

ID number:

Place label here

Visit number:

Date: ____ / ____ / ____ Time: ____ : ____ a.m. / p.m. (circle one)

Interviewer name: _____

Location: _____

General information (first questionnaire only)A. How did you find out about this study? (*check all that apply*)

- Personal contact with study staff
- Friend
- Fishing event or similar venue
- Newspaper article
- Our study webpage
- Other website: _____
- Other: _____

B. Gender:

- male
- female

C. Date of birth: ____ / ____ / ____

D. How would you describe your race or ethnicity?

- American Indian
- African American
- Asian or Pacific Islander
- Hispanic or Latino
- White/Caucasian
- Other: _____

General questions

1. What is your home zip code? _____

2. How tall are you? _____ feet _____ inches

3. How much do you weigh? _____ pounds

4. For women, are you pregnant?
 yes
 no
 don't know

5. What is the last grade or year that you completed in school?
 Less than high school
 Graduated high school
 Some college
 Graduated college
 Post-graduate
 Other: _____

6. Are you still in school? yes no

Fishing habits

7. Have you gone fishing in or around Grand Lake in the last 3 months?

yes

no If NO, skip to Question 12

8. How many times did you go fishing in the last 3 months? Times: _____

9. Where did you go fishing? Refer to the areas on the map. *(Check all that apply)*

For Elk River, Honey Creek and Horse Creek: Indicate whether you fished in the river/creek (upstream) portion and/or the lake (downstream) portion.

Upper Grand Lake (UL)

Mid Grand Lake (ML)

Lower Grand Lake (LL)

Dam Area (DA)

Spring River (SR)

Neosho River (NR)

Elk River (ER)

River/creek portion? yes no don't know

Lake portion? yes no don't know

Honey Creek (HNC)

River/creek portion? yes no don't know

Lake portion? yes no don't know

Horse Creek (HSC)

River/creek portion? yes no don't know

Lake portion? yes no don't know

Other locations:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

10. Did you share any of the fish that you caught with anyone else?

yes

no If NO, skip to question 11

If yes, with whom? (*Check all that apply*)

Adults in my household

Children in my household

Friends or family not in my household

11. Did you generally eat the fish that you caught right away or freeze some to eat later?

Eat all right away

Eat most right away and freeze some

Eat some right away and freeze most

Freeze all for later

12. Has anyone else in your household gone fishing in or around Grand Lake in the last 3 months?

yes

no If NO, skip to Question 13

If yes, approximately how many times? _____ times don't know

If yes, did you eat some of the fish they caught? yes no

13. In the last 3 months, did you eat fish given to you by someone outside of your household?

yes no don't know

If yes, list where the fish were caught (if you know):

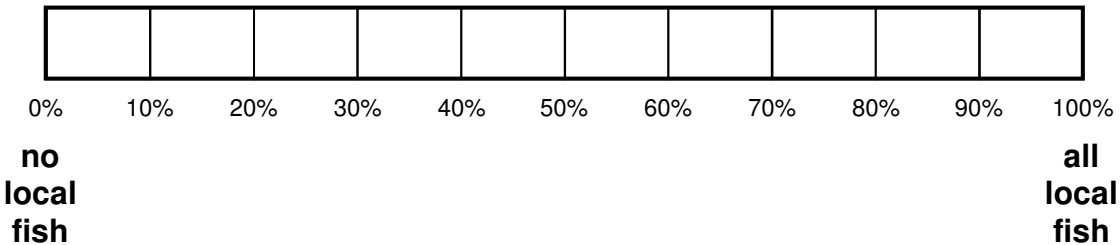
Fish consumption patterns

14. In general, over the past 3 months, which of these best describes how often you ate fish or shellfish (caught locally or from a store, restaurant, fish fry, etc.)?

- Once a day or more
- 4 to 6 times a week
- 2 to 3 times a week
- Once a week
- 2 or 3 times a month
- Once a month
- Once in last 3 months
- Never in last 3 months

15. In general, over the past 3 months, how much of the fish and shellfish that you ate was caught locally (either by you or by someone else)?

Draw an "X" on this ruler to show the percent (%) that was locally caught, with 0% (left side) corresponding to no local fish, and 100% (right side) corresponding to all local fish.



16. In the spaces provided, write in the number of fish portions of each size that you eat at a typical meal.

Refer to the fish portion model to see examples of these sample sizes.

_____ (a) 2 ounces _____ (b) 4 ounces _____ (c) 6 ounces _____ (d) 8 ounces

-
17. The directions below will help you fill out the tables on Pages 6 to 9. Before you fill out the table, read the instructions below, THEN LOOK OVER ALL OF THE TABLES TO SEE HOW THEY ARE ORGANIZED, then reread the instructions again before filling out your answers.

On Pages 6 through 9, we want to know about your typical eating habits over the past 3 months. In this question, we will be asking about types of fish that are commonly caught in the Grand Lake watershed.

We mostly want to know about the types of fish that you've eaten, but will also ask you about several types of shellfish and other freshwater animals. For simplicity, we will just refer to all of these as "fish."

Use these directions to help you fill out the table.

- (a). For each type of fish, pick the category that best represents how frequently you ate that type of fish, on average, over the past 3 months.
- (b). For fish that were caught in and around Grand Lake, indicate all the locations where they were caught. Consult the map provided.

For each type of fish, use the space provided to write down the percent of fish that came from a restaurant, store, fish fry or other venue. If you didn't get that type of fish at any of these types of locations, leave the space blank.

If you ate fish but didn't know what kind it was, include that in the "unknown" category on page 9

- (c). For each type of fish, indicate all the ways that it was prepared.
- (d). For each type of fish, indicate which parts you ate.

Refer to the laminated guide with pictures of each type of fish.

If you ate any types of fish caught from the Grand Lake watershed that are not listed in the chart on Pages 6 through 9, you can add them on page 9. We have extra blank pages if you need more space.

	Largemouth bass	Smallmouth bass	White bass	Spotted bass	Striped bass	Crappie
(a). How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						
(b). Where did this fish come from? (check all that apply)						
Grand Lake – Upper (UