>White bass |
| <b>PESHTIGO RIVER</b> from its mouth at Green Bay up to the Peshtigo Dam  |   |   | Sturgeon  |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   | Walleye up to 15"   | Northern pike<br>White sucker<br>Walleye 15 to 18"  | White bass*<br>Walleye over 18"<br>Carp*<br>Drum*<br>Channel Catfish*   |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | Walleye up to 15"<br>White bass<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"   |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam<br><b>NOTE:</b> Follow Lake Michigan advisory above for trout and salmon.  | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Catfish*  |
| <b>MANITOWOC RIVER</b> from its mouth up to the first dam   |   |   | Catfish*  |
| <b>NOTE:</b> Follow Lake Michigan advisory above for trout and salmon.  |   |   |   |

| <b>PCB and pesticide<br/>contamination in fish</b>   | <b>Group 1</b><br>These fish pose the lowest<br>health risk. | <b>Group 2</b><br>Women and children<br>should not eat these fish.               | <b>Group 3</b><br>No one should eat these<br>fish.  |
|--|--|--|---|
| See page 7 for specific health advice on each group of fish.   |  |  |   |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creek</b>   | Coho salmon up to 26"<br>Chinook salmon up to 21"            | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32" | Bluegill<br>Crappie<br>Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35** |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b><br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon. | Perch  |  | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass<br>White Sucker  |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)   | Rock bass up to 8.5"   | Redhorse   | Northern pike<br>Carp   |
| <b>CEDAR CREEK</b> from the Milwaukee River up to bridge Road in the Village of Cedarburg  |  |  | All species*  |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine<br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  | Carp up to 21"   |  | Carp over 21**  |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha<br>NOTE: Follow Lake Michigan Advisory on previous page for trout and salmon.   |  | Carp   |   |
| <b>LAKE SUPERIOR</b><br>NOTE: Also see advice for mercury-contaminated walleye in the St. Louis River, Douglas County, page 5.   | Lake trout up to 30"<br>Siscowett under 20"                  |  | Lake trout over 30"<br>Siscowett over 20"   |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |  |  | Carp  |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake   | Northern pike  | Crappies<br>Bullheads  | Largemouth bass<br>Carp   |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp                                 |  | Lake trout over 32"   |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)   |  |  | Carp<br>White bass  |

| <b>PCB and pesticide contamination in fish</b>  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.            | <b>Group 3</b><br>No one should eat these fish.   |
|---|---|--|---|
| See page 7 for specific health advice on each group of fish.  |   |  |   |
| <b>WISCONSIN RIVER</b> from the Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  |   |  | Carp  |
| <b>WISCONSIN RIVER</b> at Wisconsin Dells to the Prairie du Sac Dam (includes Lake Wisconsin)   |   | Lake sturgeon  |   |
| See advice on mercury-contaminated fish in the Wisconsin River on pages 8 through 14 under Adams, Juneau, Lincoln, Sauk, and Wood Counties. |   |  |   |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin  | Drum<br>White bass<br>Carp up to 26"<br>Walleye<br>Flathead catfish up to 26"<br>Sauger<br>Buffalo up to 23"<br>NOTE: Also see additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties, pages 10 through 13. |  | Channel catfish<br>Buffalo over 23"<br>Carp over 26"<br>Flathead catfish over 26"   |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4).                      | Drum<br>Walleye<br>Sauger<br>White bass up to 13"<br>Flathead catfish up to 30"<br>Buffalo up to 18" (Pool 3)<br>Buffalo up to 20" (Pool 4)<br>Channel catfish up to 16" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Carp up to 21"                                       | Channel catfish 16" to 23" (Pool 3)<br>Channel catfish 21" to 23" (Pool 4) | White bass over 13"<br>Buffalo over 18" (Pool 3)<br>Buffalo over 20" (Pool 4)<br>Flathead catfish over 30"<br>Channel catfish over 23"<br>Carp over 21" |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)  | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"<br>Buffalo<br>Drum<br>Walleye<br>Sauger<br>White bass   | Carp over 24"<br>Channel catfish 21 to 25"                                 | Channel catfish over 25"  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Lynxville (Pools 7, 8 and 9)                                       | Buffalo<br>Walleye<br>Crappie<br>Flathead catfish<br>Channel catfish up to 24"<br>Drum<br>White bass<br>Carp  | Channel catfish over 24"   |   |

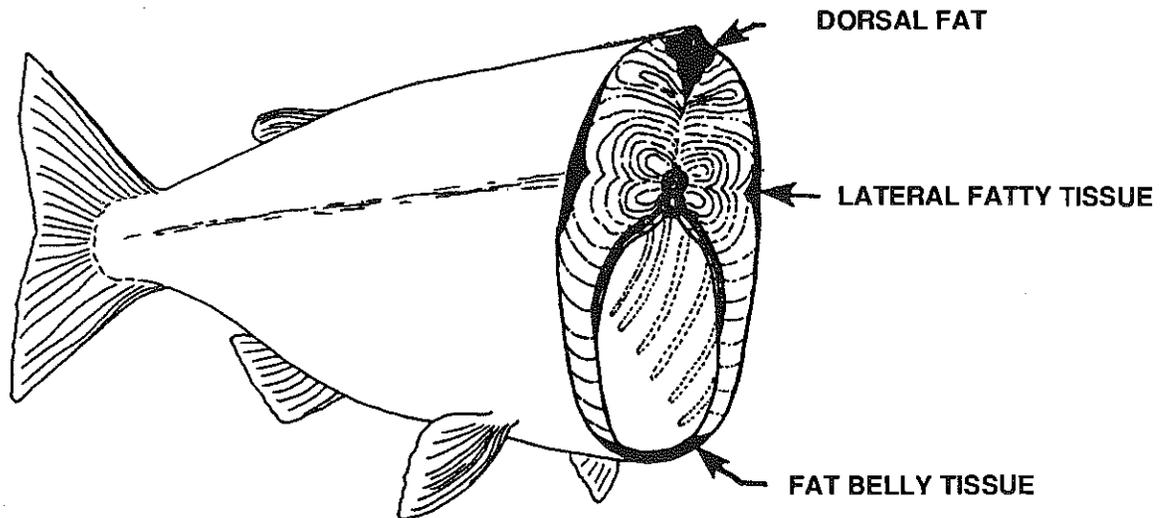
## HEALTH ADVICE for the charts on pages 4 - 6

**GROUP 1:** Contaminant levels in 10 percent or less of tested Group 1 fish are higher than one or more health standards. **EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.** Trim fat and skin from Group 1 fish before cooking and eating them.

**GROUP 2:** Contaminant levels in more than 10 percent but less than 50 percent of tested Group 2 fish are higher than one or more health standards. **CHILDREN UNDER 15, AND WOMEN OF CHILDBEARING AGE SHOULD NOT EAT GROUP 2 FISH.** You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Peterwell Flowage and Lake Superior elsewhere in this publication.)

**GROUP 3:** Contaminant levels in 50 percent or more of tested Group 3 fish are higher than one or more health standards. **NO ONE SHOULD EAT GROUP 3 FISH.**

\*Ninety percent or more of Group 3 fish marked with an asterisk (\*) contain contaminant levels higher than one or more health standards.



## COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH

PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

- ☛ Remove all skin.
- ☛ Cut away the dark fat on top of the fish along its backbone.
- ☛ Slice off fat belly meat along the bottom of the fish.
- ☛ Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- ☛ Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings.
- ☛ Fish may also be cooked in liquids, but discard the resulting broth.

# Mercury contamination in fish

## HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake is on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol “•” — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

## HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

**GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. Everyone else may eat unlimited amounts of Group 1 fish. Skin-on fillet samples average 0.5 ppm mercury or less.

**GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 2 fish. Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month. Skin-on fillet samples average 0.5 to 0.75 ppm mercury.

**GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 3 fish. Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month. Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.

**GROUP 4:** NO ONE SHOULD EAT GROUP 4 FISH. Skin-on fillet samples contain an average mercury level above 1.0 ppm.

- This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | 4     | •   |
| <b>ADAMS COUNTY 01</b>   |              |                    |       |       |       |       |       |       |     |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage) See Juneau, Lincoln, Sauk, and Wood Counties also. | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Juneau, Lincoln Sauk, and Wood Counties also.         | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>ASHLAND CO. 02</b>  |              |                    |       |       |       |       |       |       |     |
| Bear Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Day Lake   | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 2   |
| Mineral Lake   | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •   |
|  | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Lake Three   | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| Spillerberg Lake   | Y Perch      | 2                  | •     | •     | •     | •     | •     | •     | •   |
|  | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 3   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in October 1990. LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch, BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker

| County/Water  | Fish Species     | Length (in inches) |       |       |       |       |       |       |         |
|---|------------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|   |                  | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>BARRON CO. 03</b>  |                  |                    |       |       |       |       |       |       |         |
| Bass Lake T33 R10W S34  | N Pike           | •                  | •     | •     | •     | •     | 2     | 2     | •       |
| Bear Lake   | Walleye          | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Beaver Dam Lake   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Loon Lake   | Walleye          | •                  | •     | •     | 3     | 3     | •     | •     | •       |
| North Lake  | LM Bass          | •                  | •     | 2     | 2     | •     | •     | •     | •       |
| Red Cedar Lake  | Walleye          | 1                  | 1     | 1     | 2     | 2     | •     | •     | •       |
| Scott Lake T35 R14W S16   | Walleye          | •                  | •     | •     | •     | 3     | 3     | •     | •       |
| Silver Lake   | Walleye          | •                  | •     | •     | •     | •     | 3     | •     | •       |
| Spring Lake   | Walleye          | •                  | •     | •     | 2     | 3     | •     | •     | •       |
| <b>BAYFIELD CO. 04</b>  |                  |                    |       |       |       |       |       |       |         |
| Cisco Lake  | Walleye          | •                  | •     | •     | •     | 3     | •     | •     | •       |
| Long Lake T47 R8W S2  | Y Perch          | 1                  | 1     | 2     | •     | •     | •     | •     | •       |
|   | Walleye          | •                  | •     | •     | •     | 3     | •     | •     | •       |
|   | LM Bass          | •                  | •     | 2     | •     | •     | •     | •     | •       |
| Long Lake T48 R5W S6  | LM Bass          | •                  | 2     | 3     | 4     | •     | •     | •     | •       |
|   | Y Perch          | 1                  | 2     | •     | •     | •     | •     | •     | •       |
| Namekagon Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Owen Lake   | Walleye          | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •       |
| Perch Lake T45 R7W S5   | LM Bass          | 1                  | 1     | 2     | 2     | •     | •     | •     | •       |
| Siskiwit Lake   | Walleye          | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •       |
| Tahkodah Lake   | N Pike           | •                  | •     | •     | •     | 2     | 2     | 2     | •       |
|   | Lm Bass          | •                  | •     | 3     | 3     | 4     | •     | •     | •       |
|   | Sm Bass          | •                  | •     | 3     | •     | •     | •     | •     | •       |
|   | Walleye          | •                  | •     | •     | 4     | 4     | 4     | •     | •       |
| West Twin Lake  | LM Bass          | •                  | •     | 2     | •     | •     | •     | •     | •       |
|   | N Pike           | •                  | •     | •     | •     | •     | 3     | •     | •       |
| Pike Chain of Lakes<br>(Includes Buskey Bay, Millicent, Hart,<br>Twin, Bear, and Eagle Lakes)                 | Walleye          | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •       |
| <b>BURNETT CO. 07</b>   |                  |                    |       |       |       |       |       |       |         |
| Johnson Lake T40 R16W S23   | LM Bass          | 1                  | 1     | 2     | 3     | 4     | •     | •     | •       |
|   | N Pike           | •                  | •     | •     | •     | 3     | 3     | •     | •       |
| North Sand Lake   | Walleye          | •                  | •     | •     | •     | •     | 2     | 3     | •       |
| Round Lake T37 R18W S27   | Walleye          | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Yellow Lake   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| <b>CHIPPEWA CO. 09</b>  |                  |                    |       |       |       |       |       |       |         |
| <i>Chippewa River, from the Chippewa Falls dam downstream to the county line. See Eau Claire County also.</i> | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •       |
| Chippewa River, Chippewa Falls Flowage  | Sm Bass          | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|   | Walleye          | 1                  | 1     | 1     | 2     | 2     | •     | •     | •       |
| Chippewa River, Cornell Flowage   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Chippewa River, Holcombe Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Chippewa River, Lake Wissota  | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •       |
|   | N Pike           | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
|   | Flathead Catfish | •                  | •     | •     | •     | •     | 2     | 2     | 4       |
|   | Sturgeon         | •                  | •     | •     | •     | •     | •     | •     | 2(>50") |
| Chippewa River, Old Abe Flowage   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Hemlock Lake  | N Pike           | •                  | •     | •     | •     | •     | 2     | 2     | •       |
| Horseshoe Lake T32 R8W S33  | Walleye          | •                  | •     | •     | •     | 4     | 4     | •     | •       |
| Howe Lake   | LM Bass          | 1                  | 1     | 1     | 3     | •     | •     | •     | •       |
| N. Shattuck Lake  | LM Bass          | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|   | N Pike           | •                  | •     | •     | •     | •     | 2     | 2     | 3       |
| Pine Lake   | N Pike           | •                  | •     | •     | •     | 2     | 2     | 3     | •       |
| Riley Lake  | Walleye          | •                  | •     | •     | •     | •     | 2     | 2     | •       |
| Round Lake T32 R9W S14  | Walleye          | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •       |
| Two Island Lake   | LM Bass          | •                  | •     | •     | 3     | •     | •     | •     | •       |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>CLARK CO. 10</b>   |              |                    |       |       |       |       |       |       |     |
| Black River from Hwy. 29/73 bridge south to Lake Arbutus. See Jackson Co. also. | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | 4     | •   |
|   | N. Pike      | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4   |
| Mead Lake   | Walleye      | •                  | •     | •     | •     | 2     | 3     | 4     | •   |
| <b>CRAWFORD CO. 12</b>  |              |                    |       |       |       |       |       |       |     |
| Kickapoo River near Steuben   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •   |
|   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •   |
| <b>DANE CO. 13</b>  |              |                    |       |       |       |       |       |       |     |
| Lake Monona   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | •   |
| Lake Waubesa  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •   |
| <b>DOUGLAS CO. 16</b>   |              |                    |       |       |       |       |       |       |     |
| Amnicon Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |
| Bond Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Dowling Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Lyman Lake  | Walleye      | •                  | •     | 3     | 3     | 4     | 4     | •     | •   |
| Minnesuing Lake   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
|   | Walleye      | 1                  | 1     | 1     | 3     | 3     | 3     | •     | •   |
|   | N Pike       | •                  | •     | •     | •     | 2     | •     | •     | •   |
| Minong Flowage - (See Washburn County Listing)                                  |              |                    |       |       |       |       |       |       |     |
| Nebagamon Lake  | Walleye      | •                  | •     | •     | 2     | 3     | •     | •     | •   |
| Red Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| St. Croix Flowage   | BL Crappie   | 1                  | 1     | 2     | •     | •     | •     | •     | •   |
|   | LM Bass      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| St. Louis River including Superior Harbor                                       | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | •   |
| Upper St. Croix Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | •     | •   |
|   | N. Pike      | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •   |
| <b>DUNN CO. 17</b>  |              |                    |       |       |       |       |       |       |     |
| Tainter Lake and Red Cedar River above Tainter Lake in Dunn Co.                 | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | 4     | •   |
| Red Cedar River above Hwy 64  | Sm Bass      | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |
| <b>EAU CLAIRE CO. 18</b>  |              |                    |       |       |       |       |       |       |     |
| Chippewa River above Dolls Dam  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| <b>FLORENCE CO. 19</b>  |              |                    |       |       |       |       |       |       |     |
| Brule River at Paint River Pond   | Walleye      | 1                  | 1     | 2     | 3     | 4     | 4     | •     | •   |
| Emily Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| Sand Lake T38 R18E S21  | Walleye      | •                  | •     | •     | 3     | 4     | 4     | •     | •   |
| Sealion Lake  | Walleye      | •                  | •     | •     | •     | 3     | 3     | 3     | •   |
| <b>FOND DU LAC CO. 20</b>   |              |                    |       |       |       |       |       |       |     |
| Forest Lake   | LM Bass      | 1                  | 1     | 2     | •     | •     | •     | •     | •   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| Long Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Mauthe Lake   | Y Perch      | 2                  | 2     | •     | •     | •     | •     | •     | •   |
|   | Walleye      | •                  | •     | •     | •     | 3     | •     | •     | •   |
| <b>FOREST CO. 21</b>  |              |                    |       |       |       |       |       |       |     |
| Arbutus Lake  | Walleye      | •                  | •     | •     | •     | 3     | 3     | •     | •   |
| Deep Hole Lake  | Walleye      | •                  | •     | •     | 3     | 4     | 4     | •     | •   |
| Julia Lake  | Walleye      | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |
| Little Sand Lake  | LM Bass      | •                  | 2     | 3     | •     | •     | •     | •     | •   |
|   | N. Pike      | •                  | •     | •     | •     | •     | 3     | 3     | 4   |
|   | Walleye      | •                  | •     | •     | •     | •     | 4     | 4     | •   |
| Pine Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Van Zile Lake   | N Pike       | •                  | •     | •     | •     | •     | 4     | 4     | •   |
|   | LM Bass      | 2                  | 3     | 4     | 4     | •     | •     | •     | •   |

| County/Water   | Fish Species | Length (In inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>IRON CO. 26</b>   |              |                    |       |       |       |       |       |       |     |
| Bearskull Lake   | Walleye      | 1                  | 1     | 2     | 3     | 4     | .     | .     | .   |
| Cedar Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | .     | .   |
| Gile Flowage   | Walleye      | 1                  | 1     | 1     | 3     | 4     | .     | .     | .   |
| Island Lake T44 R1E S25  | Walleye      | 1                  | 1     | 1     | 3     | 4     | .     | .     | .   |
| North Bass Lake  | LM Bass      | 2                  | 2     | 3     | 4     | .     | .     | .     | .   |
|  | → Rock Bass  | 3                  | .     | .     | .     | .     | .     | .     | .   |
| Pine Lake  | Walleye      | .                  | .     | .     | 2     | .     | .     | .     | .   |
| Owl Lake   | Walleye      | .                  | 2     | 3     | 4     | 4     | 4     | .     | .   |
| Six Lake   | → Rock Bass  | 2                  | .     | .     | .     | .     | .     | .     | .   |
|  | Y Perch      | 3                  | 3     | .     | .     | .     | .     | .     | .   |
| Turtle-Flambeau Flowage<br>(including Trude Lake)  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | .     | .   |
| <b>JACKSON CO. 27</b>  |              |                    |       |       |       |       |       |       |     |
| Black River  | Walleye      | 1                  | 1     | 2     | 3     | 3     | .     | .     | .   |
|  | Musky        | .                  | .     | .     | .     | .     | .     | .     | 4   |
| Lake Arbutus and backwaters  | → CH Catfish | .                  | .     | .     | .     | .     | .     | 4     | 4   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | 2   |
|  | SM Bass      | 1                  | 2     | 2     | 3     | 4     | .     | .     | .   |
|  | Walleye      | .                  | .     | .     | 2     | 3     | 4     | .     | .   |
|  | BL Crappie   | 1                  | 2     | .     | .     | .     | .     | .     | .   |
| Potter's Flowage   | LM Bass      | .                  | .     | 2     | 2     | 4     | .     | .     | .   |
|  | → Musky      | .                  | .     | .     | .     | .     | .     | .     | 3   |
| Robert's Flowage   | LM Bass      | 1                  | 1     | 2     | 2     | 4     | .     | .     | .   |
|  | BL Crappie   | 2                  | .     | .     | .     | .     | .     | .     | .   |
| Upper Harkner Flowage  | BL Crappie   | 2                  | 3     | .     | .     | .     | .     | .     | .   |
|  | Y Perch      | 1                  | 2     | 2     | .     | .     | .     | .     | .   |
| <b>JUNEAU 29</b>   |              |                    |       |       |       |       |       |       |     |
| Lemonweir River at New Lisbon Flowage  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | .     | .   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Adams, Lincoln, Juneau, and Sauk Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| <b>JEFFERSON CO. 28</b>  |              |                    |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |
| <b>LANGLADE CO. 34</b>   |              |                    |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | .                  | .     | .     | .     | .     | 3     | .     | .   |
| Deep Wood Lake   | LM Bass      | .                  | 2     | 2     | 3     | .     | .     | .     | .   |
|  | N Pike       | .                  | .     | .     | .     | 3     | 3     | .     | .   |
| Greater Bass Lake  | LM Bass      | 2                  | 3     | 4     | 4     | 4     | .     | .     | .   |
| Lower Bass Lake  | LM Bass      | 1                  | 2     | 3     | 4     | .     | .     | .     | .   |
| Summit Lake  | LM Bass      | .                  | 2     | 2     | .     | .     | .     | .     | .   |
| <b>LINCOLN CO. 35</b>  |              |                    |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
|  | N Pike       | .                  | .     | .     | .     | 3     | 3     | .     | .   |
| Seven Island Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Somo Lake  | Walleye      | .                  | .     | .     | 3     | 4     | .     | .     | .   |
|  | N Pike       | .                  | .     | .     | .     | 2     | 2     | .     | .   |
| Spirit River Flowage   | BL Crappie   | 1                  | 2     | .     | .     | .     | .     | .     | .   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Wisconsin River at Lake Alice. See Adams, Juneau, Sauk, and Wood Counties also.  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| <b>MANITOWOC CO. 36</b>  |              |                    |       |       |       |       |       |       |     |
| Bullhead Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>MARATHON CO. 37</b>  |              |                    |       |       |       |       |       |       |     |
| Big Eau Pleine Reservoir  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| Mayflower Lake  | Walleye      | .                  | .     | .     | 2     | 2     | 2     | .     | .   |
| <b>MARINETTE CO. 38</b>   |              |                    |       |       |       |       |       |       |     |
| Lake Noquebay   | Walleye      | 1                  | 1     | 1     | 2     | 4     | 4     | .     | .   |
| Menominee River from Pier's Gorge through Sturgeon Falls Flowage            | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Menominee River at Lower Scott Flowage                                      | Rock Bass    | 3                  | .     | .     | .     | .     | .     | .     | .   |
|   | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Peshtigo River at Peshtigo Flowage  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
| <b>MARQUETTE CO. 39</b>   |              |                    |       |       |       |       |       |       |     |
| Buffalo Lake  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | 2     | 4   |
| <b>ONEIDA CO. 44</b>  |              |                    |       |       |       |       |       |       |     |
| Bass Lake T39 R8E S31   | N Pike       | .                  | .     | .     | 1     | 2     | 3     | 3     | .   |
| Big Carr Lake   | Walleye      | .                  | .     | 2     | 2     | 3     | .     | .     | .   |
| Bird Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .   |
|   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Currie Lake   | Walleye      | .                  | .     | 2     | 2     | 4     | .     | .     | .   |
|   | LM Bass      | .                  | .     | 2     | 2     | .     | .     | .     | .   |
| Foster Lake   | LM Bass      | 1                  | 1     | 3     | 4     | .     | .     | .     | .   |
| Franklin Lake   | LM Bass      | 1                  | 1     | 2     | 2     | .     | .     | .     | .   |
|   | SM Bass      | 1                  | 2     | 2     | 3     | .     | .     | .     | .   |
|   | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .   |
| Hemlock Lake  | Walleye      | 1                  | 1     | 1     | 4     | 4     | .     | .     | .   |
| Hodstradt Lake  | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .   |
| Lake Julia  | Walleye      | .                  | .     | .     | 2     | 2     | 3     | .     | .   |
| Long Lake T37 R7E S10   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | 4     | .   |
| Long Lake T39 R11E S8   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |
| McGrath Lake  | LM Bass      | .                  | 2     | 3     | 3     | .     | .     | .     | .   |
|   | Bluegill     | 2                  | .     | .     | .     | .     | .     | .     | .   |
|   | Y Perch      | 2                  | .     | .     | .     | .     | .     | .     | .   |
| Medicine Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .   |
| Moens Lake  | Walleye      | .                  | .     | 3     | 4     | 4     | 4     | .     | .   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 4     | .     | .   |
| Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
| North Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | .     | .   |
| North Two Lake  | Walleye      | .                  | .     | .     | .     | 2     | .     | .     | .   |
| Pickeral Lake T39 R8E S7  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Rainbow Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | .   |
| Sugar Camp Chain of Lakes (includes Chain, Echo, Dam, Sand and Stone Lakes) | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | .     | .   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | 2   |
| Sugar Camp Lake   | SM Bass      | .                  | .     | 3     | 4     | 4     | .     | .     | .   |
|   | Walleye      | .                  | .     | .     | 4     | 4     | 4     | .     | .   |
|   | N Pike       | .                  | .     | .     | .     | .     | 3     | 3     | 4   |
| Thompson Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| Tomahawk Lake   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .   |
| Upper Kaubashine Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Willow Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
|   | Walleye      | 1                  | 1     | 1     | 2     | 4     | .     | .     | .   |
| <b>PIERCE CO. 48</b>  |              |                    |       |       |       |       |       |       |     |
| St. Croix River   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
| <b>POLK CO. 49</b>  |              |                    |       |       |       |       |       |       |     |
| Pipe Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | .     | .     | .   |
| St. Croix River above St. Croix Falls dam                                   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| St. Croix River below St. Croix Falls dam downstream to Mississippi R.      | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
|   | White Bass   | .                  | .     | 2     | .     | .     | .     | .     | .   |
| Ward Lake   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |         |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>PRICE CO. 51</b>  |              |                    |       |       |       |       |       |       |         |
| Bass Lake T40 R2W S15  | Walleye      | •                  | •     | 3     | 4     | 4     | •     | •     | •       |
| Butternut Lake   | Walleye      | •                  | •     | 2     | 2     | 3     | •     | •     | •       |
| Crowley Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|  | Sm Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •       |
| Elk Lake   | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 3       |
| Lower Park Falls Flowage   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Long Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Musser Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •       |
|  | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 3       |
|  | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
| Newman Lake  | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
| North Fork Flambeau River and Flowages   | → Musky      | •                  | •     | •     | •     | •     | •     | •     | (>32")3 |
| Pike Lake Chain (includes Amik, Pike, Round and Turner Lakes)  | → Walleye    | 1                  | 1     | 2     | 2     | 3     | •     | •     | •       |
|  | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •       |
| Pixley Flowage   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
|  | SM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
|  | Walleye      | 1                  | 1     | 2     | 3     | 3     | 4     | 4     | •       |
| Solberg Lake   | Walleye      | •                  | •     | •     | •     | •     | •     | •     | •       |
| Wilson Flowage   | N Pike       | •                  | •     | •     | •     | •     | •     | 2     | •       |
| <b>ROCK CO. 54</b>   |              |                    |       |       |       |       |       |       |         |
| Clear Lake   | LM Bass      | 1                  | 1     | 2     | •     | •     | •     | •     | •       |
| <b>RUSK CO. 55</b>   |              |                    |       |       |       |       |       |       |         |
| Dairyland Reservoir  | Walleye      | •                  | •     | 2     | 3     | 3     | •     | •     | •       |
| Fish Lake  | LM Bass      | •                  | 1     | 2     | 3     | 3     | •     | •     | •       |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Perch Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •       |
| <b>SAUK CO. 57</b>   |              |                    |       |       |       |       |       |       |         |
| Devil's Lake   | Walleye      | •                  | 2     | 2     | 2     | 2     | 2     | 3     | •       |
| Wisconsin River below the Wisconsin Dells dam to Hwy 78 bridge (See Adams, Juneau, Lincoln and Wood Counties also) | Walleye      | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|  | SM Bass      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •       |
|  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| <b>ST. CROIX CO. 56</b>  |              |                    |       |       |       |       |       |       |         |
| Bass Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| St. Croix River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
| <b>SAWYER CO. 58</b>   |              |                    |       |       |       |       |       |       |         |
| Black Lake   | LM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •       |
|  | BL Crappie   | 1                  | 3     | 4     | •     | •     | •     | •     | •       |
|  | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 4       |
| Calahan-Mud Lake   | → Musky      | •                  | •     | •     | •     | •     | •     | •     | 4       |
| Fishtrap Lake  | LM Bass      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •       |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Ghost Lake   | Walleye      | •                  | •     | •     | •     | 4     | •     | •     | •       |
| Lake Loretta   | LM Bass      | 1                  | 1     | 2     | 3     | 4     | •     | •     | •       |
| Moose Lake   | Walleye      | 1                  | 1     | 2     | 3     | 3     | 3     | •     | •       |
| Two Axe Lake   | LM Bass      | •                  | •     | 2     | 2     | •     | •     | •     | •       |
| Windigo Lake   | N Pike       | •                  | •     | •     | •     | 2     | 2     | 3     | •       |
|  | Walleye      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •       |
| Winter Lake  | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •       |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2       |
| <b>SHAWANO CO. 59</b>  |              |                    |       |       |       |       |       |       |         |
| Cloverleaf Chain of Lakes (includes Pine, Grass and Round Lakes) T26N R15E S33 & 34                                | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Shawano Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Wolf River below Shawano Dam down to State Highway 156   | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •       |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>SHEBOYGAN CO. 60</b>  |              |                    |       |       |       |       |       |       |     |
| Crystal Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 2     | •     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| <b>TAYLOR CO. 61</b>   |              |                    |       |       |       |       |       |       |     |
| Black River below Medford in Taylor County   | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |
| Chequamegon Waters   | LM Bass      | 1                  | 1     | 1     | 4     | •     | •     | •     | •   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 1     | 2   |
| Diamond Lake   | Walleye      | •                  | •     | •     | 2     | 2     | 2     | •     | •   |
| Richter Lake   | LM Bass      | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |
| Sackett Lake   | LM Bass      | •                  | •     | 2     | 3     | •     | •     | •     | •   |
|  | Walleye      | •                  | •     | •     | 3     | 4     | •     | •     | •   |
| South Harper Lake  | Walleye      | •                  | •     | 2     | 2     | 3     | 4     | •     | •   |
| <b>TREMPEALEAU CO. 62</b>  |              |                    |       |       |       |       |       |       |     |
| Marinuka Lake  | LM Bass      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| Black River  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | 3     | •   |
| <b>VILAS CO. 64</b>  |              |                    |       |       |       |       |       |       |     |
| Ballard Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •   |
| Birch Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | •     | •   |
| Boulder Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Camp Lake  | LM Bass      | 1                  | 1     | 2     | 4     | •     | •     | •     | •   |
| Dead Pike Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| Eagle Lake T40 R10E S22  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | •     | •   |
| Forest Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Irving Lake  | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •   |
| Jag Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •   |
|  | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
| Long Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| North Turtle Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| North Twin Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Oswego Lake  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
| Pioneer Lake   | Walleye      | 1                  | 1     | 2     | 2     | 3     | 3     | •     | •   |
| Shannon Lake   | LM Bass      | 1                  | 1     | 2     | 4     | 4     | •     | •     | •   |
| Trout Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | 4     | 4   |
| Upper Buckatabon   | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| White Birch Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •   |
| <b>WASHBURN CO. 66</b>   |              |                    |       |       |       |       |       |       |     |
| Harmon Lake  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | •   |
| Minong Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Shell Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Silver Lake  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| <b>WASHINGTON CO. 67</b>   |              |                    |       |       |       |       |       |       |     |
| Pike Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 3     | •     | •   |
| <b>WAUPACA CO. 69</b>  |              |                    |       |       |       |       |       |       |     |
| Columbia Lake  | LM Bass      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>WAUSHARA CO. 70</b>   |              |                    |       |       |       |       |       |       |     |
| Big Hills Lake   | Walleye      | •                  | •     | •     | •     | 2     | •     | •     | •   |
| Kusel Lake   | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| <b>WINNEBAGO CO. 71</b>  |              |                    |       |       |       |       |       |       |     |
| Lake Winneconne on the Wolf River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| <b>WOOD CO. 72</b>   |              |                    |       |       |       |       |       |       |     |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |

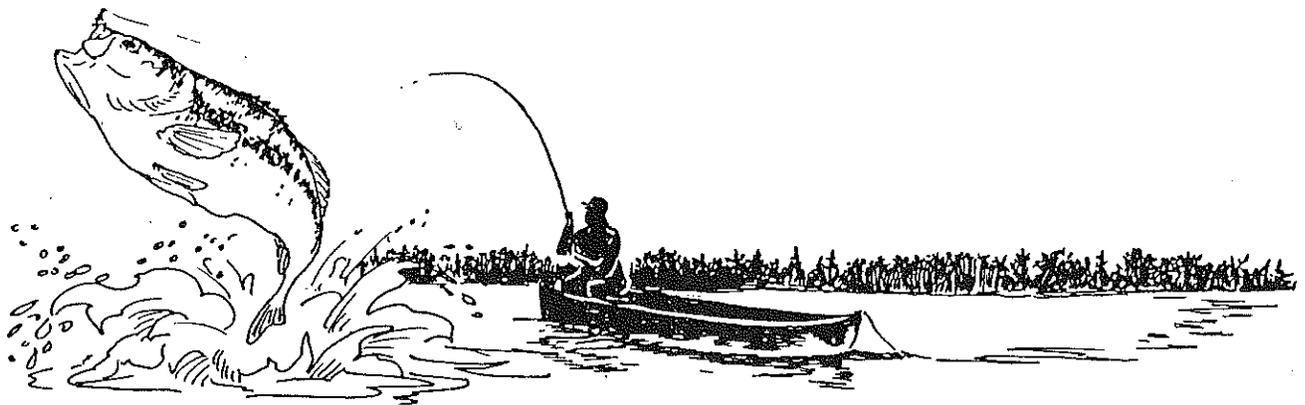
## COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. You **cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.**

NOTE: If you catch fish from both Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

| Monthly Consumption                                     |  |
|---|--|
| If you eat this many Group 2 fish meals in one month... | eat no more than this many Group 3 fish meals that same month: |
| 0 .....   | 7  |
| 2 .....   | 6  |
| 4 .....   | 5  |
| 6 .....   | 4  |
| 8 .....   | 3  |
| 10 .....  | 2  |
| 12 .....  | 1  |
| 13 .....  | 0  |

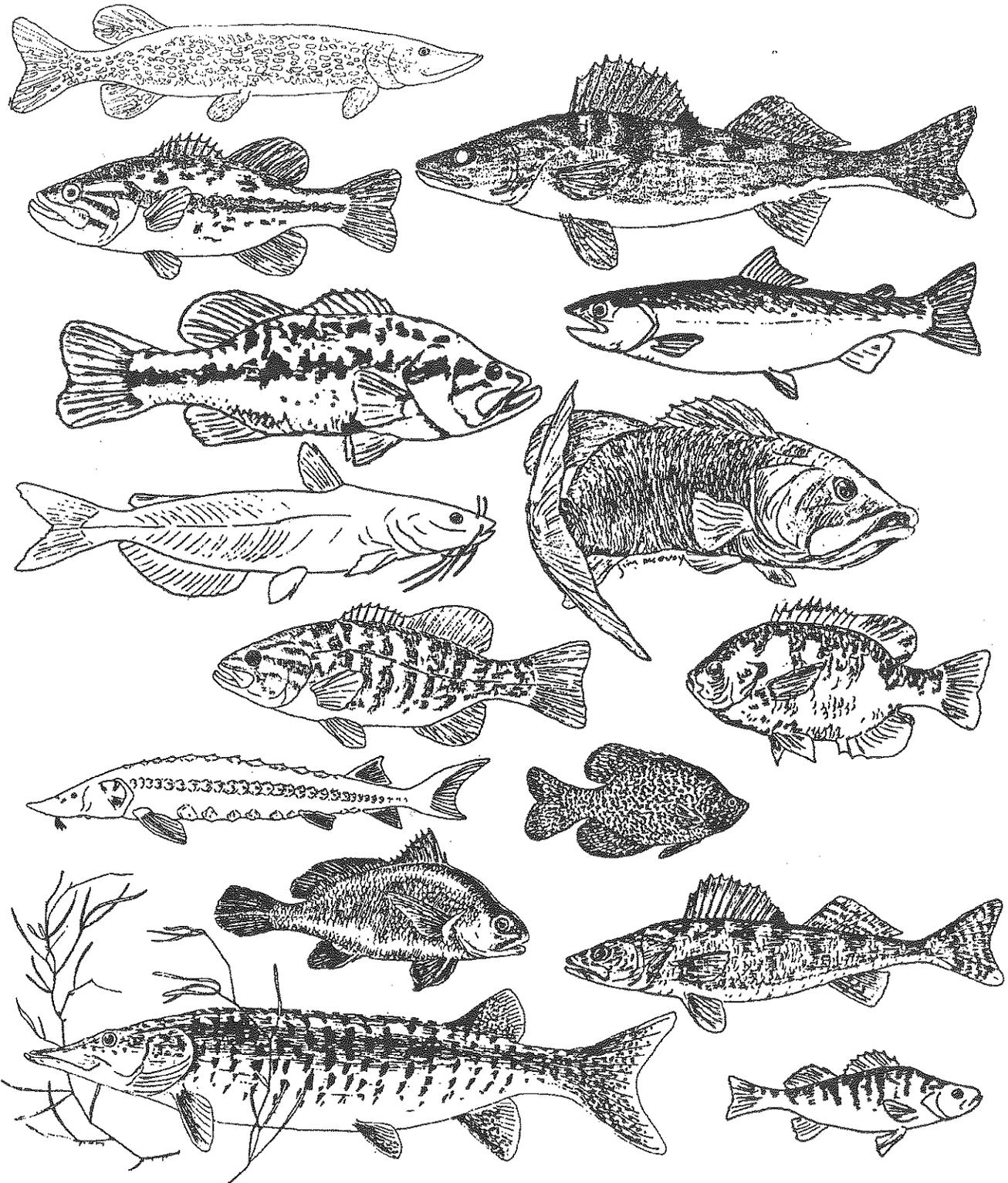
| Annual Consumption  |   |
|---|---|
| If you eat this many... Group 2 fish meals in one year... | eat no more than this many Group 3 fish meals that same year: |
| 0 .....   | 13  |
| 2 .....   | 12  |
| 4 .....   | 11  |
| 6 .....   | 10  |
| 8 .....   | 9   |
| 10 .....  | 8   |
| 12 .....  | 7   |
| 14 .....  | 6   |
| 16 .....  | 5   |
| 18 .....  | 4   |
| 20 .....  | 3   |
| 22 .....  | 2   |
| 24 .....  | 1   |
| 26 .....  | 0   |



# Health Guide

April 1992

for people who eat sport fish from Wisconsin waters



# HEALTH GUIDE to Eating Wisconsin Sport Fish

April 1992

## Important health information

This guide provides anglers and consumers with advice for eating Wisconsin sport fish which contain unhealthy levels of environmental contaminants. To protect your health, use this guide to choose which sizes and species of Wisconsin sport fish contain the lowest contaminant levels.

The guide covers fish in the Great Lakes and Mississippi River as well as fish caught from inland lakes and rivers.

Wisconsin's fish advisory is revised each April and October to provide consumers with up-to-date health information. The guide is produced as a public health service by the Wisconsin Department of Natural Resources (DNR) and the Department of Health and Social Services (H&SS). Wisconsin has issued a fish advisory since 1976.

## Fish sampling

DNR staff collect fish using nets or electroshocking devices. The fish are wrapped, labeled, frozen and shipped to an agency laboratory in Madison, where they are thawed and filleted. Fillets (with skin left on) are finely ground, placed in labeled jars, frozen and sent to a laboratory for contaminant analysis. H&SS establishes appropriate health advice after reviewing fish contaminant test results with DNR. The agencies then issue this advice to the public.

**Note:** Whole fish are **not** used as the basis for Wisconsin's sport fish consumption advisory, as some people mistakenly believe.

## Fish testing sites

Wisconsin's fish collection and testing program is frequently adjusted

to meet changing needs. New lakes and rivers are tested each year, along with some previously-tested waters to determine trends in contaminant levels.

Nearly 15,000 lakes are located within Wisconsin, which also features thousands of miles of rivers and streams as well as Lakes Michigan and Superior and the Mississippi River. Since it is too expensive for the state to test fish from every Wisconsin water, the state focuses its sampling program in:

- waters where there is a known or suspected pollution source
- lakes that may be susceptible to mercury contamination
- popular angling waters
- waters where long-term contaminant trends in fish are being observed.

Citizens are welcome to contact the DNR to find out whether fish from a particular water have been tested. Call or write the DNR Bureau of Water Resources Management, P.O. Box 7921, Madison, WI 53707, (608) 267-7610 or contact DNR district offices in Spooner, Rhinelander, Green Bay, Milwaukee, Fitchburg (Dane County) and Eau Claire.

## Contaminants found in fish

Wisconsin tests sport fish for the following contaminants (see box): PCBs (polychlorinated biphenyls), DDT, toxaphene, chlordane, dieldrin, mercury and dioxin. Health standards or action levels have been established for each of these substances. Wisconsin uses these standards as a basis for issuing health advice to the public and recommends ways to reduce exposure to contaminated sport fish.

Contaminant residues in sport fish vary in concentration depending on

fish species, size, age, fat content, diet, location and type of contaminant. For example, large, old lake trout in Lake Michigan are high in fat and contain relatively high PCB levels (PCBs accumulate in fat). In contrast, smaller, leaner, shorter-lived species such as perch contain very low or undetectable PCB levels.

Inland Wisconsin sport fish are much more likely to contain mercury than Great Lakes or Mississippi River sport fish, which are more likely to contain PCBs. Walleyes and other larger, older predator fish often contain relatively high mercury levels compared to smaller, younger fish of the same species and from the same lake or river.

Other known fish contaminants, such as toxaphene, dieldrin and DDT, are not as commonly found in Wisconsin sport fish as PCBs and mercury.

## Health risks

PCBs and mercury pose **different** health threats to humans.

## PCBs

High consumption of PCB-contaminated sport fish has been linked to developmental and growth problems in infants born to women who regularly ate contaminated fish.

PCBs also are suspected of posing a long-term risk of cancer to people who regularly eat fish that contain PCBs.

PCBs stay stored in body fat many years, and may not pose a health risk for years after exposure. Follow the advice in this Health Guide to minimize lifetime build-up of PCBs that might be present in sport fish, regardless of your age, sex or physical status.

## Mercury

Mercury, unlike PCBs, poses a short-term health risk to people who frequently eat fish that contain this contaminant. The human health effects of mercury are better known than for PCBs. Mercury affects the human nervous system, and thus can harm your ability to feel, see, taste and move.

Because the human body can eliminate mercury over time, occasional fish eaters face a lower health risk than people who frequently eat mercury-contaminated fish. Human fetuses and pregnant women, however, are more sensitive to mercury than other adults. Whatever your age or physical status, follow the fish advisory recommendations to protect yourself from mercury exposure.

## Contaminant trends

By testing the same species and size of fish at the same place over many years, scientists can observe trends in environmental contaminant levels. In some cases, the information can be used to pinpoint pollution sources so actions can be taken to control these problems.

One trend already is evident as a result of Wisconsin's fish monitoring program: PCB levels in Lake Michigan sport fish declined 80 percent during the 1980s.

## Environmental protection efforts underway

Wisconsin has regulations in place which limit the discharge of PCBs, mercury and other toxic substances into the air or water. Wisconsin also has rules to limit the air pollutants which produce acid rain. Acid rain in Wisconsin lakes may increase mercury uptake in sport fish. Improving air quality will help control this problem.

The state also is studying how to manage contaminated sediment to reduce the uptake of contaminants by sport fish. Clean-up efforts are being planned or are underway at many sites, particularly along the Great Lakes.

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## PCB FACTS

- ☞ Generally found in the Great Lakes, their tributaries and Mississippi River
- ☞ PCBs once used as fire retardants and in many other products
- ☞ PCB production banned in 1976 to protect public health, but PCBs still widely distributed in the environment
- ☞ Highest PCB levels in Wisconsin usually found in the largest salmon, lake trout and carp from Green Bay, Lake Michigan and tributaries
- ☞ PCBs build up in the fat of fish, birds, humans and other organisms
- ☞ Panfish (perch, etc.) usually contain low or undetectable PCB levels
- ☞ PCBs are a suspected animal carcinogen; research shows PCBs impair reproduction in some animals
- ☞ PCBs linked to developmental and growth problems in children born to women who regularly ate Great Lakes fish
- ☞ **AVOID EXPOSURE TO PCBs** by eating smaller, leaner fish; remove all traces of skin and fat before cooking (fat holds the PCBs). If you're pregnant, nursing an infant or under 15, avoid eating some fish (see guide for specific advice).

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## MERCURY FACTS

- ☞ Generally found in inland Wisconsin lakes and some rivers
- ☞ Emitted from coal-burning, paint and mixed-waste incineration, or discharged in pre-1970s industrial wastewater effluent. Acid rain may release mercury into lakewater and contaminate sport fisheries.
- ☞ Converted by bacteria dwelling in lake sediment into a chemical form readily absorbed by fish
- ☞ Highest levels found in large, old walleyes in lakes from all parts of the state; high levels found less frequently in larger northern pike and largemouth bass
- ☞ Panfish (bluegill, perch, rock bass, crappie) generally contain low or undetectable levels
- ☞ Mercury is stored in the fillet, or muscle, portion of a fish, not the fat; removing fat or skin from these fish will not lower mercury levels
- ☞ Mercury harms the human central nervous system; may affect body movement and senses of touch, taste and sight
- ☞ Health effects generally reversible if mild exposure halted; human body can eliminate half its mercury burden every 70 days
- ☞ **AVOID EXPOSURE TO MERCURY** by following advice in this Health Guide, especially if you are pregnant, under 15 or frequently eat sport fish that might contain mercury. Remember that in general, panfish contain lower mercury levels than large, predator fish.

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### U.S. Food & Drug Administration and Wisconsin Division of Health Standards for Contaminants Commonly Found in Sport Fish

|               |                           |                |                       |
|---------------|---------------------------|----------------|-----------------------|
| PCBs .....    | 2 parts per million (ppm) | Dieldrin ..... | 0.3 ppm               |
| DDT .....     | 5 ppm                     | Mercury .....  | 0.5 ppm               |
| Toxaphene ... | 5 ppm                     | Dioxin .....   | 10 parts per trillion |
| Chlordane ... | 0.3 ppm                   |                |                       |

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources April, 1992

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# Health guide for people who eat sport fish from Wisconsin waters

This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticide (pages 4 - 7), and another for fish contaminated with mercury (pages 8 through 15). Generally, people who should take the most precautions are children aged 15 or less and women who intend to have children.

| PCB and pesticide contamination in fish   | Group 1<br>These fish pose the lowest health risk.  | Group 2<br>Women and children should not eat these fish.  | Group 3<br>No one should eat these fish.   |
|---|---|---|--|
|   | See page 7 for specific health advice on each group of fish.  |   |  |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23**<br>Chinook salmon over 32"<br>Brown trout over 23"<br>Carp<br>Cattfish  |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Walleye up to 20"<br>Perch<br>Brown trout up to 12"<br>Bullhead<br>White sucker | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20**<br>White bass |
| <b>PESHTIGO RIVER</b> from its mouth at Green Bay up to the Peshtigo Dam  |   |   | Sturgeon   |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   | Walleye up to 15"   | Northern pike<br>White sucker<br>Walleye 15 to 18"  | White bass*<br>Walleye over 18"<br>Carp*<br>Drum*<br>Channel Catfish*  |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | Walleye up to 15"<br>White bass<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"  |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam<br>NOTE: Follow Lake Michigan advisory above for trout and salmon.   | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Cattfish*  |
| <b>MANITOWOC RIVER</b> from its mouth up to the dam at Clarks Mills   |   |   | Cattfish*  |
|   | NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |  |
| <b>MANITOWOC RIVER</b> and its tributaries from Chilton to Clarks Mills (including the Pine Creek and Killsnake River)  |   |   | All Species  |

| <b>PCB and pesticide contamination in fish</b>   | <b>Group 1</b><br>These fish pose the lowest health risk.    | <b>Group 2</b><br>Women and children should not eat these fish.                  | <b>Group 3</b><br>No one should eat these fish.  |
|--|--|--|--|
|  | See page 7 for specific health advice on each group of fish. |  |  |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creek</b>   | Coho salmon up to 26"<br>Chinook salmon up to 21"            | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32" | Bluegill<br>Crappie<br>Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35" |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b><br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon. | Perch  |  | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass<br>White Sucker   |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)   | Rock bass up to 8.5"   | Redhorse   | Northern pike<br>Carp  |
| <b>CEDAR CREEK</b> from the Milwaukee River up to bridge Road in the Village of Cedarburg including Zeunert Pond   |  |  | All species*   |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine<br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  | Carp up to 21"   |  | Carp over 21"  |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha<br>NOTE: Follow Lake Michigan Advisory on previous page for trout and salmon.   |  | Carp   |  |
| <b>LAKE SUPERIOR</b><br>NOTE: Also see advice for mercury-contaminated walleye in the St. Louis River, Douglas County, page 5.   | Lake trout up to 30"<br>Siscowett under 20"                  |  | Lake trout over 30"<br>Siscowett over 20"  |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |  |  | Carp   |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake   | Northern pike  | Crappies<br>Bullheads  | Largemouth bass<br>Carp  |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp                                 |  | Lake trout over 32"  |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)   |  |  | Carp<br>White bass   |

| <b>PCB and pesticide contamination in fish</b>  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.            | <b>Group 3</b><br>No one should eat these fish.   |
|---|---|--|---|
| See page 7 for specific health advice on each group of fish.  |   |  |   |
| <b>WISCONSIN RIVER</b> from the Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  |   |  | Carp  |
| <b>WISCONSIN RIVER</b> at Wisconsin Dells to the Prairie du Sac Dam (includes Lake Wisconsin)   | Lake sturgeon   |  |   |
| See advice on mercury-contaminated fish in the Wisconsin River on pages 8 through 14 under Adams, Juneau, Lincoln, Sauk, and Wood Counties. |   |  |   |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin  | Drum<br>White bass<br>Carp up to 26"<br>Walleye<br>Flathead catfish up to 26"<br>Sauger<br>Buffalo up to 23"<br>NOTE: Also see additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties, pages 10 through 13. |  | Channel catfish<br>Buffalo over 23"<br>Carp over 26"<br>Flathead catfish over 26"   |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4).                      | Drum<br>Walleye<br>Sauger<br>White bass up to 13"<br>Flathead catfish up to 30"<br>Buffalo up to 18" (Pool 3)<br>Buffalo up to 20" (Pool 4)<br>Channel catfish up to 16" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Carp up to 21"                                       | Channel catfish 16" to 23" (Pool 3)<br>Channel catfish 21" to 23" (Pool 4) | White bass over 13"<br>Buffalo over 18" (Pool 3)<br>Buffalo over 20" (Pool 4)<br>Flathead catfish over 30"<br>Channel catfish over 23"<br>Carp over 21" |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)  | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"<br>Buffalo<br>Drum<br>Walleye<br>Sauger<br>White bass   | Carp over 24"<br>Channel catfish 21 to 25"                                 | Channel catfish over 25"  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Lynxville (Pools 7, 8 and 9)                                       | Buffalo<br>Walleye<br>Crappie<br>Flathead catfish<br>Channel catfish up to 24"<br>Drum<br>White bass<br>Carp  | Channel catfish over 24"   |   |

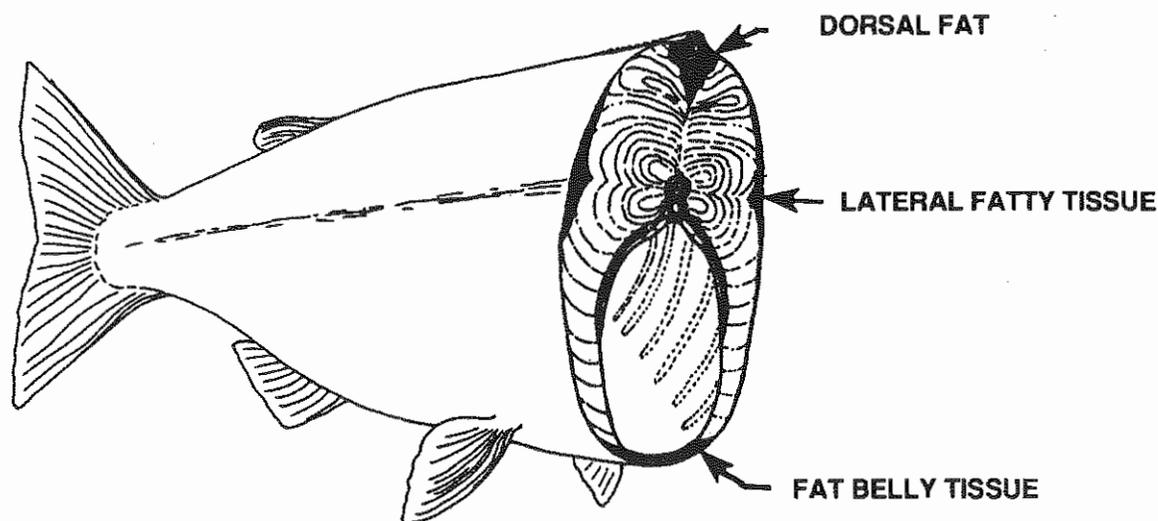
## HEALTH ADVICE for the charts on pages 4 - 6

**GROUP 1:** Contaminant levels in 10 percent or less of tested Group 1 fish are higher than one or more health standards. **EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.** Trim fat and skin from Group 1 fish before cooking and eating them.

**GROUP 2:** Contaminant levels in more than 10 percent but less than 50 percent of tested Group 2 fish are higher than one or more health standards. **CHILDREN UNDER 15, AND WOMEN OF CHILDBEARING AGE SHOULD NOT EAT GROUP 2 FISH.** You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Petenwell Flowage and Lake Superior elsewhere in this publication.)

**GROUP 3:** Contaminant levels in 50 percent or more of tested Group 3 fish are higher than one or more health standards. **NO ONE SHOULD EAT GROUP 3 FISH.**

\*Ninety percent or more of Group 3 fish marked with an asterisk (\*) contain contaminant levels higher than one or more health standards.



## COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH

PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

- Remove all skin.
- Cut away the dark fat on top of the fish along its backbone.
- Slice off fat belly meat along the bottom of the fish.
- Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings.
- Fish may also be cooked in liquids, but discard the resulting broth.

# Mercury contamination in fish

## HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake is on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol "-" — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

## HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

**GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. Everyone else may eat unlimited amounts of Group 1 fish. Skin-on fillet samples average 0.5 ppm mercury or less.

**GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 2 fish. Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month. Skin-on fillet samples average 0.5 to 0.75 ppm mercury.

**GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 3 fish. Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month. Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.

**GROUP 4:** NO ONE SHOULD EAT GROUP 4 FISH. Skin-on fillet samples contain an average mercury level above 1.0 ppm.

- This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | 4     | •   |
| <b>ADAMS COUNTY</b>  |              |                    |       |       |       |       |       |       |     |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage) See Juneau, Lincoln, Sauk, and Wood Counties also. | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Juneau, Lincoln Sauk, and Wood Counties also.         | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>ASHLAND CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Bear Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Day Lake   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2   |
| Mineral Lake   | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Lake Three   | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| Spillerberg Lake   | Y Perch      | 2                  | •     | •     | •     | •     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in October 1990. LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch, BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker

| County/Water   | Fish Species     | Length (in inches) |       |       |       |       |       |       |         |
|--|------------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|  |                  | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>BARRON CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Bass Lake T33 R10W S34   | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | .       |
| Bear Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Beaver Dam Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Loon Lake  | Walleye          | .                  | .     | .     | 3     | 3     | .     | .     | .       |
| North Lake   | LM Bass          | .                  | .     | 2     | 2     | .     | .     | .     | .       |
| Red Cedar Lake   | Walleye          | 1                  | 1     | 1     | 2     | 2     | .     | .     | .       |
| Scott Lake T35 R14W S16  | Walleye          | .                  | .     | .     | .     | 3     | 3     | .     | .       |
| Silver Lake  | Walleye          | .                  | .     | .     | .     | .     | 3     | .     | .       |
| Spring Lake  | Walleye          | .                  | .     | .     | 2     | 3     | .     | .     | .       |
| <b>BAYFIELD CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Cisco Lake   | Walleye          | .                  | .     | .     | .     | 3     | .     | .     | .       |
| Long Lake T47 R8W S2   | Y Perch          | 1                  | 1     | 2     | .     | .     | .     | .     | .       |
|  | Walleye          | .                  | .     | .     | .     | 3     | .     | .     | .       |
|  | LM Bass          | .                  | .     | 2     | .     | .     | .     | .     | .       |
| Long Lake T48 R5W S6   | LM Bass          | .                  | 2     | 3     | 4     | .     | .     | .     | .       |
|  | Y Perch          | 1                  | 2     | .     | .     | .     | .     | .     | .       |
| Namekagon Lake   | Walleye          | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Owen Lake  | Walleye          | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .       |
| Perch Lake T45 R7W S5  | LM Bass          | 1                  | 1     | 2     | 2     | .     | .     | .     | .       |
| Siskiwit Lake  | Walleye          | 1                  | 1     | 1     | 2     | 3     | 4     | .     | .       |
| Tahkodah Lake  | N Pike           | .                  | .     | .     | .     | 2     | 2     | 2     | .       |
|  | Lm Bass          | .                  | .     | 3     | 3     | 4     | .     | .     | .       |
|  | Sm Bass          | .                  | .     | 3     | .     | .     | .     | .     | .       |
|  | Walleye          | .                  | .     | .     | 4     | 4     | 4     | .     | .       |
| West Twin Lake   | LM Bass          | .                  | .     | 2     | .     | .     | .     | .     | .       |
|  | N Pike           | .                  | .     | .     | .     | .     | 3     | .     | .       |
| Pike Chain of Lakes<br>(Includes Buskey Bay, Millicent, Hart,<br>Twin, Bear, and Eagle Lakes)          | Walleye          | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | .       |
| <b>BURNETT CO.</b>   |                  |                    |       |       |       |       |       |       |         |
| Johnson Lake T40 R16W S23  | LM Bass          | 1                  | 1     | 2     | 3     | 4     | .     | .     | .       |
|  | N Pike           | .                  | .     | .     | .     | 3     | 3     | .     | .       |
| North Sand Lake  | Walleye          | .                  | .     | .     | .     | .     | 2     | 3     | .       |
| Round Lake T37 R18W S27  | Walleye          | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Yellow Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| <b>CHIPPEWA CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Chippewa River, from the Chippewa Falls dam downstream to the county line. See Eau Claire County also. | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |
| Chippewa River, Chippewa Falls Flowage   | Sm Bass          | 1                  | 1     | 1     | 2     | .     | .     | .     | .       |
|  | Walleye          | 1                  | 1     | 1     | 2     | 2     | .     | .     | .       |
| Chippewa River, Cornell Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Chippewa River, Holcombe Flowage   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Chippewa River, Lake Wissota   | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |
|  | N Pike           | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |
|  | Flathead Catfish | .                  | .     | .     | .     | .     | 2     | 2     | 4       |
|  | Sturgeon         | .                  | .     | .     | .     | .     | .     | .     | 2(>50") |
| Chippewa River, Old Abe Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Hemlock Lake   | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | .       |
| Horseshoe Lake T32 R8W S33   | Walleye          | .                  | .     | .     | .     | 4     | 4     | .     | .       |
| Howe Lake  | LM Bass          | 1                  | 1     | 1     | 3     | .     | .     | .     | .       |
| N. Shattuck Lake   | LM Bass          | 1                  | 1     | 1     | 2     | .     | .     | .     | .       |
|  | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | 3       |
| Pine Lake  | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | 3       |
| Riley Lake   | Walleye          | .                  | .     | .     | .     | .     | 2     | 2     | .       |
| Round Lake T32 R9W S14   | Walleye          | 1                  | 1     | 1     | 1     | 3     | 4     | .     | .       |
| Two Island Lake  | LM Bass          | .                  | .     | .     | 3     | .     | .     | .     | .       |

| County/Water  | Fish Species         | Length (in inches) |       |       |       |       |       |       |     |  |
|---|----------------------|--------------------|-------|-------|-------|-------|-------|-------|-----|--|
|   |                      | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |  |
| <b>CLARK CO.</b>  |                      |                    |       |       |       |       |       |       |     |  |
| Black River from Hwy. 29/73 bridge south to Lake Arbutus. See Jackson Co. also. | Walleye              | 1                  | 1     | 1     | 3     | 4     | 4     | 4     | •   |  |
|   | N. Pike              | •                  | •     | •     | •     | 2     | 2     | 2     | •   |  |
|   | Musky                | •                  | •     | •     | •     | •     | •     | •     | 4   |  |
| Mead Lake   | Walleye              | •                  | •     | •     | •     | 2     | 3     | 4     | •   |  |
| <b>CRAWFORD CO.</b>   |                      |                    |       |       |       |       |       |       |     |  |
| Kickapoo River near Steuben   | N Pike               | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •   |  |
|   | Walleye              | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •   |  |
| <b>DANE CO.</b>   |                      |                    |       |       |       |       |       |       |     |  |
| Lake Monona   | Walleye              | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | •   |  |
| Lake Waubesa  | Walleye              | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •   |  |
| <b>DOUGLAS CO.</b>  |                      |                    |       |       |       |       |       |       |     |  |
| Amnicon Lake  | Walleye              | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |  |
| Bond Lake   | Walleye              | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |  |
| Dowling Lake  | Walleye              | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |  |
| Lyman Lake  | Walleye              | •                  | •     | 3     | 3     | 4     | 4     | •     | •   |  |
|   | Musky                | •                  | •     | •     | •     | •     | •     | •     | 3   |  |
| Minnesuing Lake   | Walleye              | 1                  | 1     | 1     | 3     | 3     | 3     | •     | •   |  |
|   | N Pike               | •                  | •     | •     | •     | 2     | •     | •     | •   |  |
| Minong Flowage - (See Washburn County Listing)                                  |                      |                    |       |       |       |       |       |       |     |  |
| Nebagamon Lake  | Walleye              | •                  | •     | •     | 2     | 3     | •     | •     | •   |  |
| Red Lake  | Walleye              | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |  |
| St. Croix Flowage   | BL Crappie           | 1                  | 1     | 2     | •     | •     | •     | •     | •   |  |
|   | LM Bass              | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |  |
| St. Louis River including Superior Harbor                                       | Walleye              | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | •   |  |
|   | Upper St. Croix Lake | Walleye            | 1     | 1     | 1     | 2     | 2     | •     | •   |  |
|   | N. Pike              | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •   |  |
| <b>DUNN CO.</b>   |                      |                    |       |       |       |       |       |       |     |  |
| Tainter Lake and Red Cedar River above Tainter Lake in Dunn Co.                 | Walleye              | 1                  | 1     | 1     | 2     | 3     | 3     | 4     | •   |  |
| Red Cedar River above Hwy 64  | Sm Bass              | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |  |
| <b>EAU CLAIRE CO.</b>   |                      |                    |       |       |       |       |       |       |     |  |
| Chippewa River above Dells Dam  | Walleye              | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |  |
| <b>FLORENCE CO.</b>   |                      |                    |       |       |       |       |       |       |     |  |
| Brule River at Paint River Pond   | Walleye              | 1                  | 1     | 2     | 3     | 4     | 4     | •     | •   |  |
| Emily Lake  | Walleye              | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |  |
| Sand Lake T38 R18E S21  | Walleye              | •                  | •     | •     | 3     | 4     | 4     | •     | •   |  |
| Sealion Lake  | Walleye              | •                  | •     | •     | •     | 3     | 3     | 3     | •   |  |
| <b>FOND DU LAC CO.</b>  |                      |                    |       |       |       |       |       |       |     |  |
| Forest Lake   | LM Bass              | 1                  | 1     | 2     | •     | •     | •     | •     | •   |  |
|   | N Pike               | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |  |
| Long Lake   | Walleye              | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |  |
| Mauthe Lake   | Y Perch              | 2                  | 2     | •     | •     | •     | •     | •     | •   |  |
|   | Walleye              | •                  | •     | •     | •     | 3     | •     | •     | •   |  |
| <b>FOREST CO.</b>   |                      |                    |       |       |       |       |       |       |     |  |
| Arbutus Lake  | Walleye              | •                  | •     | •     | •     | 3     | 3     | •     | •   |  |
| Deep Hole Lake  | Walleye              | •                  | •     | •     | 3     | 4     | 4     | •     | •   |  |
| Julia Lake  | Walleye              | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |  |
| Little Sand Lake  | LM Bass              | •                  | 2     | 3     | •     | •     | •     | •     | •   |  |
|   | N. Pike              | •                  | •     | •     | •     | •     | 3     | 3     | 4   |  |
|   | Walleye              | •                  | •     | •     | •     | •     | 4     | 4     | •   |  |
| Pine Lake   | Walleye              | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |  |
| Van Zile Lake   | N Pike               | •                  | •     | •     | •     | •     | 4     | 4     | •   |  |
|   | LM Bass              | 2                  | 3     | 4     | 4     | •     | •     | •     | •   |  |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>IRON CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Bearskull Lake   | Walleye      | 1                  | 1     | 2     | 3     | 4     | •     | •     | •   |
| Cedar Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | •     | •   |
| Gile Flowage   | Walleye      | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |
| Island Lake T44 R1E S25  | Walleye      | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |
| North Bass Lake  | LM Bass      | 2                  | 2     | 3     | 4     | •     | •     | •     | •   |
|  | Rock Bass    | 3                  | •     | •     | •     | •     | •     | •     | •   |
| Pine Lake  | Walleye      | •                  | •     | •     | 2     | •     | •     | •     | •   |
| Owl Lake   | Walleye      | •                  | 2     | 3     | 4     | 4     | 4     | •     | •   |
| Six Lake   | Rock Bass    | 2                  | •     | •     | •     | •     | •     | •     | •   |
|  | Y Perch      | 3                  | 3     | •     | •     | •     | •     | •     | •   |
| Turtle-Flambeau Flowage<br>(including Trude Lake)  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •   |
| <b>JACKSON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Black River  | Walleye      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4   |
| Lake Arbutus and backwaters  | CH Catfish   | •                  | •     | •     | •     | •     | •     | 4     | 4   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | 2   |
|  | SM Bass      | 1                  | 2     | 2     | 3     | 4     | •     | •     | •   |
|  | Walleye      | •                  | •     | •     | 2     | 3     | 4     | •     | •   |
|  | BL Crappie   | 1                  | 2     | •     | •     | •     | •     | •     | •   |
| Potter's Flowage   | LM Bass      | •                  | •     | 2     | 2     | 4     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Robert's Flowage   | LM Bass      | 1                  | 1     | 2     | 2     | 4     | •     | •     | •   |
|  | BL Crappie   | 2                  | •     | •     | •     | •     | •     | •     | •   |
| Upper Harkner Flowage  | BL Crappie   | 2                  | 3     | •     | •     | •     | •     | •     | •   |
|  | Y Perch      | 1                  | 2     | 2     | •     | •     | •     | •     | •   |
| <b>JUNEAU</b>  |              |                    |       |       |       |       |       |       |     |
| Lemonweir River at New Lisbon Flowage  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | •     | •   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Adams, Lincoln, Juneau, and Sauk Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| <b>JEFFERSON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| <b>LANGLADE CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | •                  | •     | •     | •     | •     | 3     | •     | •   |
| Deep Wood Lake   | LM Bass      | •                  | 2     | 2     | 3     | •     | •     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 3     | 3     | •     | •   |
| Greater Bass Lake  | LM Bass      | 2                  | 3     | 4     | 4     | 4     | •     | •     | •   |
| Lower Bass Lake  | LM Bass      | 1                  | 2     | 3     | 4     | •     | •     | •     | •   |
| Summit Lake  | LM Bass      | •                  | 2     | 2     | •     | •     | •     | •     | •   |
| <b>LINCOLN CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 3     | 3     | •     | •   |
| Pesobic Lake   | Walleye      | •                  | •     | 2     | 3     | 3     | 3     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
| Seven Island Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Somo Lake  | Walleye      | •                  | •     | •     | 3     | 4     | •     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 2     | 2     | •     | •   |
| Spirit River Flowage   | BL Crappie   | 1                  | 2     | •     | •     | •     | •     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Wisconsin River at Lake Alice. See Adams, Juneau, Sauk, and Wood Counties also.  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| <b>MANITOWOC CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Bullhead Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>MARATHON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Big Eau Pleine Reservoir  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| Big Rib River from Marathon City down to Hwy. N                             | Walleye      | 1                  | 1     | 1     | 2     | 2     | .     | .     | .   |
| Mayflower Lake  | Walleye      | .                  | .     | .     | 2     | 2     | 2     | .     | .   |
| <b>MARINETTE CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Lake Noquebay   | Walleye      | 1                  | 1     | 1     | 2     | 4     | 4     | .     | .   |
| Menominee River from Pier's Gorge through Sturgeon Falls Flowage            | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Menominee River at Lower Scott Flowage                                      | Rock Bass    | 3                  | .     | .     | .     | .     | .     | .     | .   |
|   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | .     | .   |
| Peshtigo River at Peshtigo Flowage  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
| <b>MARQUETTE CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Buffalo Lake  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | 2     | 4   |
| <b>ONEIDA CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Bass Lake T39 R8E S31   | N Pike       | .                  | .     | .     | 1     | 2     | 3     | 3     | .   |
| Big Lake (T38 R11E S21)   | Walleye      | .                  | .     | 2     | 2     | 2     | 3     | .     | .   |
| Big Carr Lake   | Walleye      | .                  | .     | 2     | 2     | 3     | .     | .     | .   |
| Bird Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .   |
|   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Currie Lake   | Walleye      | .                  | .     | 2     | 2     | 4     | .     | .     | .   |
|   | LM Bass      | .                  | .     | 2     | 2     | .     | .     | .     | .   |
| Foster Lake   | LM Bass      | 1                  | 1     | 3     | 4     | .     | .     | .     | .   |
| Franklin Lake   | LM Bass      | 1                  | 1     | 2     | 2     | .     | .     | .     | .   |
|   | SM Bass      | 1                  | 2     | 2     | 3     | .     | .     | .     | .   |
|   | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .   |
| Hemlock Lake  | Walleye      | 1                  | 1     | 1     | 4     | 4     | .     | .     | .   |
| Hodstradt Lake  | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .   |
| Lake Julia  | Walleye      | .                  | .     | .     | 2     | 2     | 3     | .     | .   |
| Long Lake T37 R7E S10   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | 4     | .   |
| Long Lake T39 R11E S8   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |
| McGrath Lake  | LM Bass      | .                  | 2     | 3     | 3     | .     | .     | .     | .   |
|   | Bluegill     | 2                  | .     | .     | .     | .     | .     | .     | .   |
|   | Y Perch      | 2                  | .     | .     | .     | .     | .     | .     | .   |
| Medicine Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .   |
| Moens Lake  | Walleye      | .                  | .     | 3     | 4     | 4     | 4     | .     | .   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 4     | .     | .   |
| Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
| North Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | .     | .   |
| North Two Lake  | Walleye      | .                  | .     | .     | .     | 2     | .     | .     | .   |
| Pickereel Lake T39 R8E S7   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Rainbow Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | .   |
| Sugar Camp Chain of Lakes (includes Chain, Echo, Dam, Sand and Stone Lakes) | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | .     | .   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | 2   |
| Sugar Camp Lake   | SM Bass      | .                  | .     | 3     | 4     | 4     | .     | .     | .   |
|   | Walleye      | .                  | .     | .     | 4     | 4     | 4     | .     | .   |
|   | N Pike       | .                  | .     | .     | .     | .     | 3     | 3     | 4   |
| Thompson Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| Tomahawk Lake   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .   |
| Upper Kaubashine Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Willow Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
|   | Walleye      | 1                  | 1     | 1     | 2     | 4     | .     | .     | .   |
| <b>PIERCE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| St. Croix River   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
| <b>POLK CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Pipe Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | .     | .     | .   |
| St. Croix River above St. Croix Falls dam                                   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| St. Croix River below St. Croix Falls dam downstream to Mississippi R.      | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
|   | White Bass   | .                  | .     | 2     | .     | .     | .     | .     | .   |
| Ward Lake   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |         |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>PRICE CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Bass Lake T40 R2W S15  | Walleye      | •                  | •     | 3     | 4     | 4     | •     | •     | •       |
| Butternut Lake   | Walleye      | •                  | •     | 2     | 2     | 3     | •     | •     | •       |
| Crowley Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|  | Sm Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
| Elk Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •       |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3       |
| Lower Park Falls Flowage   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Long Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Musser Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •       |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3       |
| Newman Lake  | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
| North Fork Flambeau River and Flowages   | Musky        | •                  | •     | •     | •     | •     | •     | •     | (>32")3 |
| Pike Lake Chain (includes Amik, Pike, Round and Turner Lakes)  | Walleye      | 1                  | 1     | 2     | 2     | 3     | •     | •     | •       |
| Pixley Flowage   | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •       |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Solberg Lake   | SM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
|  | Walleye      | 1                  | 1     | 2     | 3     | 3     | 4     | 4     | •       |
| Wilson Flowage   | N Pike       | •                  | •     | •     | •     | •     | •     | 2     | •       |
| <b>ROCK CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Clear Lake   | LM Bass      | 1                  | 1     | 2     | •     | •     | •     | •     | •       |
| <b>RUSK CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Dairyland Reservoir  | Walleye      | •                  | •     | 2     | 3     | 3     | •     | •     | •       |
| Fish Lake  | LM Bass      | •                  | 1     | 2     | 3     | 3     | •     | •     | •       |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Perch Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •       |
| <b>SAUK CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Devil's Lake   | Walleye      | •                  | 2     | 2     | 2     | 2     | 2     | 3     | •       |
| Wisconsin River below the Wisconsin Dells dam to Hwy 78 bridge (See Adams, Juneau, Lincoln and Wood Counties also) | Walleye      | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|  | SM Bass      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •       |
| <b>ST. CROIX CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Bass Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| St. Croix River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
| <b>SAWYER CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Black Lake   | LM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •       |
|  | BL Crappie   | 1                  | 3     | 4     | •     | •     | •     | •     | •       |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4       |
| Calahan-Mud Lake   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4       |
| Fishtrap Lake  | LM Bass      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •       |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Ghost Lake   | Walleye      | •                  | •     | •     | •     | 4     | •     | •     | •       |
| Lake Loretta   | LM Bass      | 1                  | 1     | 2     | 3     | 4     | •     | •     | •       |
| Moose Lake   | Walleye      | 1                  | 1     | 2     | 3     | 3     | 3     | •     | •       |
| Two Axe Lake   | LM Bass      | •                  | •     | 2     | 2     | •     | •     | •     | •       |
| Windigo Lake   | N Pike       | •                  | •     | •     | •     | 2     | 2     | 3     | •       |
|  | Walleye      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •       |
| Winter Lake  | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •       |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2       |
| <b>SHAWANO CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Cloverleaf Chain of Lakes (includes Pine, Grass and Round Lakes) T26N R15E S33 & 34                                | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Shawano Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Wolf River below Shawano Dam down to State Highway 156   | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •       |

| County/Water   | Fish Species | Length (In Inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>SHEBOYGAN CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Crystal Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 2     | •     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| <b>TAYLOR CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Black River below Medford in Taylor County   | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |
| Chequamegon Waters   | LM Bass      | 1                  | 1     | 1     | 4     | •     | •     | •     | •   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 1     | 2   |
| Diamond Lake   | Walleye      | •                  | •     | •     | 2     | 2     | 2     | •     | •   |
| Richter Lake   | LM Bass      | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |
| Sackett Lake   | LM Bass      | •                  | •     | 2     | 3     | •     | •     | •     | •   |
|  | Walleye      | •                  | •     | •     | 3     | 4     | •     | •     | •   |
| South Harper Lake  | Walleye      | •                  | •     | 2     | 2     | 3     | 4     | •     | •   |
| <b>TREMPEALEAU CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Marinuka Lake  | LM Bass      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| Black River  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | 3     | •   |
| <b>VILAS CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Ballard Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •   |
| Birch Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | •     | •   |
| Boulder Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Camp Lake  | LM Bass      | 1                  | 1     | 2     | 4     | •     | •     | •     | •   |
| Dead Pike Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| Eagle Lake T40 R10E S22  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | •     | •   |
| Forest Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Irving Lake  | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •   |
| Jag Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •   |
|  | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
| Long Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| North Turtle Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| North Twin Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Oswego Lake  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
| Pioneer Lake   | Walleye      | 1                  | 1     | 2     | 2     | 3     | 3     | •     | •   |
| Shannon Lake   | LM Bass      | 1                  | 1     | 2     | 4     | 4     | •     | •     | •   |
| Trout Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | 4     | 4   |
| Upper Buckatabon   | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| White Birch Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •   |
| <b>WASHBURN CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Harmon Lake  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | •   |
| Minong Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Shell Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Silver Lake  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| <b>WASHINGTON CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Pike Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 3     | •     | •   |
| <b>WAUPACA CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Columbia Lake  | LM Bass      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>WAUSHARA CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Big Hills Lake   | Walleye      | •                  | •     | •     | •     | 2     | •     | •     | •   |
| Kusel Lake   | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| <b>WINNEBAGO CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Lake Winneconne on the Wolf River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| <b>WOOD CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |

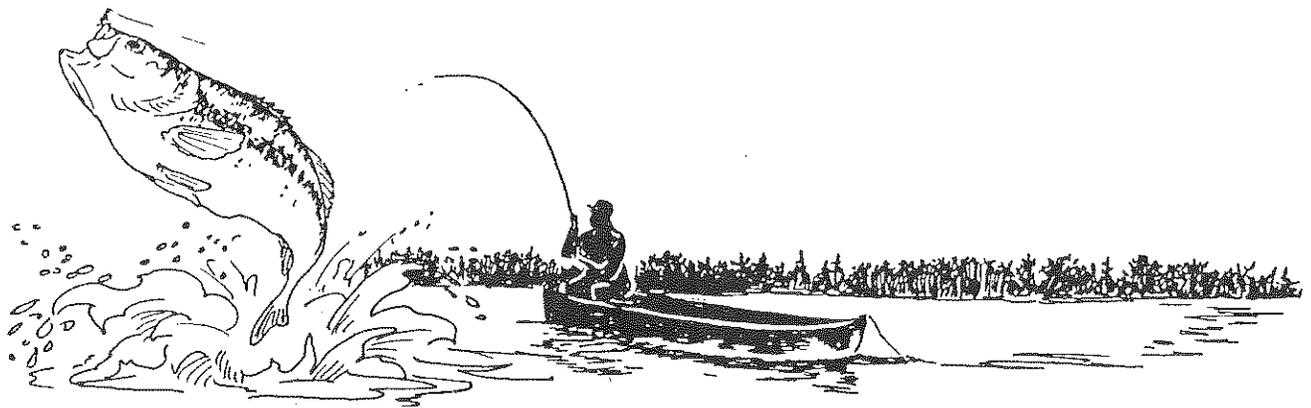
# COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. You **cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.**

NOTE: If you catch fish from both Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

| Monthly Consumption                                     |  |
|---|--|
| If you eat this many Group 2 fish meals in one month... | eat no more than this many Group 3 fish meals that same month: |
| 0 .....   | 7  |
| 2 .....   | 6  |
| 4 .....   | 5  |
| 6 .....   | 4  |
| 8 .....   | 3  |
| 10 .....  | 2  |
| 12 .....  | 1  |
| 13 .....  | 0  |

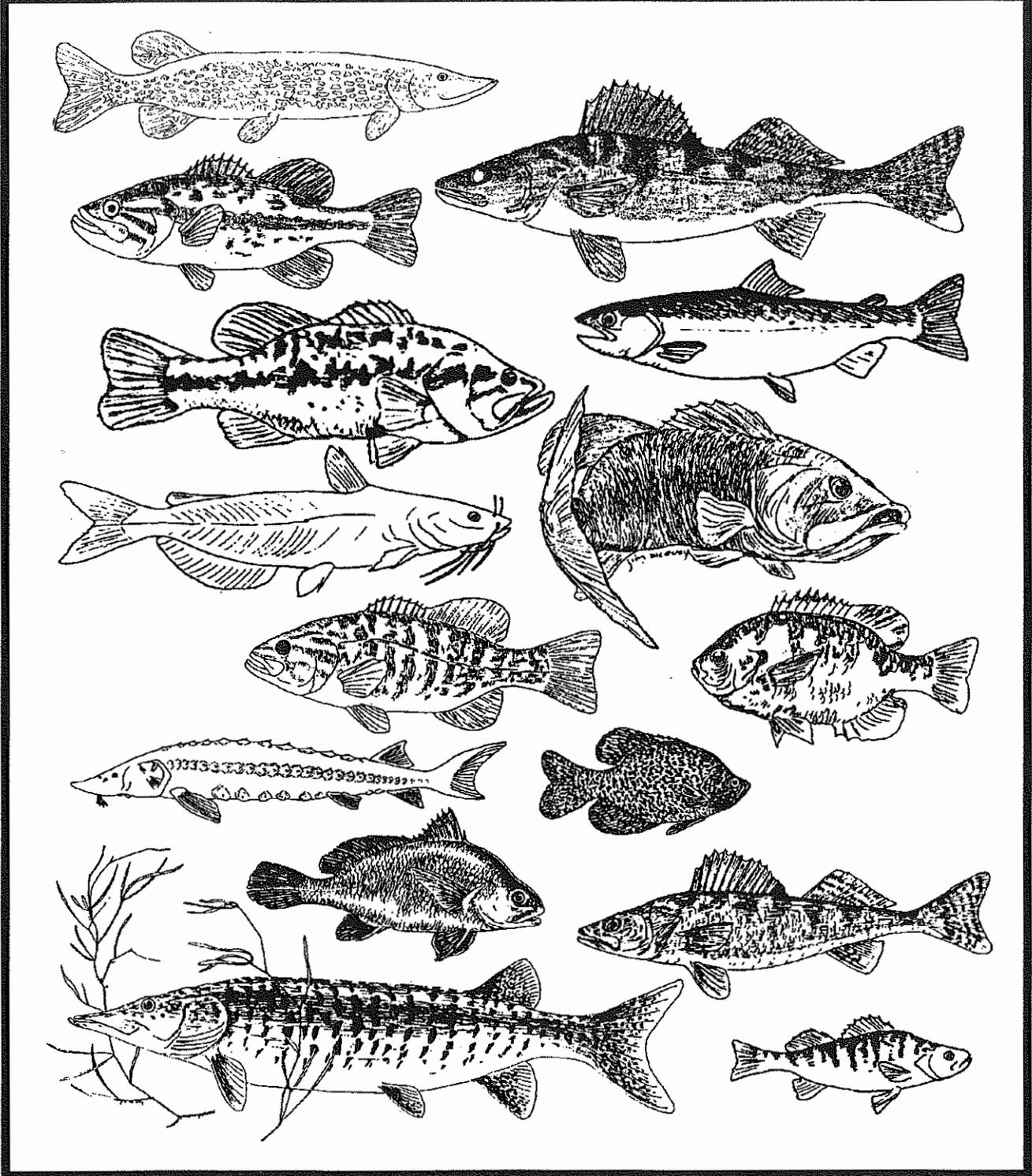
| Annual Consumption  |   |
|---|---|
| If you eat this many... Group 2 fish meals in one year... | eat no more than this many Group 3 fish meals that same year: |
| 0 .....   | 13  |
| 2 .....   | 12  |
| 4 .....   | 11  |
| 6 .....   | 10  |
| 8 .....   | 9   |
| 10 .....  | 8   |
| 12 .....  | 7   |
| 14 .....  | 6   |
| 16 .....  | 5   |
| 18 .....  | 4   |
| 20 .....  | 3   |
| 22 .....  | 2   |
| 24 .....  | 1   |
| 26 .....  | 0   |



# Health Guide

April 1993

for people who eat sport fish from Wisconsin waters



# HEALTH GUIDE to Eating Wisconsin Sport Fish

April, 1993

## Important health information

This guide provides anglers and consumers with advice for eating Wisconsin sport fish which contain unhealthy levels of environmental contaminants. To protect your health, use this guide to choose which sizes and species of Wisconsin sport fish contain the lowest contaminant levels.

The guide covers fish in the Great Lakes and Mississippi River as well as fish caught from inland lakes and rivers.

Wisconsin's fish advisory is revised each April and October to provide consumers with up-to-date health information. The guide is produced as a public health service by the Wisconsin Department of Natural Resources (DNR) and the Department of Health and Social Services (H&SS). Wisconsin has issued a fish advisory since 1976.

## Fish sampling

DNR staff collect fish using nets or electroshocking devices. The fish are wrapped, labeled, frozen and shipped to an agency laboratory in Madison, where they are thawed and filleted. Fillets (with skin left on) are finely ground, placed in labeled jars, frozen and sent to a laboratory for contaminant analysis. H&SS establishes appropriate health advice after reviewing fish contaminant test results with DNR. The agencies then issue this advice to the public.

**Note:** Whole fish are **not** used as the basis for Wisconsin's sport fish consumption advisory, as some people mistakenly believe.

## Fish testing sites

Wisconsin's fish collection and testing program is frequently adjusted

to meet changing needs. New lakes and rivers are tested each year, along with some previously-tested waters to determine trends in contaminant levels.

Nearly 15,000 lakes are located within Wisconsin, which also features thousands of miles of rivers and streams as well as Lakes Michigan and Superior and the Mississippi River. Since it is too expensive for the state to test fish from every Wisconsin water, the state focuses its sampling program in:

- waters where there is a known or suspected pollution source
- lakes that may be susceptible to mercury contamination
- popular angling waters
- waters where long-term contaminant trends in fish are being observed.

Citizens are welcome to contact the DNR to find out whether fish from a particular water have been tested. Call or write the DNR Bureau of Water Resources Management, P.O. Box 7921, Madison, WI 53707, (608) 267-7610 or contact DNR district offices in Spooner, Rhinelander, Green Bay, Milwaukee, Fitchburg (Dane County) and Eau Claire.

## Contaminants found in fish

Wisconsin tests sport fish for the following contaminants (see box): PCBs (polychlorinated biphenyls), DDT, toxaphene, chlordane, dieldrin, mercury and dioxin. Health standards or action levels have been established for each of these substances. Wisconsin uses these standards as a basis for issuing health advice to the public and recommends ways to reduce exposure to contaminated sport fish.

Contaminant residues in sport fish vary in concentration depending on

fish species, size, age, fat content, diet, location and type of contaminant. For example, large, old lake trout in Lake Michigan are high in fat and contain relatively high PCB levels (PCBs accumulate in fat). In contrast, smaller, leaner, shorter-lived species such as perch contain very low or undetectable PCB levels.

Inland Wisconsin sport fish are much more likely to contain mercury than Great Lakes or Mississippi River sport fish, which are more likely to contain PCBs. Walleyes and other larger, older predator fish often contain relatively high mercury levels compared to smaller, younger fish of the same species and from the same lake or river.

Other known fish contaminants, such as toxaphene, dieldrin and DDT, are not as commonly found in Wisconsin sport fish as PCBs and mercury.

## Health risks

PCBs and mercury pose **different** health threats to humans.

## PCBs

High consumption of PCB-contaminated sport fish has been linked to developmental and growth problems in infants born to women who regularly ate contaminated fish.

PCBs also are suspected of posing a long-term risk of cancer to people who regularly eat fish that contain PCBs.

PCBs stay stored in body fat many years, and may not pose a health risk for years after exposure. Follow the advice in this Health Guide to minimize lifetime build-up of PCBs that might be present in sport fish, regardless of your age, sex or physical status.

## Mercury

Mercury, unlike PCBs, poses a short-term health risk to people who frequently eat fish that contain this contaminant. The human health effects of mercury are better known than for PCBs. Mercury affects the human nervous system, and thus can harm your ability to feel, see, taste and move.

Because the human body can eliminate mercury over time, occasional fish eaters face a lower health risk than people who frequently eat mercury-contaminated fish. Human fetuses and pregnant women, however, are more sensitive to mercury than other adults. Whatever your age or physical status, follow the fish advisory recommendations to protect yourself from mercury exposure.

## Contaminant trends

By testing the same species and size of fish at the same place over many years, scientists can observe trends in environmental contaminant levels. In some cases, the information can be used to pinpoint pollution sources so actions can be taken to control these problems.

One trend already is evident as a result of Wisconsin's fish monitoring program: PCB levels in Lake Michigan sport fish declined 80 percent during the 1980s.

## Environmental protection efforts underway

Wisconsin has regulations in place which limit the discharge of PCBs, mercury and other toxic substances into the air or water. Wisconsin also has rules to limit the air pollutants which produce acid rain. Acid rain in Wisconsin lakes may increase mercury uptake in sport fish. Improving air quality will help control this problem.

The state also is studying how to manage contaminated sediment to reduce the uptake of contaminants by sport fish. Clean-up efforts are being planned or are underway at many sites, particularly along the Great Lakes.

## PCB FACTS

- Generally found in the Great Lakes, their tributaries and Mississippi River
- PCBs once used as fire retardants and in many other products
- PCB production banned in 1976 to protect public health, but PCBs still widely distributed in the environment
- Highest PCB levels in Wisconsin usually found in the largest salmon, lake trout and carp from Green Bay, Lake Michigan and tributaries
- PCBs build up in the fat of fish, birds, humans and other organisms
- Panfish (perch, etc.) usually contain low or undetectable PCB levels
- PCBs are a suspected animal carcinogen; research shows PCBs impair reproduction in some animals
- PCBs linked to developmental and growth problems in children born to women who regularly ate Great Lakes fish
- AVOID EXPOSURE TO PCBs by eating smaller, leaner fish; remove all traces of skin and fat before cooking (fat holds the PCBs). If you're pregnant, nursing an infant or under 15, avoid eating some fish (see guide for specific advice).

## MERCURY FACTS

- Generally found in inland Wisconsin lakes and some rivers
- Emitted from coal-burning, paint and mixed-waste incineration, or discharged in pre-1970s industrial wastewater effluent. Acid rain may release mercury into lakewater and contaminate sport fisheries.
- Converted by bacteria dwelling in lake sediment into a chemical form readily absorbed by fish
- Highest levels found in large, old walleyes in lakes from all parts of the state; high levels found less frequently in larger northern pike and largemouth bass
- Panfish (bluegill, perch, rock bass, crappie) generally contain low or undetectable levels
- Mercury is stored in the fillet, or muscle, portion of a fish, not the fat; removing fat or skin from these fish will not lower mercury levels
- Mercury harms the human central nervous system; may affect body movement and senses of touch, taste and sight
- Health effects generally reversible if mild exposure halted; human body can eliminate half its mercury burden every 70 days
- AVOID EXPOSURE TO MERCURY by following advice in this Health Guide, especially if you are pregnant, under 15 or frequently eat sport fish that might contain mercury. Remember that in general, panfish contain lower mercury levels than large, predator fish.

### U.S. Food & Drug Administration and Wisconsin Division of Health Standards for Contaminants Commonly Found in Sport Fish

|                |                           |                |                       |
|----------------|---------------------------|----------------|-----------------------|
| PCBs .....     | 2 parts per million (ppm) | Dieldrin ..... | 0.3 ppm               |
| DDT .....      | 5 ppm                     | Mercury .....  | 0.5 ppm               |
| Toxaphene ...  | 5 ppm                     | Dioxin .....   | 10 parts per trillion |
| Chlordane .... | 0.3 ppm                   |                |                       |

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources April, 1993

## Health guide for people who eat sport fish from Wisconsin waters

This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticide (pages 4 - 7), and another for fish contaminated with mercury (pages 8 through 15). Generally, people who should take the most precautions are children aged 15 or less and women who intend to have children.

| <b>PCB and pesticide contamination in fish</b>  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.                                   | <b>Group 3</b><br>No one should eat these fish.   |
|---|---|---|---|
|   | See page 7 for specific health advice on each group of fish.  |   |   |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23"<br>Chinook salmon over 32"<br>Brown trout over 23"<br>Carp<br>Catfish   |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Walleye up to 20"<br>Perch<br>Brown trout up to 12"<br>Bullhead<br>White sucker | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20"<br>White bass<br>Sturgeon |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   | Walleye up to 15"   | Northern pike<br>White sucker<br>Walleye 15 to 18"  | White bass*<br>Walleye over 18"<br>Carp*<br>Drum*<br>Channel Catfish*   |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | Walleye up to 15"<br>White bass<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"   |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam<br>NOTE: Follow Lake Michigan advisory above for trout and salmon.   | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Catfish*  |
| <b>MANITOWOC RIVER</b> from its mouth up to the dam at Clarks Mills   |   |   | Catfish*  |
|   | NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |   |
| <b>MANITOWOC RIVER</b> and its tributaries from Chilton to Clarks Mills (including the Pine Creek and Killsnake River   |   |   | All Species   |
|   |   |   |   |

| <b>PCB and pesticide contamination in fish</b>   | <b>Group 1</b><br>These fish pose the lowest health risk. | <b>Group 2</b><br>Women and children should not eat these fish.                  | <b>Group 3</b><br>No one should eat these fish.   |
|--|---|--|---|
| See page 7 for specific health advice on each group of fish.   |   |  |   |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creek</b>   | Coho salmon up to 26"<br>Chinook salmon up to 21"         | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32" | Bluegill<br>Crappie<br>Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Catfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35** |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b><br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon. | Perch   |  | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass<br>White Sucker  |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)   | Rock bass up to 8.5"                                      | Redhorse   | Northern pike<br>Carp   |
| <b>CEDAR CREEK</b> from the Milwaukee River up to bridge Road in the Village of Cedarburg including Zeunert Pond   |   |  | All species*  |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine<br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  | Carp up to 21"  |  | Carp over 21**  |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha<br>NOTE: Follow Lake Michigan Advisory on previous page for trout and salmon.   |   | Carp   |   |
| <b>LAKE SUPERIOR</b><br>NOTE: Also see advice for mercury-contaminated walleye in the St. Louis River, Douglas County, page 5.   | Lake trout up to 30"<br>Siscowett under 20"               |  | Lake trout over 30"<br>Siscowett over 20"   |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |   |  | Carp  |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake   | Northern pike   | Crappies<br>Bullheads  | Largemouth bass<br>Carp   |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp                              |  | Lake trout over 32"   |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)   |   |  | Carp<br>White bass  |

| <b>PCB and pesticide contamination in fish</b>  | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.            | <b>Group 3</b><br>No one should eat these fish.   |
|---|---|--|---|
| See page 7 for specific health advice on each group of fish.  |   |  |   |
| <b>WISCONSIN RIVER</b> from the Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  |   |  | Carp  |
| <b>WISCONSIN RIVER</b> at Wisconsin Dells to the Prairie du Sac Dam (includes Lake Wisconsin)   |   | Lake sturgeon  |   |
| See advice on mercury-contaminated fish in the Wisconsin River on pages 8 through 14 under Adams, Juneau, Lincoln, Sauk, and Wood Counties. |   |  |   |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin  | Drum<br>White bass<br>Carp up to 26"<br>Walleye<br>Flathead catfish up to 26"<br>Sauger<br>Buffalo up to 23"<br>NOTE: Also see additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties, pages 10 through 13. |  | Channel catfish<br>Buffalo over 23"<br>Carp over 26"<br>Flathead catfish over 26"   |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4).                      | Drum<br>Walleye<br>Sauger<br>White bass up to 13"<br>Flathead catfish up to 30"<br>Buffalo up to 18" (Pool 3)<br>Buffalo up to 20" (Pool 4)<br>Channel catfish up to 16" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Carp up to 21"                                       | Channel catfish 16" to 23" (Pool 3)<br>Channel catfish 21" to 23" (Pool 4) | White bass over 13"<br>Buffalo over 18" (Pool 3)<br>Buffalo over 20" (Pool 4)<br>Flathead catfish over 30"<br>Channel catfish over 23"<br>Carp over 21" |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)  | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"<br>Buffalo<br>Drum<br>Walleye<br>Sauger<br>White bass   | Carp over 24"<br>Channel catfish 21 to 25"                                 | Channel catfish over 25"  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Lynxville (Pools 7, 8, 9, 10 and 11)                               | Buffalo<br>Walleye<br>Crappie<br>Flathead catfish<br>Channel catfish up to 24"<br>Drum<br>White bass<br>Carp  | Channel catfish over 24"   |   |

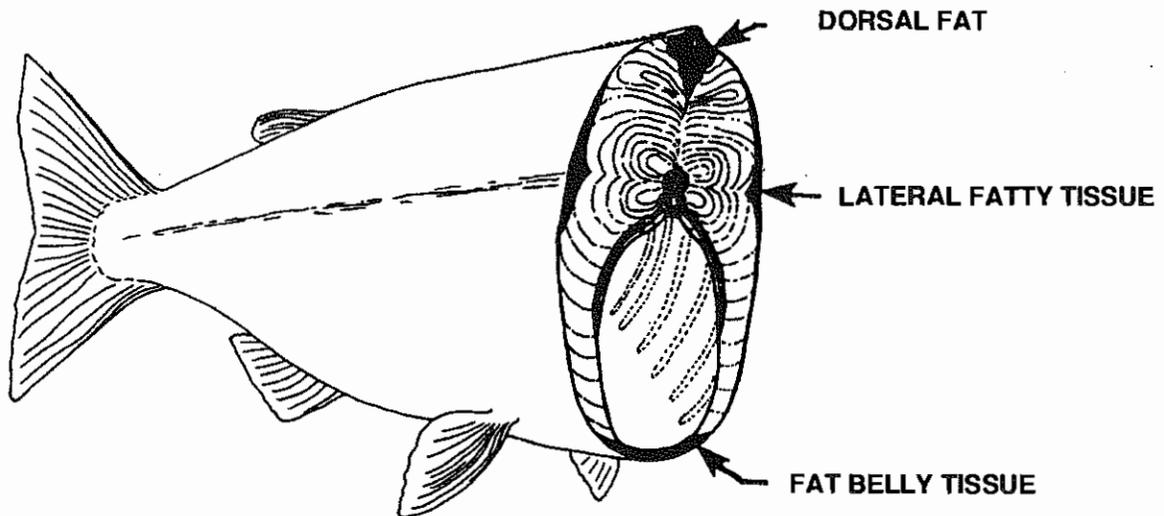
## HEALTH ADVICE for the charts on pages 4 - 6

**GROUP 1:** Ninety percent or more of tested Group 1 fish meet health standards. **EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.** Trim fat and skin from Group 1 fish before cooking and eating them.

**GROUP 2:** Fifty to ninety percent of tested Group 2 fish meet health standards. **CHILDREN UNDER 15, AND WOMEN OF CHILDBEARING AGE SHOULD NOT EAT GROUP 2 FISH.** You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Peterwell Flowage and Lake Superior elsewhere in this publication.)

**GROUP 3:** Less than fifty percent of tested Group 3 fish meet health standards. **NO ONE SHOULD EAT GROUP 3 FISH.**

\*Ninety percent or more of Group 3 fish marked with an asterisk (\*) contain contaminant levels exceeding one or more advisory levels.



## COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH

PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

- Remove all skin.
- Cut away the dark fat on top of the fish along its backbone.
- Slice off fat belly meat along the bottom of the fish.
- Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings.
- Fish may also be cooked in liquids, but discard the resulting broth.

# Mercury contamination in fish

## HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake is on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol “•” — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

## HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

**GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. Everyone else may eat unlimited amounts of Group 1 fish. Skin-on fillet samples average 0.5 ppm mercury or less.

**GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 2 fish. Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month. Skin-on fillet samples average 0.5 to 0.75 ppm mercury.

**GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 3 fish. Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month. Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.

**GROUP 4:** NO ONE SHOULD EAT GROUP 4 FISH. Skin-on fillet samples contain an average mercury level above 1.0 ppm.

- This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | 4     | •   |
| <b>ADAMS COUNTY</b>   |              |                    |       |       |       |       |       |       |     |
| <i>Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage) See Juneau, Lincoln, Sauk, and Wood Counties also.</i> | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| <i>Wisconsin R. from Castle Rock Dam down to Wisconsin Dells Dam</i>  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <i>Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Juneau, Lincoln Sauk, and Wood Counties also.</i>         | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>ASHLAND CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Bear Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Day Lake  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2   |
| Mineral Lake  | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Lake Three  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| Spillerberg Lake  | Y Perch      | 2                  | •     | •     | •     | •     | •     | •     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in April 1992.

LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch, BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker

| County/Water   | Fish Species     | Length (in inches) |       |       |       |       |       |       |         |
|--|------------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|  |                  | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>BARRON CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Bass Lake T33 R10W S34   | N Pike           | •                  | •     | •     | •     | •     | 2     | 2     | •       |
| Bear Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Beaver Dam Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Loon Lake  | Walleye          | •                  | •     | •     | 3     | 3     | •     | •     | •       |
| North Lake   | LM Bass          | •                  | •     | 2     | 2     | •     | •     | •     | •       |
| Red Cedar Lake   | Walleye          | 1                  | 1     | 1     | 2     | 2     | •     | •     | •       |
| Scott Lake T35 R14W S16  | Walleye          | •                  | •     | •     | •     | 3     | 3     | •     | •       |
| Silver Lake  | Walleye          | •                  | •     | 1     | 2     | 3     | 3     | •     | •       |
| Spring Lake  | Walleye          | •                  | •     | •     | 2     | 3     | •     | •     | •       |
| <b>BAYFIELD CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Bladder Lake   | Walleye          | •                  | •     | •     | 2     | •     | •     | •     | •       |
| Cisco Lake   | Walleye          | •                  | •     | •     | •     | 3     | •     | •     | •       |
| Long Lake T47 R8W S2   | Y Perch          | 1                  | 1     | 2     | •     | •     | •     | •     | •       |
|  | Walleye          | •                  | •     | •     | 2     | 3     | •     | •     | •       |
|  | LM Bass          | •                  | •     | 2     | •     | •     | •     | •     | •       |
| Long Lake T48 R5W S6   | LM Bass          | •                  | 2     | 3     | 4     | •     | •     | •     | •       |
|  | Y Perch          | 1                  | 2     | •     | •     | •     | •     | •     | •       |
| Namekagon Lake   | Walleye          | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •       |
| Owen Lake  | Walleye          | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •       |
| Perch Lake T45 R7W S5  | LM Bass          | 1                  | 1     | 2     | 2     | •     | •     | •     | •       |
| Siskiwit Lake  | Walleye          | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •       |
| Tahkodah Lake  | N Pike           | •                  | •     | •     | •     | 2     | 2     | 2     | •       |
|  | Lm Bass          | •                  | •     | 3     | 3     | 4     | •     | •     | •       |
|  | Sm Bass          | •                  | •     | 3     | •     | •     | •     | •     | •       |
|  | Walleye          | •                  | •     | •     | 4     | 4     | 4     | •     | •       |
| West Twin Lake   | LM Bass          | •                  | 1     | 2     | 3     | •     | •     | •     | •       |
|  | N Pike           | •                  | •     | •     | •     | •     | 3     | •     | •       |
| Pike Chain of Lakes<br>(Includes Buskey Bay, Millicent, Hart,<br>Twin, Bear, and Eagle Lakes)          | Walleye          | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •       |
| <b>BURNETT CO.</b>   |                  |                    |       |       |       |       |       |       |         |
| Johnson Lake T40 R16W S23  | LM Bass          | 1                  | 1     | 2     | 3     | 4     | •     | •     | •       |
|  | N Pike           | •                  | •     | •     | •     | 3     | 3     | •     | •       |
| North Sand Lake  | Walleye          | •                  | •     | •     | •     | •     | 2     | 3     | •       |
| Round Lake T37 R18W S27  | Walleye          | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Yellow Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| <b>CHIPPEWA CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Chippewa River, from the Chippewa Falls dam downstream to the county line. See Eau Claire County also. | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •       |
| Chippewa River, Chippewa Falls Flowage   | Sm Bass          | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|  | Walleye          | 1                  | 1     | 1     | 2     | 2     | •     | •     | •       |
| Chippewa River, Cornell Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Chippewa River, Holcombe Flowage   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Chippewa River, Lake Wissota   | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •       |
|  | N Pike           | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
|  | Flathead Catfish | •                  | •     | •     | •     | •     | 2     | 2     | 4       |
|  | Sturgeon         | •                  | •     | •     | •     | •     | •     | •     | 2(>50") |
| Chippewa River, Old Abe Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •       |
| Hemlock Lake   | N Pike           | •                  | •     | •     | •     | •     | 2     | 2     | •       |
| Horseshoe Lake T32 R8W S33   | Walleye          | •                  | •     | •     | •     | 4     | 4     | •     | •       |
| Howe Lake  | LM Bass          | 1                  | 1     | 1     | 3     | •     | •     | •     | •       |
| N. Shattuck Lake   | LM Bass          | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|  | N Pike           | •                  | •     | •     | •     | •     | 2     | 2     | 3       |
| Pine Lake  | N Pike           | •                  | •     | •     | •     | 2     | 2     | 3     | •       |
| Riley Lake   | Walleye          | •                  | •     | •     | •     | •     | 2     | 2     | •       |
| Round Lake T32 R9W S14   | Walleye          | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •       |
| Two Island Lake  | LM Bass          | •                  | •     | •     | 3     | •     | •     | •     | •       |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>CLARK CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Black River from Hwy. 29/73 bridge south to Lake Arbutus. See Jackson Co. also. | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | 4     | •   |
|   | N. Pike      | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4   |
| Mead Lake   | Walleye      | •                  | •     | •     | •     | 2     | 3     | 4     | •   |
| Rock Dam Lake   | LM Bass      | 1                  | 1     | 2     | •     | •     | •     | •     | •   |
| <b>CRAWFORD CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Kickapoo River near Steuben   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •   |
|   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •   |
| <b>DANE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Lake Monona   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | •   |
| Lake Waubesa  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •   |
| <b>DOUGLAS CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Amnicon Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |
| Bond Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Dowling Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Lyman Lake  | Walleye      | •                  | •     | 3     | 3     | 4     | 4     | •     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Minnesuing Lake   | Walleye      | 1                  | 1     | 1     | 3     | 3     | 3     | •     | •   |
|   | N Pike       | •                  | •     | •     | •     | 2     | •     | •     | •   |
| Minong Flowage - (See Washburn County Listing)                                  |              |                    |       |       |       |       |       |       |     |
| Nebagamon Lake  | Walleye      | •                  | •     | •     | 2     | 3     | •     | •     | •   |
| Red Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| St. Croix Flowage   | BL Crappie   | 1                  | 1     | 2     | •     | •     | •     | •     | •   |
|   | LM Bass      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| St. Louis River including Superior Harbor                                       | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | •   |
| Upper St. Croix Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | •     | •   |
|   | N. Pike      | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | •   |
| <b>DUNN CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Tainter Lake and Red Cedar River above Tainter Lake in Dunn Co.                 | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | 4     | •   |
| Red Cedar River above Hwy 64  | Sm Bass      | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |
| <b>EAU CLAIRE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Chippewa River above Dells Dam  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| <b>FLORENCE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Brule River at Paint River Pond   | Walleye      | 1                  | 1     | 2     | 3     | 4     | 4     | •     | •   |
| Emily Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| Sand Lake T38 R18E S21  | Walleye      | •                  | •     | •     | 3     | 4     | 4     | •     | •   |
| Sealion Lake  | Walleye      | •                  | •     | •     | •     | 3     | 3     | 3     | •   |
| <b>FOND DU LAC CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Forest Lake   | LM Bass      | 1                  | 1     | 2     | •     | •     | •     | •     | •   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| Long Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Mauthe Lake   | Y Perch      | 2                  | 2     | •     | •     | •     | •     | •     | •   |
|   | Walleye      | •                  | •     | •     | •     | 3     | •     | •     | •   |
| <b>FOREST CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Arbutus Lake  | Walleye      | •                  | •     | •     | •     | 3     | 3     | •     | •   |
| Deep Hole Lake  | Walleye      | •                  | •     | •     | 3     | 4     | 4     | •     | •   |
| Julia Lake  | Walleye      | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |
| Little Sand Lake  | LM Bass      | •                  | 2     | 3     | •     | •     | •     | •     | •   |
|   | N. Pike      | •                  | •     | •     | •     | •     | 3     | 3     | 4   |
|   | Walleye      | •                  | •     | •     | •     | •     | 4     | 4     | •   |
| Pine Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Van Zile Lake   | N Pike       | •                  | •     | •     | •     | •     | 4     | 4     | •   |
|   | LM Bass      | 2                  | 3     | 4     | 4     | •     | •     | •     | •   |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>IRON CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Bearskull Lake   | Walleye      | 1                  | 1     | 2     | 3     | 4     | •     | •     | •   |
| Cedar Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | •     | •   |
| Gile Flowage   | Walleye      | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |
| Island Lake T44 R1E S25  | Walleye      | 1                  | 1     | 1     | 3     | 4     | •     | •     | •   |
| Long Lake T44 R4E S32  | Walleye      | 1                  | 1     | 2     | 2     | 3     | •     | •     | •   |
| North Bass Lake  | LM Bass      | 2                  | 2     | 3     | 4     | •     | •     | •     | •   |
|  | Rock Bass    | 3                  | •     | •     | •     | •     | •     | •     | •   |
| Pine Lake  | Walleye      | •                  | •     | •     | 2     | •     | •     | •     | •   |
| Owl Lake   | Walleye      | •                  | 2     | 3     | 4     | 4     | 4     | •     | •   |
| Six Lake   | Rock Bass    | 2                  | •     | •     | •     | •     | •     | •     | •   |
|  | Y Perch      | 3                  | 3     | •     | •     | •     | •     | •     | •   |
| Turtle-Flambeau Flowage<br>(including Trude Lake)  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •   |
| <b>JACKSON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Black River  | Walleye      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4   |
| Lake Arbutus and backwaters  | CH Catfish   | •                  | •     | •     | •     | •     | •     | 4     | 4   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | 2   |
|  | SM Bass      | 1                  | 2     | 2     | 3     | 4     | •     | •     | •   |
|  | Walleye      | •                  | •     | •     | 2     | 3     | 4     | •     | •   |
|  | BL Crappie   | 1                  | 2     | •     | •     | •     | •     | •     | •   |
| Potter's Flowage   | LM Bass      | •                  | •     | 2     | 2     | 4     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Robert's Flowage   | LM Bass      | 1                  | 1     | 2     | 2     | 4     | •     | •     | •   |
|  | BL Crappie   | 2                  | •     | •     | •     | •     | •     | •     | •   |
| Upper Harkner Flowage  | BL Crappie   | 2                  | 3     | •     | •     | •     | •     | •     | •   |
|  | Y Perch      | 1                  | 2     | 2     | •     | •     | •     | •     | •   |
| <b>JUNEAU</b>  |              |                    |       |       |       |       |       |       |     |
| Lemonweir River at New Lisbon Flowage  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | •     | •   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Adams, Lincoln, Juneau, and Sauk Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| <b>JEFFERSON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| <b>LANGLADE CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | •                  | •     | •     | •     | •     | 3     | •     | •   |
| Deep Wood Lake   | LM Bass      | •                  | 2     | 2     | 3     | •     | •     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 3     | 3     | •     | •   |
| Greater Bass Lake  | LM Bass      | 2                  | 3     | 4     | 4     | 4     | •     | •     | •   |
| Lower Bass Lake  | LM Bass      | 1                  | 2     | 3     | 4     | •     | •     | •     | •   |
| Summit Lake  | LM Bass      | •                  | 2     | 2     | •     | •     | •     | •     | •   |
| <b>LINCOLN CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 3     | 3     | •     | •   |
| Deer Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Pesobic Lake   | Walleye      | •                  | •     | 2     | 3     | 3     | 3     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
| Seven Island Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Somo Lake  | Walleye      | •                  | •     | •     | 2     | 3     | •     | •     | •   |
|  | N Pike       | •                  | •     | •     | •     | 2     | 2     | •     | •   |
| Spirit River Flowage   | BL Crappie   | 1                  | 2     | •     | •     | •     | •     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Wisconsin River at Lake Alice. See Adams, Juneau, Sauk, and Wood Counties also.  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |         |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>MANITOWOC CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Bullhead Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| <b>MARATHON CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Big Eau Pleine Reservoir  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |
| Big Rib River from Marathon City down to Hwy. N   | Walleye      | 1                  | 1     | 1     | 2     | 2     | .     | .     | .       |
| Mayflower Lake  | Walleye      | .                  | .     | .     | 2     | 2     | 2     | .     | .       |
| <b>MARINETTE CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Lake Noquebay   | Walleye      | 1                  | 1     | 1     | 2     | 4     | 4     | .     | .       |
| Menominee River from Pier's Gorge through Sturgeon Falls Flowage                                    | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Menominee River at Lower Scott Flowage  | Rock Bass    | 2                  | .     | .     | .     | .     | .     | .     | .       |
|   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | .     | .       |
| Menominee River in Marinette County<br>See p. 4 for advice regarding Sturgeon below Lower Scott Dam | Sturgeon     | .                  | .     | .     | .     | .     | .     | .     | 2(>50") |
| Menominee River at White Rapids Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Peshtigo River at Peshtigo Flowage  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| Peshtigo River at Caldron Falls Flowage   | LM Bass      | .                  | .     | 1     | 2     | .     | .     | .     | .       |
|   | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .       |
|   | N Pike       | .                  | .     | .     | .     | 2     | 2     | .     | .       |
| Peshtigo River at High Falls Flowage  | Walleye      | 1                  | 1     | 2     | 2     | 4     | 4     | .     | .       |
| <b>MARQUETTE CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Buffalo Lake  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | 2     | 4       |
| <b>ONEIDA CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Bass Lake T39 R8E S31   | N Pike       | .                  | .     | .     | 1     | 2     | 3     | 3     | .       |
| Big Lake (T38 R11E S21)   | Walleye      | .                  | .     | 2     | 2     | 2     | 3     | .     | .       |
| Big Carr Lake   | Walleye      | .                  | .     | 2     | 2     | 3     | .     | .     | .       |
| Bird Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .       |
|   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .       |
| Currie Lake   | Walleye      | .                  | .     | 2     | 2     | 4     | .     | .     | .       |
|   | LM Bass      | .                  | .     | 2     | 2     | .     | .     | .     | .       |
| Foster Lake   | LM Bass      | 1                  | 1     | 3     | 4     | .     | .     | .     | .       |
| Franklin Lake   | LM Bass      | 1                  | 1     | 2     | 2     | .     | .     | .     | .       |
|   | SM Bass      | 1                  | 2     | 2     | 3     | .     | .     | .     | .       |
|   | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .       |
| Hemlock Lake  | Walleye      | 1                  | 1     | 1     | 4     | 4     | .     | .     | .       |
| Hodstradt Lake  | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .       |
| Jennie Webber Lake  | Walleye      | .                  | .     | .     | 1     | 3     | .     | .     | .       |
|   | N Pike       | .                  | .     | .     | .     | 1     | 2     | .     | .       |
| Lake Julia  | Walleye      | .                  | .     | .     | 2     | 2     | 3     | .     | .       |
| Long Lake T37 R7E S10   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | 4     | .       |
| Long Lake T39 R11E S8   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .       |
| McGrath Lake  | LM Bass      | .                  | 2     | 3     | 3     | .     | .     | .     | .       |
|   | Bluegill     | 2                  | .     | .     | .     | .     | .     | .     | .       |
|   | Y Perch      | 2                  | .     | .     | .     | .     | .     | .     | .       |
| Medicine Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .       |
| Moens Lake Chain (includes Moen's, Second, Third, Fourth and Fifth Lakes)                           | Walleye      | .                  | .     | 2     | 3     | 4     | 4     | .     | .       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 4     | .     | .       |
| Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| North Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | .     | .       |
| North Two Lake  | Walleye      | .                  | .     | .     | 2     | 3     | 3     | .     | .       |
| Pickerei Lake T39 R8E S7  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Rainbow Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | .       |
| Squaw Lake  | Walleye      | .                  | .     | 1     | 2     | .     | .     | .     | .       |
| Sugar Camp Chain of Lakes (includes Chain, Echo, Dam, Sand and Stone Lakes)                         | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | .     | .       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | 2       |
| Sugar Camp Lake   | SM Bass      | .                  | .     | 3     | 4     | 4     | .     | .     | .       |
|   | Walleye      | .                  | .     | .     | 4     | 4     | 4     | .     | .       |
|   | N Pike       | .                  | .     | .     | .     | .     | 3     | 3     | 4       |

| County/Water   | Fish Species | Length (In Inches) |       |       |       |       |       |       |         |  |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|---------|--|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |  |
| <b>ONEIDA CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| Thompson Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |  |
| Tomahawk Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |  |
| Upper Kaubashine Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |  |
| Willow Flowage   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .       |  |
|  | Walleye      | 1                  | 1     | 1     | 2     | 4     | .     | .     | .       |  |
| <b>PIERCE CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| St. Croix River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .       |  |
| <b>POLK CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| Pipe Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | .     | .     | .       |  |
| St. Croix River above St. Croix Falls dam  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |  |
| St. Croix River below St. Croix Falls dam  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .       |  |
| downstream to Mississippi R.   | White Bass   | .                  | .     | 2     | .     | .     | .     | .     | .       |  |
| Ward Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .       |  |
| <b>PRICE CO.</b>   |              |                    |       |       |       |       |       |       |         |  |
| Bass Lake T40 R2W S15  | Walleye      | .                  | .     | 3     | 4     | 4     | .     | .     | .       |  |
| Butternut Lake   | Walleye      | .                  | .     | 2     | 2     | 3     | .     | .     | .       |  |
| Crowley Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .       |  |
|  | Sm Bass      | .                  | .     | 2     | .     | .     | .     | .     | .       |  |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | .     | .       |  |
| Elk Lake   | Musky        | .                  | .     | .     | .     | .     | .     | .     | 3       |  |
| Lower Park Falls Flowage   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .       |  |
|  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |  |
| Long Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |  |
| Musser Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | .     | .       |  |
|  | Musky        | .                  | .     | .     | .     | .     | .     | .     | 3       |  |
| Newman Lake  | LM Bass      | .                  | .     | 2     | .     | .     | .     | .     | .       |  |
| North Fork Flambeau River and Flowages   | Musky        | .                  | .     | .     | .     | .     | .     | .     | (>32")3 |  |
| Pike Lake Chain (includes Amik, Pike, Round and Turner Lakes)  | Walleye      | 1                  | 1     | 2     | 2     | 3     | .     | .     | .       |  |
| Pixley Flowage   | Walleye      | .                  | .     | .     | 2     | 2     | 4     | .     | .       |  |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |  |
|  | SM Bass      | .                  | .     | 2     | .     | .     | .     | .     | .       |  |
| Solberg Lake   | Walleye      | 1                  | 1     | 2     | 3     | 3     | 4     | 4     | .       |  |
| Wilson Flowage   | N Pike       | .                  | .     | .     | .     | .     | .     | 2     | .       |  |
| <b>ROCK CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| Clear Lake   | LM Bass      | 1                  | 1     | 2     | .     | .     | .     | .     | .       |  |
| <b>RUSK CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| Dairyland Reservoir  | Walleye      | .                  | .     | 2     | 3     | 3     | .     | .     | .       |  |
| Fish Lake  | LM Bass      | .                  | 1     | 2     | 3     | 3     | .     | .     | .       |  |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |  |
| Perch Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .       |  |
| <b>SAUK CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| Devil's Lake   | Walleye      | .                  | 2     | 2     | 2     | 2     | 2     | 3     | .       |  |
| Wisconsin River below the Wisconsin Dells dam to Hwy 78 bridge (See Adams, Juneau, Lincoln and Wood Counties also) | Walleye      | 1                  | 1     | 1     | 2     | .     | .     | .     | .       |  |
|  | SM Bass      | 1                  | 1     | 1     | 1     | 3     | .     | .     | .       |  |
| <b>ST. CROIX CO.</b>   |              |                    |       |       |       |       |       |       |         |  |
| Bass Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |  |
| St. Croix River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .       |  |
| <b>SAWYER CO.</b>  |              |                    |       |       |       |       |       |       |         |  |
| Black Lake   | LM Bass      | 1                  | 1     | 2     | 2     | .     | .     | .     | .       |  |
|  | BL Crappie   | 1                  | 3     | 4     | .     | .     | .     | .     | .       |  |
|  | Musky        | .                  | .     | .     | .     | .     | .     | .     | 4       |  |
| Calahan-Mud Lake   | Musky        | .                  | .     | .     | .     | .     | .     | .     | 4       |  |
| Fishtrap Lake  | LM Bass      | 1                  | 1     | 2     | 3     | 3     | .     | .     | .       |  |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |  |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>SAWYER CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Ghost Lake  | Walleye      | •                  | •     | •     | •     | 4     | •     | •     | •   |
| Lake Loretta  | LM Bass      | 1                  | 1     | 2     | 3     | 4     | •     | •     | •   |
| Moose Lake  | Walleye      | 1                  | 1     | 2     | 3     | 3     | 3     | •     | •   |
| Two Axe Lake  | LM Bass      | •                  | •     | 2     | 2     | •     | •     | •     | •   |
| Windigo Lake  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 3     | •   |
|   | Walleye      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •   |
| Winter Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2   |
| <b>SHAWANO CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Cloverleaf Chain of Lakes (includes Pine, Grass and Round Lakes) T26N R15E S33 & 34 | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Shawano Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| Wolf River below Shawano Dam down to State Highway 156                              | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| <b>SHEBOYGAN CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Crystal Lake  | LM Bass      | 1                  | 1     | 1     | 2     | 2     | •     | •     | •   |
|   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| <b>TAYLOR CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Black River below Medford in Taylor County  | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
|   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |
| Chequamegon Waters  | LM Bass      | 1                  | 1     | 1     | 4     | •     | •     | •     | •   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 1     | 2   |
| Diamond Lake  | Walleye      | •                  | •     | •     | 2     | 2     | 2     | •     | •   |
| Richter Lake  | LM Bass      | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |
| Sackett Lake  | LM Bass      | •                  | •     | 2     | 3     | •     | •     | •     | •   |
|   | Walleye      | •                  | •     | •     | 3     | 4     | •     | •     | •   |
| South Harper Lake   | Walleye      | •                  | •     | 2     | 2     | 3     | 4     | •     | •   |
| <b>TREMPEALEAU CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Marinuka Lake   | LM Bass      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| Black River   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | 3     | •   |
| <b>VILAS CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Ballard Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •   |
| Birch Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | •     | •   |
| Boulder Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Camp Lake   | LM Bass      | 1                  | 1     | 2     | 4     | •     | •     | •     | •   |
| Dead Pike Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| Eagle Lake T40 R10E S22   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | •     | •   |
| Forest Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Irving Lake   | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •   |
| Jag Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •   |
|   | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
| Long Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| North Turtle Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| North Twin Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Oswego Lake   | N Pike       | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
| Pioneer Lake  | Walleye      | 1                  | 1     | 2     | 2     | 3     | 3     | •     | •   |
| Rock Lake   | Walleye      | •                  | •     | 1     | 1     | 3     | •     | •     | •   |
| Shannon Lake  | LM Bass      | 1                  | 1     | 2     | 4     | 4     | •     | •     | •   |
| Trout Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | 4     | 4   |
| Upper Buckatabon  | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| White Birch Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •   |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>WASHBURN CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Harmon Lake  | LM Bass      | 1                  | 1     | 1     | 2     | .     | .     | .     | .   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | .   |
| Minong Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Shell Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Silver Lake  | LM Bass      | 1                  | 1     | 1     | 2     | .     | .     | .     | .   |
| <b>WASHINGTON CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Pike Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 3     | .     | .   |
| <b>WAUPACA CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Columbia Lake  | LM Bass      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| <b>WAUSHARA CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Big Hills Lake   | Walleye      | .                  | .     | .     | .     | 2     | .     | .     | .   |
| Kusel Lake   | Walleye      | .                  | .     | .     | 2     | 2     | .     | .     | .   |
| <b>WINNEBAGO CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Lake Winneconne on the Wolf River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |
| <b>WOOD CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |

## COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. **You cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.**

NOTE: If you catch fish from **both** Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

| Monthly Consumption                                     |  |
|---|--|
| If you eat this many Group 2 fish meals in one month... | eat no more than this many Group 3 fish meals that same month: |
| 0.....  | 7  |
| 2.....  | 6  |
| 4.....  | 5  |
| 6.....  | 4  |
| 8.....  | 3  |
| 10.....   | 2  |
| 12.....   | 1  |
| 13.....   | 0  |

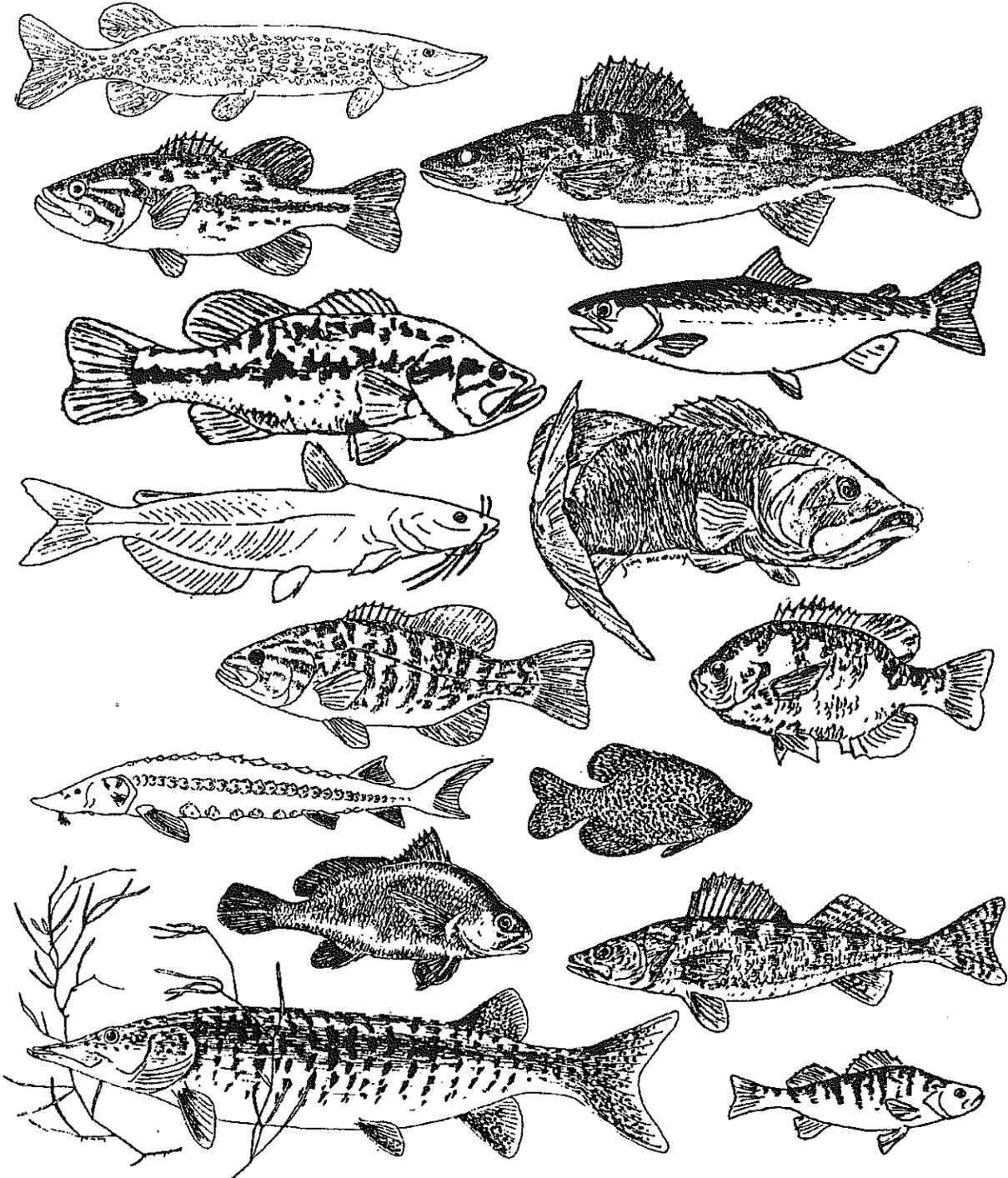
| Annual Consumption  |   |
|---|---|
| If you eat this many... Group 2 fish meals in one year... | eat no more than this many Group 3 fish meals that same year: |
| 0.....  | 13  |
| 2.....  | 12  |
| 4.....  | 11  |
| 6.....  | 10  |
| 8.....  | 9   |
| 10.....   | 8   |
| 12.....   | 7   |
| 14.....   | 6   |
| 16.....   | 5   |
| 18.....   | 4   |
| 20.....   | 3   |
| 22.....   | 2   |
| 24.....   | 1   |
| 26.....   | 0   |



# Health Guide

April 1994

for people who eat sport fish from Wisconsin waters



## Important health information

This guide provides anglers and consumers with advice for eating Wisconsin sport fish which contain unhealthy levels of environmental contaminants. To protect your health, use this guide to choose which sizes and species of Wisconsin sport fish contain the lowest contaminant levels.

The guide covers fish in the Great Lakes and Mississippi River as well as fish caught from inland lakes and rivers.

Wisconsin's fish advisory is revised each April and October to provide consumers with up-to-date health information. The guide is produced as a public health service by the Wisconsin Department of Natural Resources (DNR) and the Department of Health and Social Services (H&SS). Wisconsin has issued a fish advisory since 1976.

## Fish sampling

DNR staff collect fish using nets or electroshocking devices. The fish are wrapped, labeled, frozen and shipped to an agency laboratory in Madison, where they are thawed and filleted. Fillets (with skin left on) are finely ground, placed in labeled jars, frozen and sent to a laboratory for contaminant analysis. H&SS establishes appropriate health advice after reviewing fish contaminant test results with DNR. The agencies then issue this advice to the public.

Note: Whole fish are not used as the basis for Wisconsin's sport fish consumption advisory, as some people mistakenly believe.

## Fish testing sites

Wisconsin's fish collection and testing program is frequently adjusted

to meet changing needs. New lakes and rivers are tested each year, along with some previously-tested waters to determine trends in contaminant levels.

Nearly 15,000 lakes are located within Wisconsin, which also features thousands of miles of rivers and streams as well as Lakes Michigan and Superior and the Mississippi River. Since it is too expensive for the state to test fish from every Wisconsin water, the state focuses its sampling program in:

- waters where there is a known or suspected pollution source
- lakes that may be susceptible to mercury contamination
- popular angling waters
- waters where long-term contaminant trends in fish are being observed.

Citizens are welcome to find out whether fish from a particular water have been tested. Call or write the DNR Bureau of Water Resources Management, P.O. Box 7921, Madison, WI 53707, (608) 267-7610 or contact DNR district offices in Spooner, Rhinelander, Green Bay, Milwaukee, Fitchburg (Dane County) and Eau Claire.

## Contaminants found in fish

Wisconsin tests sport fish for the following contaminants: PCBs (polychlorinated biphenyls), DDT, toxaphene, chlordane, dieldrin, mercury and dioxin. Health standards or action levels have been established for each of these substances (see box). Wisconsin uses these standards as a basis for issuing health advice to the public and recommends ways to reduce exposure to contaminated sport fish.

Contaminant residues in sport fish vary in concentration depending on fish species, size, age, fat content, diet, location and type of contaminant. For example, large, old lake trout in Lake Michigan are high in fat and contain relatively high PCB levels (PCBs accumulate in fat). In contrast, smaller, leaner, shorter-lived species such as perch contain very low or undetectable PCB levels.

Inland Wisconsin sport fish are much more likely to contain mercury than Great Lakes or Mississippi River sport fish, which are more likely to contain PCBs. Walleyes and other larger, older predator fish often contain relatively high mercury levels compared to smaller, younger fish of the same species and from the same lake or river.

Other known fish contaminants, such as toxaphene, dieldrin and DDT, are not as commonly found in Wisconsin sport fish as PCBs and mercury.

## Health risks

PCBs and mercury pose different health threats to humans:

### PCBs

High consumption of PCB-contaminated sport fish has been linked to developmental and growth problems in infants born to women who regularly ate contaminated fish.

PCBs also are suspected of posing a long-term risk of cancer to people who regularly eat fish that contain PCBs.

PCBs stay stored in body fat many years, and may not pose a health risk until years after exposure. Follow the advice in this Health Guide to minimize lifetime build-up of PCBs that might be present in sport fish, regardless of your age, sex or physical status.

## Mercury

Mercury, unlike PCBs, poses a short-term health risk to people who frequently eat fish that contain this contaminant. The human health effects of mercury are better known than for PCBs. Mercury affects the human nervous system, and thus can harm your ability to feel, see, taste and move.

Because the human body can eliminate mercury over time, occasional fish eaters face a lower health risk than people who frequently eat mercury-contaminated fish. Human fetuses and pregnant women, however, are more sensitive to mercury than other people. Whatever your age or physical status, follow the fish advisory recommendations to protect yourself from mercury exposure.

## Environmental protection efforts underway

Wisconsin regulates the discharge of PCBs, mercury and other toxic substances into the air or water. Wisconsin also has rules to limit the air pollutants which produce acid rain. Because acid rain in our lakes may increase mercury uptake in fish, improving air quality will help solve this problem. The state also is taking steps to clean up contaminated river sediment at a number of sites to reduce the uptake of contaminants by sport fish.

## Science aids knowledge

Scientific and medical understanding of how contaminants in sport fish affect human health has grown greatly since Wisconsin issued its first fish advisory in the 1970s. The advice in this pamphlet has changed many times since then to reflect this growth in knowledge. You can expect to see more changes in this advisory in the future that will help you make better, more informed decisions about eating sport fish from Wisconsin waters.

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## PCB FACTS

- Generally found in the Great Lakes, their tributaries and Mississippi River
- PCBs once used as fire retardants and in many other products
- PCB production banned in 1976 to protect public health, but PCBs still widely distributed in the environment
- Highest PCB levels in Wisconsin usually found in the largest salmon, lake trout and carp from Green Bay, Lake Michigan and tributaries
- PCBs build up in the fat of fish, birds, humans and other organisms
- Panfish (perch, etc.) usually contain low or undetectable PCB levels
- PCBs are a suspected animal carcinogen; research shows PCBs impair reproduction in some animals
- PCBs linked to developmental and growth problems in children born to women who regularly ate Great Lakes fish
- AVOID EXPOSURE TO PCBs by eating smaller, leaner fish; remove all traces of skin and fat before cooking (fat holds the PCBs). If you're pregnant, nursing an infant or under 15, avoid eating some fish (see guide for specific advice).

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## MERCURY FACTS

- Generally found in inland Wisconsin lakes and some rivers
- Emitted from coal-burning, paint and mixed-waste incineration, or discharged in pre-1970s industrial wastewater effluent. Acid rain may release mercury into lakewater and contaminate sport fisheries.
- Converted by bacteria dwelling in lake sediment into a chemical form readily absorbed by fish
- Highest levels found in large, old walleyes in lakes from all parts of the state; high levels found less frequently in larger northern pike and large-mouth bass
- Panfish (bluegill, perch, rock bass, crappie) generally contain low or undetectable levels
- Mercury is stored in the fillet, or muscle, portion of a fish, not the fat; removing fat or skin from these fish will not lower mercury levels
- Mercury harms the human central nervous system; may affect body movement and senses of touch, taste and sight
- Health effects generally reversible if mild exposure halted; human body can eliminate half its mercury burden every 70 days
- AVOID EXPOSURE TO MERCURY by following advice in this Health Guide, especially if you are pregnant, under 15 or frequently eat sport fish that might contain mercury. Remember that in general, panfish contain lower mercury levels than large, predator fish.

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### U.S. Food & Drug Administration and Wisconsin Division of Health Standards for Contaminants Commonly Found in Sport Fish

|              |                           |                 |                       |
|--------------|---------------------------|-----------------|-----------------------|
| PCBs .....   | 2 parts per million (ppm) | Chlordane ..... | 0.3 ppm               |
| DDT .....    | 5 ppm                     | Dieldrin .....  | 0.3 ppm               |
| Toxaphene .. | 5 ppm                     | Mercury .....   | 0.5 ppm               |
|              |                           | Dioxin .....    | 10 parts per trillion |

SOURCE: Wisconsin Division of Health and Wisconsin Department of Natural Resources April, 1994

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# Health guide for people who eat sport fish from Wisconsin waters

This publication explains which sport fish species in Wisconsin lakes and rivers do not meet health standards for a number of toxic pollutants. It describes health precautions you should consider before you decide to eat fish you've caught from waters where contaminants pose a problem.

It's important to note that this guide features two different sets of health advice: one for fish contaminated with PCBs and pesticide (pages 4 - 7), and another for fish contaminated with mercury (pages 8 through 15). Generally, people who should take the most precautions are children aged 15 or less and women who intend to have children.

| PCB and pesticide contamination in fish   | Group 1<br>These fish pose the lowest health risk.  | Group 2<br>Women and children should not eat these fish.  | Group 3<br>No one should eat these fish.   |
|---|---|---|--|
|   | See page 7 for specific health advice on each group of fish.  |   |  |
| <b>LAKE MICHIGAN</b>  | Lake trout up to 20"<br>Coho salmon up to 26"<br>Chinook salmon up to 21"<br>Brook trout<br>Rainbow trout<br>Pink salmon<br>Smelt<br>Perch  | Lake trout 20 to 23"<br>Coho salmon over 26"<br>Chinook salmon 21 to 32"<br>Brown trout up to 23" | Lake trout over 23**<br>Chinook salmon over 32"<br>Brown trout over 23"<br>Carp<br>Catfish   |
| <b>GREEN BAY</b> south of Marinette and its tributaries (except the Lower Fox River), including the <b>Menominee, Oconto, and Peshtigo Rivers</b> , from their mouths up to the first dam | Rainbow trout up to 22"<br>Chinook salmon up to 25"<br>Brook trout up to 15"<br>Smallmouth bass<br>Northern pike up to 28"<br>Walleye up to 20"<br>Perch<br>Brown trout up to 12"<br>Bullhead<br>White sucker | Splake up to 16"  | Rainbow trout over 22"<br>Chinook salmon over 25"<br>Brown trout over 12"<br>Brook trout over 15"<br>Carp*<br>Splake over 16"<br>Northern pike over 28"<br>Walleye over 20**<br>White bass<br>Sturgeon |
| <b>LOWER FOX RIVER</b> from its mouth at Green Bay up to the DePere Dam   | Walleye up to 15"   | Northern pike<br>White sucker<br>Walleye 15 to 18"  | White bass*<br>Walleye over 18"<br>Carp*<br>Drum*<br>Channel Catfish*  |
| <b>LOWER FOX RIVER</b> from the DePere Dam up to the Neenah-Menasha Dam   | Walleye up to 15"<br>White bass<br>Northern pike<br>Perch<br>White sucker   | Walleyes over 15"<br>Bullheads  | Carp over 17"  |
| <b>EAST AND WEST TWIN RIVERS</b> from their mouths up to the first dam<br>NOTE: Follow Lake Michigan advisory above for trout and salmon.   | Perch<br>Northern pike<br>Crappie<br>Smallmouth bass  |   | Carp<br>Catfish*   |
| <b>MANITOWOC RIVER</b> from its mouth up to the dam at Clarks Mills   |   |   | Catfish*   |
|   | NOTE: Follow Lake Michigan advisory above for trout and salmon.   |   |  |
| <b>MANITOWOC RIVER</b> and its tributaries from Chilton to Clarks Mills (including the Pine Creek and Killsnake River)  |   |   | All Species  |
|   |   |   |  |

| <b>PCB and pesticide contamination in fish</b>   | <b>Group 1</b><br>These fish pose the lowest health risk. | <b>Group 2</b><br>Women and children should not eat these fish.                  | <b>Group 3</b><br>No one should eat these fish.   |
|--|---|--|---|
| See page 7 for specific health advice on each group of fish.   |   |  |   |
| <b>SHEBOYGAN RIVER</b> in Sheboygan County from the dam at Sheboygan Falls to the Coast Guard station in the City of Sheboygan, including <b>Greendale and Weedens Creek</b>   | Coho salmon up to 26"<br>Chinook salmon up to 21"         | Rainbow trout<br>Brook trout<br>Coho salmon over 26"<br>Chinook salmon 21 to 32" | Bluegill<br>Crappie<br>Rock bass*<br>Carp*<br>Smallmouth bass*<br>Walleye*<br>Northern pike*<br>Brown trout<br>Cattfish*<br>Chinook salmon 32 to 35"<br>Chinook salmon over 35" |
| <b>MILWAUKEE RIVER</b> in Milwaukee County (includes <b>Milwaukee Harbor</b> ) from its mouth up to the North Avenue dam, including the <b>Kinnickinnic and Menomonee Rivers</b><br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon. | Perch   |  | Crappie<br>Northern pike<br>Carp*<br>Redhorse<br>Smallmouth bass<br>White Sucker  |
| <b>MILWAUKEE RIVER</b> from the North Avenue dam in Milwaukee County upstream to the Lime Kiln Dam at Grafton (Ozaukee County)   | Rock bass up to 8.5"                                      | Redhorse   | Northern pike<br>Carp   |
| <b>CEDAR CREEK</b> from the Milwaukee River up to bridge Road in the Village of Cedarburg including Zeunert Pond   |   |  | All species*  |
| <b>ROOT RIVER</b> in Racine County from its mouth upstream to the Horlick Dam in the City of Racine<br>NOTE: Follow Lake Michigan advisory on previous page for trout and salmon.  | Carp up to 21"  |  | Carp over 21"   |
| <b>PIKE RIVER</b> in Kenosha County from its mouth up to Carthage College in the City of Kenosha<br>NOTE: Follow Lake Michigan Advisory on previous page for trout and salmon.   |   | Carp   |   |
| <b>LAKE SUPERIOR</b><br>NOTE: Also see advice for mercury-contaminated walleye in the St. Louis River, Douglas County, page 5.   | Lake trout up to 30"<br>Siscowett under 20"               | Lake trout over 30"<br>Siscowett over 20"  |   |
| <b>UPPER FOX RIVER</b> above Swan Lake in Columbia County downstream to Portage  |   |  | Carp  |
| <b>UPPER FOX RIVER</b> from Portage in Columbia County north to but not including Buffalo Lake   | Northern pike   | Crappies<br>Bullheads  | Largemouth bass<br>Carp   |
| <b>BIG GREEN LAKE</b> in Green Lake County   | Lake trout under 32"<br>Carp                              |  | Lake trout over 32"   |
| <b>WISCONSIN RIVER</b> from the Nekoosa Dam to the Petenwell Dam (Petenwell Flowage)   |   |  | Carp<br>White bass  |

| <b>PCB and pesticide contamination in fish</b>   | <b>Group 1</b><br>These fish pose the lowest health risk.   | <b>Group 2</b><br>Women and children should not eat these fish.            | <b>Group 3</b><br>No one should eat these fish.   |
|--|---|--|---|
| See page 7 for specific health advice on each group of fish.   |   |  |   |
| <b>WISCONSIN RIVER</b> from the Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)                                 |   |  | Carp  |
| <b>WISCONSIN RIVER</b> at Wisconsin Dells to the Prairie du Sac Dam (includes Lake Wisconsin)                          | See advice on mercury-contaminated fish in the Wisconsin River on pages 8 through 14 under Adams, Juneau, Lincoln, Sauk, and Wood Counties.   |  |   |
| <b>ST. CROIX RIVER</b> from Stillwater, Minnesota, to the Mississippi River at Prescott, Wisconsin                     | Drum<br>White bass<br>Carp up to 26"<br>Walleye<br>Flathead catfish up to 26"<br>Sauger<br>Buffalo up to 23"<br>NOTE: Also see additional advice for mercury-contaminated fish in the St. Croix River under Douglas, Pierce, Polk, and St. Croix Counties, pages 10 through 13. |  | Channel catfish<br>Buffalo over 23"<br>Carp over 26"<br>Flathead catfish over 26"   |
| <b>MISSISSIPPI RIVER</b> off Pierce and Pepin Counties from Prescott down to and including Lake Pepin (Pools 3 and 4). | Drum<br>Walleye<br>Sauger<br>White bass up to 13"<br>Flathead catfish up to 30"<br>Buffalo up to 18" (Pool 3)<br>Buffalo up to 20" (Pool 4)<br>Channel catfish up to 16" (Pool 3)<br>Channel catfish up to 21" (Pool 4)<br>Carp up to 21"                                       | Channel catfish 16" to 23" (Pool 3)<br>Channel catfish 21" to 23" (Pool 4) | White bass over 13"<br>Buffalo over 18" (Pool 3)<br>Buffalo over 20" (Pool 4)<br>Flathead catfish over 30"<br>Channel catfish over 23"<br>Carp over 21" |
| <b>MISSISSIPPI RIVER</b> from below the dam at Alma to the dam at Trempealeau (Pools 5, 5A, and 6)                     | Flathead catfish<br>Carp up to 24"<br>Channel catfish up to 21"<br>Buffalo<br>Drum<br>Walleye<br>Sauger<br>White bass   | Carp over 24"<br>Channel catfish 21 to 25"                                 | Channel catfish over 25"  |
| <b>MISSISSIPPI RIVER</b> from below the dam at Trempealeau to the dam at Lynxville (Pools 7, 8, 9, 10 and 11)          | Buffalo<br>Walleye<br>Crappie<br>Flathead catfish<br>Channel catfish up to 24"<br>Drum<br>White bass<br>Carp  | Channel catfish over 24"   |   |

## HEALTH ADVICE for the charts on pages 4 - 6

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**GROUP 1:** Ninety percent or more of tested Group 1 fish meet health standards. **EATING GROUP 1 FISH POSES THE LOWEST HEALTH RISK.** Trim fat and skin from Group 1 fish before cooking and eating them.

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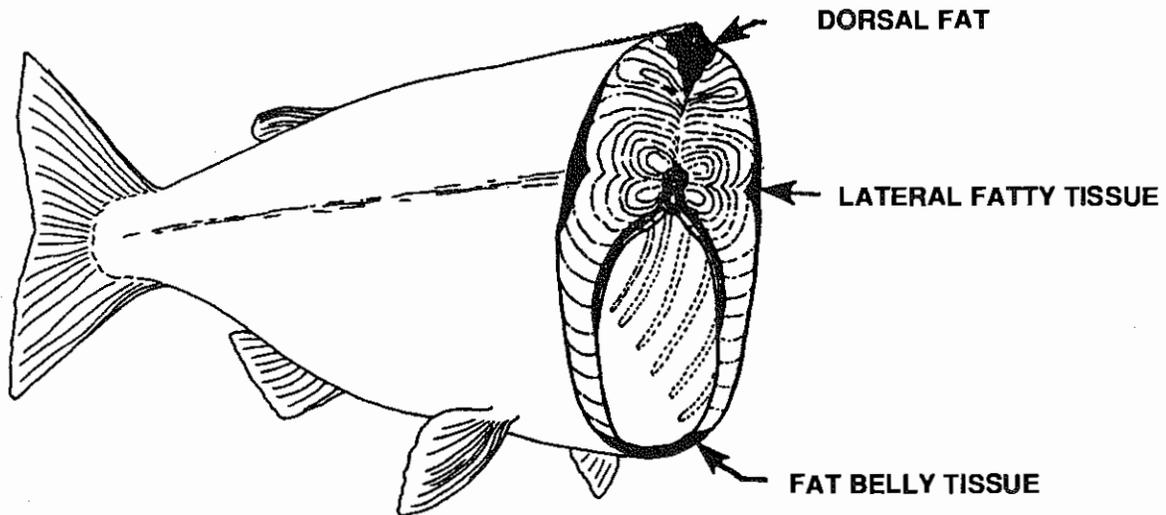
**GROUP 2:** Fifty to ninety percent of tested Group 2 fish meet health standards. **CHILDREN UNDER 15, AND WOMEN OF CHILDBEARING AGE SHOULD NOT EAT GROUP 2 FISH.** You should also limit your overall consumption of other Group 2 fish, and trim skin and fat from these fish before cooking and eating them. (NOTE: See specific health advice for mercury-contaminated fish in the Petenwell Flowage and Lake Superior elsewhere in this publication.)

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**GROUP 3:** Less than fifty percent of tested Group 3 fish meet health standards. **NO ONE SHOULD EAT GROUP 3 FISH.**

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\*Ninety percent or more of Group 3 fish marked with an asterisk (\*) contain contaminant levels exceeding one or more advisory levels.



## COOKING, CLEANING, AND EATING PCB-CONTAMINATED FISH

PCBs and many pesticides usually build up in a fish's fat deposits and just underneath the skin rather than in muscle tissue. By removing the fat and skin before you cook and eat these fish (see directions below), you can reduce PCB and pesticide levels, though not always enough to meet health standards.

To reduce PCBs in fish you catch:

- Remove all skin.
- Cut away the dark fat on top of the fish along its backbone.
- Slice off fat belly meat along the bottom of the fish.
- Cut away the dark, V-shaped wedge of fat located along the lateral line on each side of the fish.
- Bake or broil skinned, trimmed fish on a rack or grill so more fat drips off. Discard any drippings.
- Fish may also be cooked in liquids, but discard the resulting broth.

# Mercury contamination in fish

## HOW TO USE THE MERCURY ADVISORY

1. Measure each fish you catch from the tip of its nose to the end of its tail.
2. Look at the list of lakes that begins below, which names all Wisconsin waters that are subject to a health advisory for mercury in fish. See if the lake you caught your fish from is on the list. If it isn't, then DNR hasn't tested fish in your lake, or tested fish meet health standards. (Data on tested lakes is available from water resources staff specialists in DNR district offices.)
3. If your lake is on the list, check to see what health advice corresponds to the mercury content of the fish you caught. Do this by finding the number — either 1, 2, 3, or 4 or the symbol "\*" — in the list that corresponds to the size and species of your fish and the lake and county in which you caught it. Match that number to the group number below (GROUP 1, GROUP 2, etc.) to find out whether you should eat the fish you caught and how often.

## HEALTH ADVICE FOR MERCURY CONTAMINATED FISH

**GROUP 1:** Pregnant women should eat no more than one meal a month of Group 1 fish. *Everyone else may eat unlimited amounts of Group 1 fish. Skin-on fillet samples average 0.5 ppm mercury or less.*

**GROUP 2:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 2 fish. *Everyone else should eat no more than 26 meals of Group 2 fish a year. Eat no more than 13 of these 26 meals in any one month. Space the remaining 13 meals over the rest of the year at the rate of one or two meals a month. Skin-on fillet samples average 0.5 to 0.75 ppm mercury.*

**GROUP 3:** Pregnant or breastfeeding women, women who plan to have children, and children under 15 should not eat Group 3 fish. *Everyone else should eat no more than 13 meals of Group 3 fish a year. Eat no more than 7 of these 13 meals in any one month, and space the remaining 6 meals over the rest of the year at a rate of one meal a month. Skin-on fillet samples contain an average of 0.75 to 1.0 ppm mercury.*

**GROUP 4:** NO ONE SHOULD EAT GROUP 4 FISH. Skin-on fillet samples contain an average mercury level above 1.0 ppm.

- This symbol means not enough information on a particular size and species of fish was available to issue health advice.

| County/Water   | Fish Species | Length (In inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| Lake Superior  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | 4     | •   |
| <b>ADAMS COUNTY</b>  |              |                    |       |       |       |       |       |       |     |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage) See Juneau, Lincoln, Sauk, and Wood Counties also. | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |
| Wisconsin R. from Castle Rock Dam down to Wisconsin Dells Dam  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Juneau, Lincoln Sauk, and Wood Counties also.         | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>ASHLAND CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Bear Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Day Lake   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2   |
| Mineral Lake   | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |
| Lake Three   | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| Spillerberg Lake   | Y Perch      | 2                  | •     | •     | •     | •     | •     | •     | •   |
|  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3   |

NOTE: Italicized information indicates new additions or adjustments to advisory since last advisory was issued in April 1992.

LM Bass = Largemouth bass, SM Bass = Smallmouth bass, N Pike = Northern pike, Y Perch = Yellow perch, BL Crappie = Black crappie, CH Catfish = Channel catfish, W Sucker = White sucker

| County/Water   | Fish Species     | Length (in inches) |       |       |       |       |       |       |         |
|--|------------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|  |                  | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>BARRON CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Bass Lake T33 R10W S34   | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | .       |
| Bear Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Beaver Dam Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| Echo Lake  | N Pike           | .                  | .     | .     | 1     | 2     | 2     | .     | .       |
| Loon Lake  | Walleye          | .                  | .     | .     | 3     | 3     | .     | .     | .       |
| North Lake   | LM Bass          | .                  | .     | 2     | 2     | .     | .     | .     | .       |
| Red Cedar Lake   | Walleye          | 1                  | 1     | 1     | 2     | 2     | .     | .     | .       |
| Scott Lake T35 R14W S16  | Walleye          | .                  | .     | .     | .     | 3     | 3     | .     | .       |
| Silver Lake  | Walleye          | .                  | .     | 1     | 2     | 3     | 3     | .     | .       |
| Spring Lake  | Walleye          | .                  | .     | .     | 2     | 3     | .     | .     | .       |
| Sylvan Lake  | LM Bass          | .                  | .     | 1     | 2     | .     | .     | .     | .       |
| <b>BAYFIELD CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Bladder Lake   | Walleye          | .                  | .     | .     | 2     | .     | .     | .     | .       |
| Cisco Lake   | Walleye          | .                  | .     | .     | .     | 3     | .     | .     | .       |
| Long Lake T47 R8W S2   | Y Perch          | 1                  | 1     | 2     | .     | .     | .     | .     | .       |
|  | Walleye          | .                  | .     | .     | 2     | 3     | .     | .     | .       |
|  | LM Bass          | .                  | .     | 2     | .     | .     | .     | .     | .       |
| Long Lake T48 R5W S6   | LM Bass          | .                  | 2     | 3     | 4     | .     | .     | .     | .       |
|  | Y Perch          | 1                  | 2     | .     | .     | .     | .     | .     | .       |
| Namekagon Lake   | Walleye          | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .       |
| Owen Lake  | Walleye          | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .       |
| Perch Lake T45 R7W S5  | LM Bass          | 1                  | 1     | 2     | 2     | .     | .     | .     | .       |
| Siskiwit Lake  | Walleye          | 1                  | 1     | 1     | 2     | 3     | 4     | .     | .       |
| Tahkodah Lake  | N Pike           | .                  | .     | .     | .     | 2     | 2     | 2     | .       |
|  | Lm Bass          | .                  | .     | 3     | 3     | 4     | .     | .     | .       |
|  | Sm Bass          | .                  | .     | 3     | .     | .     | .     | .     | .       |
|  | Walleye          | .                  | .     | .     | 4     | 4     | 4     | .     | .       |
| West Twin Lake   | LM Bass          | .                  | 1     | 2     | 3     | .     | .     | .     | .       |
|  | N Pike           | .                  | .     | .     | .     | .     | 3     | .     | .       |
| Pike Chain of Lakes (Includes Buskey Bay, Millicent, Hart, Twin, Bear, and Eagle Lakes)                | Walleye          | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | .       |
| <b>BURNETT CO.</b>   |                  |                    |       |       |       |       |       |       |         |
| Johnson Lake T40 R16W S23  | LM Bass          | 1                  | 1     | 2     | 3     | 4     | .     | .     | .       |
|  | N Pike           | .                  | .     | .     | .     | 3     | 3     | .     | .       |
| North Sand Lake (T40 R15W S25)   | Walleye          | .                  | .     | .     | .     | .     | 2     | 3     | .       |
| Round Lake T37 R18W S27  | Walleye          | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Yellow Lake  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| <b>CHIPPEWA CO.</b>  |                  |                    |       |       |       |       |       |       |         |
| Chippewa River, from the Chippewa Falls dam downstream to the county line. See Eau Claire County also. | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |
| Chippewa River, Chippewa Falls Flowage   | Sm Bass          | 1                  | 1     | 1     | 2     | .     | .     | .     | .       |
|  | Walleye          | 1                  | 1     | 1     | 2     | 2     | .     | .     | .       |
| Chippewa River, Cornell Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Chippewa River, Holcombe Flowage   | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Chippewa River, Lake Wissota   | Walleye          | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |
|  | N Pike           | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .       |
|  | Flathead Catfish | .                  | .     | .     | .     | .     | 2     | 2     | 4       |
|  | Sturgeon         | .                  | .     | .     | .     | .     | .     | .     | 2(>50") |
| Chippewa River, Old Abe Flowage  | Walleye          | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Hemlock Lake   | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | .       |
| Horseshoe Lake T32 R8W S33   | Walleye          | .                  | .     | .     | .     | 4     | 4     | .     | .       |
| Howe Lake  | LM Bass          | 1                  | 1     | 1     | 3     | .     | .     | .     | .       |
| N. Shattuck Lake   | LM Bass          | 1                  | 1     | 1     | 2     | .     | .     | .     | .       |
|  | N Pike           | .                  | .     | .     | .     | .     | 2     | 2     | 3       |
| Pine Lake  | N Pike           | .                  | .     | .     | .     | 2     | 2     | 3     | .       |
| Riley Lake   | Walleye          | .                  | .     | .     | .     | .     | 2     | 2     | .       |
| Round Lake T32 R9W S14   | Walleye          | 1                  | 1     | 1     | 1     | 3     | 4     | .     | .       |
| Two Island Lake  | LM Bass          | .                  | .     | .     | 3     | .     | .     | .     | .       |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>CLARK CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Black River from Hwy. 29/73 bridge south to Lake Arbutus. See Jackson Co. also. | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | 4     | .   |
|   | N. Pike      | .                  | .     | .     | .     | 2     | 2     | 2     | .   |
|   | SM Bass      | 1                  | 1     | 2     | .     | .     | .     | .     | .   |
|   | Musky        | .                  | .     | .     | .     | .     | .     | .     | 4   |
| Mead Lake   | Walleye      | .                  | .     | .     | .     | 2     | 3     | 4     | .   |
| Rock Dam Lake   | LM Bass      | 1                  | 1     | 2     | .     | .     | .     | .     | .   |
| Sherwood Lake   | BL Crappie   | 2                  | 3     | 4     | .     | .     | .     | .     | .   |
|   | LM Bass      | .                  | .     | 2     | 3     | 3     | .     | .     | .   |
|   | N Pike       | .                  | .     | .     | 2     | 3     | 3     | .     | .   |
| <b>CRAWFORD CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Kickapoo River near Steuben   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | .   |
|   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | .   |
| <b>DANE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Lake Monona   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | .   |
| Lake Waubesa  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | .   |
| <b>DOUGLAS CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Amnicon Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | .     | .   |
| Bond Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Dowling Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Lyman Lake  | Walleye      | .                  | .     | 3     | 3     | 4     | 4     | .     | .   |
|   | Musky        | .                  | .     | .     | .     | .     | .     | .     | 3   |
| Minnesuing Lake   | Walleye      | 1                  | 1     | 1     | 3     | 3     | 3     | .     | .   |
|   | N Pike       | .                  | .     | .     | .     | 2     | .     | .     | .   |
| Minong Flowage - (See Washburn County Listing)                                  |              |                    |       |       |       |       |       |       |     |
| Nebagamon Lake  | Walleye      | .                  | .     | .     | 2     | 3     | .     | .     | .   |
| Red Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| St. Croix Flowage   | BL Crappie   | 1                  | 1     | 2     | .     | .     | .     | .     | .   |
|   | LM Bass      | 1                  | 1     | 1     | 1     | 3     | .     | .     | .   |
|   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | .   |
| St. Louis River including Superior Harbor                                       | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | .   |
| Upper St. Croix Lake  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .   |
|   | N. Pike      | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | .   |
| <b>DUNN CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Tainter Lake and Red Cedar River above Tainter Lake in Dunn Co.                 | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | 4     | .   |
| Red Cedar River above Hwy 64  | Sm Bass      | 1                  | 1     | 1     | 3     | .     | .     | .     | .   |
| <b>EAU CLAIRE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Chippewa River above Dells Dam  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| <b>FLORENCE CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Brule River at Paint River Pond   | Walleye      | 1                  | 1     | 2     | 3     | 4     | 4     | .     | .   |
| Emily Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |
| Sand Lake T38 R18E S21  | Walleye      | .                  | .     | .     | 3     | 4     | 4     | .     | .   |
| Sealion Lake  | Walleye      | .                  | .     | .     | .     | 3     | 3     | 3     | .   |
| <b>FOND DU LAC CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Forest Lake   | LM Bass      | 1                  | 1     | 2     | .     | .     | .     | .     | .   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
| Long Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .   |
| Mauthe Lake   | Y Perch      | 2                  | 2     | .     | .     | .     | .     | .     | .   |
|   | Walleye      | .                  | .     | .     | .     | 3     | .     | .     | .   |
| <b>FOREST CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Arbutus Lake  | Walleye      | .                  | .     | .     | .     | 3     | 3     | .     | .   |
| Deep Hole Lake  | Walleye      | .                  | .     | .     | 3     | 4     | 4     | .     | .   |
| Julia Lake  | Walleye      | 1                  | 1     | 1     | 3     | 4     | .     | .     | .   |
| Little Sand Lake  | LM Bass      | .                  | 2     | 3     | .     | .     | .     | .     | .   |
|   | N. Pike      | .                  | .     | .     | .     | .     | 3     | 3     | 4   |
|   | Walleye      | .                  | .     | .     | .     | .     | 4     | 4     | .   |
| Pine Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .   |
| Van Zile Lake   | N Pike       | .                  | .     | .     | .     | .     | 4     | 4     | .   |
|   | LM Bass      | 2                  | 3     | 4     | 4     | .     | .     | .     | .   |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>IRON CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Bearskull Lake   | Walleye      | 1                  | 1     | 2     | 3     | 4     | .     | .     | .   |
| Cedar Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | .     | .   |
| Gile Flowage   | Walleye      | 1                  | 1     | 1     | 3     | 4     | .     | .     | .   |
| Island Lake T44 R1E S25  | Walleye      | 1                  | 1     | 1     | 3     | 4     | .     | .     | .   |
| Long Lake T44 R4E S32  | Walleye      | 1                  | 1     | 2     | 2     | 3     | .     | .     | .   |
| North Bass Lake  | LM Bass      | 2                  | 2     | 3     | 4     | .     | .     | .     | .   |
|  | Rock Bass    | 3                  | .     | .     | .     | .     | .     | .     | .   |
| Pine Lake  | Walleye      | .                  | .     | .     | 2     | .     | .     | .     | .   |
| Owl Lake   | Walleye      | .                  | 2     | 3     | 4     | 4     | 4     | .     | .   |
| Six Lake   | Rock Bass    | 2                  | .     | .     | .     | .     | .     | .     | .   |
|  | Y Perch      | 3                  | 3     | .     | .     | .     | .     | .     | .   |
| Turtle-Flambeau Flowage<br>(including Trude Lake)  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | .     | .   |
| <b>JACKSON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Black River  | CH Catfish   | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | 4   |
|  | Walleye      | 1                  | 1     | 2     | 3     | 3     | .     | .     | .   |
|  | Musky        | .                  | .     | .     | .     | .     | .     | .     | 4   |
| Lake Arbutus and backwaters  | CH Catfish   | 1                  | 1     | 1     | 1     | 1     | 2     | 4     | 4   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 2     | 2   |
|  | SM Bass      | 1                  | 2     | 2     | 3     | 4     | .     | .     | .   |
|  | Walleye      | .                  | .     | .     | 2     | 3     | 4     | .     | .   |
| Potter's Flowage   | BL Crappie   | 1                  | 2     | .     | .     | .     | .     | .     | .   |
|  | LM Bass      | .                  | .     | 2     | 2     | 4     | .     | .     | .   |
|  | Musky        | .                  | .     | .     | .     | .     | .     | .     | 3   |
| Robert's Flowage   | LM Bass      | 1                  | 1     | 2     | 2     | 4     | .     | .     | .   |
|  | BL Crappie   | 2                  | .     | .     | .     | .     | .     | .     | .   |
| Upper Harkner Flowage  | BL Crappie   | 2                  | 3     | .     | .     | .     | .     | .     | .   |
|  | Y Perch      | 1                  | 2     | 2     | .     | .     | .     | .     | .   |
| <b>JUNEAU</b>  |              |                    |       |       |       |       |       |       |     |
| Lemonweir River at New Lisbon Flowage  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | .     | .   |
| Wisconsin R. from Nekoosa Dam to Petenwell Dam (Petenwell Flowage) See Adams, Lincoln, Juneau, and Sauk Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Wisconsin R. below Petenwell Dam to Castle Rock Dam (Castle Rock Flowage)  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .   |
| <b>JEFFERSON CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Rock Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .   |
| <b>LANGLADE CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Clear Lake   | N Pike       | .                  | .     | .     | .     | .     | 3     | .     | .   |
| Deep Wood Lake   | LM Bass      | .                  | 2     | 2     | 3     | .     | .     | .     | .   |
|  | N Pike       | .                  | .     | .     | .     | 3     | 3     | .     | .   |
| Greater Bass Lake  | LM Bass      | 2                  | 3     | 4     | 4     | 4     | .     | .     | .   |
| Lower Bass Lake  | LM Bass      | 1                  | 2     | 3     | 4     | .     | .     | .     | .   |
| Summit Lake  | LM Bass      | .                  | 2     | 2     | .     | .     | .     | .     | .   |
| <b>LINCOLN CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Clara Lake T35 R7E S14   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
| Deer Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Mohawksin Lake   | Walleye      | .                  | .     | 2     | 2     | 2     | .     | .     | .   |
| Pesobic Lake   | Walleye      | .                  | .     | 2     | 3     | 3     | 3     | .     | .   |
|  | N Pike       | .                  | .     | .     | .     | 2     | 2     | 2     | .   |
| Seven Island Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .   |
| Somo Lake  | Walleye      | .                  | .     | .     | 2     | 3     | .     | .     | .   |
|  | N Pike       | .                  | .     | .     | .     | 2     | 2     | .     | .   |
| Spirit River Flowage   | BL Crappie   | 1                  | 2     | .     | .     | .     | .     | .     | .   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |
| Wisconsin River at Lake Alice. See Adams, Juneau, Sauk, and Wood Counties also.  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .   |
|  | Walleye      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .   |

| County/Water  | Fish Species | Length (In inches) |       |       |       |       |       |       |         |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>MANITOWOC CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Bullhead Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| <b>MARATHON CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Big Eau Pleine Reservoir  | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | .     | .       |
| Big Rib River from Marathon City down to Hwy. N                             | Walleye      | 1                  | 1     | 1     | 2     | 2     | .     | .     | .       |
| Mayflower Lake  | Walleye      | .                  | .     | .     | 2     | 2     | 2     | .     | .       |
| <b>MARINETTE CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Lake Noquebay   | Walleye      | 1                  | 1     | 1     | 2     | 4     | 4     | .     | .       |
| Menominee River from Pier's Gorge through Sturgeon Falls Flowage            | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Menominee River at Lower Scott Flowage                                      | Rock Bass    | 2                  | .     | .     | .     | .     | .     | .     | .       |
|   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | .     | .       |
| Menominee River in Marinette County   | Sturgeon     | .                  | .     | .     | .     | .     | .     | .     | 2(>50") |
| See p. 4 for advice regarding Sturgeon below Lower Scott Dam                |              |                    |       |       |       |       |       |       |         |
| Menominee River at White Rapids Flowage                                     | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | .     | .       |
| Peshtigo River at Peshtigo Flowage  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| Peshtigo River at Caldron Falls Flowage                                     | LM Bass      | .                  | .     | 1     | 2     | .     | .     | .     | .       |
|   | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .       |
|   | N Pike       | .                  | .     | .     | .     | 2     | 2     | .     | .       |
| Peshtigo River at High Falls Flowage  | Walleye      | 1                  | 1     | 2     | 2     | 4     | 4     | .     | .       |
| <b>MARQUETTE CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Buffalo Lake  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 2     | 2     | 4       |
| <b>ONEIDA CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Bass Lake T39 R8E S31   | N Pike       | .                  | .     | .     | 1     | 2     | 3     | 3     | .       |
| Big Lake (T38 R11E S21)   | Walleye      | .                  | .     | 2     | 2     | 2     | 3     | .     | .       |
| Big Carr Lake   | Walleye      | .                  | .     | 2     | 2     | 3     | .     | .     | .       |
| Big Fork Lake   | Walleye      | .                  | .     | 2     | 2     | 2     | 2     | .     | .       |
| Bird Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .       |
|   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | .     | .     | .       |
| Currie Lake   | Walleye      | .                  | .     | 2     | 2     | 4     | .     | .     | .       |
|   | LM Bass      | .                  | .     | 2     | 2     | .     | .     | .     | .       |
| Foster Lake   | LM Bass      | 1                  | 1     | 3     | 4     | .     | .     | .     | .       |
| Franklin Lake   | LM Bass      | 1                  | 1     | 2     | 2     | .     | .     | .     | .       |
|   | SM Bass      | 1                  | 2     | 2     | 3     | .     | .     | .     | .       |
|   | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .       |
| Hemlock Lake  | Walleye      | 1                  | 1     | 1     | 4     | 4     | .     | .     | .       |
| Hodstradt Lake  | Walleye      | .                  | .     | .     | .     | 4     | 4     | .     | .       |
| Jennie Webber Lake  | Walleye      | .                  | .     | .     | 1     | 3     | .     | .     | .       |
|   | N Pike       | .                  | .     | .     | .     | 1     | 2     | .     | .       |
| Lake Julia  | Walleye      | .                  | .     | .     | 2     | 2     | 3     | .     | .       |
| Long Lake T37 R7E S10   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | 4     | .       |
| Long Lake T39 R11E S8   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | .     | .       |
| McGrath Lake  | LM Bass      | .                  | 2     | 3     | 3     | .     | .     | .     | .       |
|   | Bluegill     | 2                  | .     | .     | .     | .     | .     | .     | .       |
|   | Y Perch      | 2                  | .     | .     | .     | .     | .     | .     | .       |
| Medicine Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | .     | .       |
| Moens Lake Chain (includes Moen's, Second, Third, Fourth and Fifth Lakes)   | Walleye      | .                  | .     | 2     | 3     | 4     | 4     | .     | .       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 4     | .     | .       |
| Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | .     | .       |
| North Nokomis Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | 3     | .     | .       |
| North Two Lake  | Walleye      | .                  | .     | .     | 2     | 3     | 3     | .     | .       |
| Pickerei Lake T39 R8E S7  | Walleye      | 1                  | 1     | 1     | 1     | 2     | .     | .     | .       |
| Rainbow Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | 4     | .       |
| Range Line Lake   | Walleye      | .                  | .     | 2     | 2     | 2     | .     | .     | .       |
| Seven Mile Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | .     | .     | .       |
| Squaw Lake  | Walleye      | .                  | .     | 1     | 2     | .     | .     | .     | .       |
| Sugar Camp Chain of Lakes (includes Chain, Echo, Dam, Sand and Stone Lakes) | Walleye      | 1                  | 1     | 1     | 3     | 4     | 4     | .     | .       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | 2       |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |         |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|---------|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30     |
| <b>ONEIDA CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Sugar Camp Lake   | SM Bass      | •                  | •     | 3     | 4     | 4     | •     | •     | •       |
|   | Walleye      | •                  | •     | •     | 4     | 4     | 4     | •     | •       |
|   | N Pike       | •                  | •     | •     | •     | •     | 3     | 3     | 4       |
| Thompson Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •       |
| Tomahawk Lake   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Upper Kaubashine Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| White Fish Lake   | Walleye      | •                  | •     | 2     | 2     | 4     | •     | •     | •       |
|   | Y Perch      | 1                  | 2     | •     | •     | •     | •     | •     | •       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
| Willow Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|   | Walleye      | 1                  | 1     | 1     | 2     | 4     | •     | •     | •       |
| <b>PIERCE CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Nugget Lake   | LM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •       |
| St. Croix River   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
| <b>POLK CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Pipe Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •       |
| St. Croix River above St. Croix Falls dam   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| St. Croix River below St. Croix Falls dam<br>downstream to <b>Mississippi R.</b>  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
| Ward Lake   | White Bass   | •                  | •     | 2     | •     | •     | •     | •     | •       |
|   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •       |
| <b>PRICE CO.</b>  |              |                    |       |       |       |       |       |       |         |
| Bass Lake T40 R2W S15   | Walleye      | •                  | •     | 3     | 4     | 4     | •     | •     | •       |
| Butternut Lake  | Walleye      | •                  | •     | 2     | 2     | 3     | •     | •     | •       |
| Crowley Flowage   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|   | Sm Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
| Elk Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •       |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3       |
| Lower Park Falls Flowage  | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •       |
|   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •       |
| Long Lake (T37 R1W S12)   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •       |
| Musser Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •       |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 3       |
| Newman Lake   | LM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
| North Fork Flambeau River and Flowages  | Musky        | •                  | •     | •     | •     | •     | •     | •     | (>32")3 |
| Pike Lake Chain (includes Amik, Pike, Round<br>and Turner Lakes)  | Walleye      | 1                  | 1     | 2     | 2     | 3     | •     | •     | •       |
|   | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •       |
| Pixley Flowage  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| <i>Sailor Creek Flowage</i>   | SM Bass      | •                  | •     | 2     | •     | •     | •     | •     | •       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | 4       |
| Solberg Lake  | Walleye      | 1                  | 1     | 2     | 3     | 3     | 4     | 4     | •       |
| Wilson Flowage  | N Pike       | •                  | •     | •     | •     | •     | •     | 2     | •       |
| <b>ROCK CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Clear Lake  | LM Bass      | 1                  | 1     | 2     | •     | •     | •     | •     | •       |
| <b>RUSK CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Dairyland Reservoir   | Walleye      | •                  | •     | 2     | 3     | 3     | •     | •     | •       |
| Fish Lake   | LM Bass      | •                  | 1     | 2     | 3     | 3     | •     | •     | •       |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •       |
| Perch Lake  | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •       |
| <b>SAUK CO.</b>   |              |                    |       |       |       |       |       |       |         |
| Devil's Lake  | Walleye      | •                  | 2     | 2     | 2     | 2     | 2     | 3     | •       |
| <i>Dutch Hollow Lake</i>  | LM Bass      | •                  | 2     | 2     | 2     | 3     | •     | •     | •       |
|   | Walleye      | 1                  | 1     | 1     | 3     | 3     | 4     | •     | •       |
| <b>Wisconsin River below the Wisconsin Dells<br/>dam to Hwy 78 bridge (See Adams,<br/>Juneau, Lincoln and Wood Counties also)</b> |              |                    |       |       |       |       |       |       |         |
|   | Walleye      | 1                  | 1     | 1     | 2     | •     | •     | •     | •       |
|   | SM Bass      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •       |

| County/Water  | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|---|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|   |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>ST. CROIX CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Bass Lake   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •   |
| Glen Lake   | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| St. Croix River   | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | 3     | •   |
| <b>SAWYER CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Black Lake  | LM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
|   | BL Crappie   | 1                  | 3     | 4     | •     | •     | •     | •     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4   |
| Calahan-Mud Lake  | Musky        | •                  | •     | •     | •     | •     | •     | •     | 4   |
| Fishtrap Lake   | LM Bass      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 2     | 2     | •   |
| <b>SAWYER CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Ghost Lake  | Walleye      | •                  | •     | •     | •     | 4     | •     | •     | •   |
| Lake Loretta  | LM Bass      | 1                  | 1     | 2     | 3     | 4     | •     | •     | •   |
| Moose Lake  | Walleye      | 1                  | 1     | 2     | 3     | 3     | 3     | •     | •   |
| Two Axe Lake  | LM Bass      | •                  | •     | 2     | 2     | •     | •     | •     | •   |
| Windigo Lake  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 3     | •   |
|   | Walleye      | 1                  | 1     | 2     | 3     | 3     | •     | •     | •   |
| Winter Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
|   | Musky        | •                  | •     | •     | •     | •     | •     | •     | 2   |
| <b>SHAWANO CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Cloverleaf Chain of Lakes (includes Pine, Grass and Round Lakes) T26N R15E S33 & 34 | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Shawano Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| Wolf River below Shawano Dam down to State Highway 156                              | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| <b>SHEBOYGAN CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Crystal Lake  | LM Bass      | 1                  | 1     | 1     | 2     | 2     | •     | •     | •   |
|   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 2     | •     | •   |
| <b>TAYLOR CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Black River below Medford in Taylor County  | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
|   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 4     | •     | •   |
| Chequamegon Waters  | LM Bass      | 1                  | 1     | 1     | 4     | •     | •     | •     | •   |
|   | N Pike       | 1                  | 1     | 1     | 1     | 1     | 1     | 1     | 2   |
| Diamond Lake  | Walleye      | •                  | •     | •     | 2     | 2     | 2     | •     | •   |
| Richter Lake  | LM Bass      | 1                  | 1     | 1     | 3     | •     | •     | •     | •   |
| Sackett Lake  | LM Bass      | •                  | •     | 2     | 3     | •     | •     | •     | •   |
|   | Walleye      | •                  | •     | •     | 3     | 4     | •     | •     | •   |
| South Harper Lake   | Walleye      | •                  | •     | 2     | 2     | 3     | 4     | •     | •   |
| <b>TREMPEALEAU CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Marinuka Lake   | LM Bass      | 1                  | 1     | 1     | 2     | 2     | •     | •     | •   |
| Black River   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | 3     | •   |
|   | LM Bass      | 1                  | 1     | 1     | 2     | 2     | •     | •     | •   |
|   | SM Bass      | 1                  | 1     | 2     | 2     | 3     | •     | •     | •   |
| <b>VILAS CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Ballard Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | 4     | •     | •   |
| Birch Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 3     | •     | •   |
| Boulder Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Camp Lake   | LM Bass      | 1                  | 1     | 2     | 4     | •     | •     | •     | •   |
| Dead Pike Lake  | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| Eagle Lake T40 R10E S22   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 2     | •     | •   |
| Forest Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | 3     | •     | •   |
| Ike Walton Lake   | Walleye      | 1                  | 1     | 3     | 4     | 8     | 8     | •     | •   |
| Irving Lake   | Walleye      | •                  | •     | •     | 2     | 2     | 4     | •     | •   |
| Jag Lake  | Walleye      | 1                  | 1     | 1     | 2     | 3     | 4     | •     | •   |
|   | SM Bass      | 1                  | 1     | 2     | 2     | •     | •     | •     | •   |
| Long Lake   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| North Turtle Lake   | Walleye      | 1                  | 1     | 1     | 2     | 2     | 3     | •     | •   |

| County/Water   | Fish Species | Length (in inches) |       |       |       |       |       |       |     |
|--|--------------|--------------------|-------|-------|-------|-------|-------|-------|-----|
|  |              | <10"               | 10-12 | 12-15 | 15-18 | 18-22 | 22-26 | 26-30 | >30 |
| <b>VILAS COUNTY</b>  |              |                    |       |       |       |       |       |       |     |
| North Twin Lake  | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Oswego Lake  | N Pike       | •                  | •     | •     | •     | 2     | 2     | 2     | •   |
| Pioneer Lake   | Walleye      | 1                  | 1     | 2     | 2     | 3     | 3     | •     | •   |
| Rock Lake  | Walleye      | •                  | •     | 1     | 1     | 3     | •     | •     | •   |
| Shannon Lake   | LM Bass      | 1                  | 1     | 2     | 4     | 4     | •     | •     | •   |
| Trout Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | 4     | 4   |
| Upper Buckatabon   | Walleye      | 1                  | 1     | 1     | 1     | 3     | •     | •     | •   |
| White Birch Lake   | Walleye      | 1                  | 1     | 1     | 1     | 3     | 4     | •     | •   |
| <b>WASHBURN CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Harmon Lake  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
|  | N Pike       | 1                  | 1     | 1     | 1     | 2     | 3     | 3     | •   |
| Minong Flowage   | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| Shell Lake   | Walleye      | 1                  | 1     | 1     | 2     | 3     | •     | •     | •   |
| Silver Lake  | LM Bass      | 1                  | 1     | 1     | 2     | •     | •     | •     | •   |
| <b>WASHINGTON CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Pike Lake  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 3     | •     | •   |
| <b>WAUPACA CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Columbia Lake  | LM Bass      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |
| <b>WAUSHARA CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Big Hills Lake   | Walleye      | •                  | •     | •     | •     | 2     | •     | •     | •   |
| Kusel Lake   | Walleye      | •                  | •     | •     | 2     | 2     | •     | •     | •   |
| <b>WINNEBAGO CO.</b>   |              |                    |       |       |       |       |       |       |     |
| Lake Winneconne on the Wolf River  | Walleye      | 1                  | 1     | 1     | 1     | 1     | 2     | •     | •   |
| <b>WOOD CO.</b>  |              |                    |       |       |       |       |       |       |     |
| Wisconsin River from Nekoosa Dam to Petenwell Dam (Petenwell Flowage). See Adams, Juneau, and Lincoln Counties also. | Walleye      | 1                  | 1     | 1     | 1     | 2     | •     | •     | •   |

## COOKING, CLEANING, AND EATING MERCURY-CONTAMINATED FISH

Mercury is distributed throughout a fish's muscle tissue (the part you eat) and organs, rather than in fat and skin. **You cannot reduce mercury levels by removing fat or skin or by cooking a fish a certain way.**

NOTE: If you catch fish from **both** Groups 2 and 3 in the mercury advisory, use the conversion chart below to figure out how many combined meals of fish from these groups you may eat in one month or one year.

### Monthly Consumption

| If you eat this many<br>Group 2 fish meals in<br>one month... | eat no more than this<br>many Group 3 fish meals<br>that same month: |
|---|--|
| 0 .....   | 7  |
| 2 .....   | 6  |
| 4 .....   | 5  |
| 6 .....   | 4  |
| 8 .....   | 3  |
| 10 .....  | 2  |
| 12 .....  | 1  |
| 13 .....  | 0  |

### Annual Consumption

| If you eat this many...<br>Group 2 fish meals in<br>one year... | eat no more than this<br>many Group 3 fish meals<br>that same year: |
|---|---|
| 0 .....   | 13  |
| 2 .....   | 12  |
| 4 .....   | 11  |
| 6 .....   | 10  |
| 8 .....   | 9   |
| 10 .....  | 8   |
| 12 .....  | 7   |
| 14 .....  | 6   |
| 16 .....  | 5   |
| 18 .....  | 4   |
| 20 .....  | 3   |
| 22 .....  | 2   |
| 24 .....  | 1   |
| 26 .....  | 0   |

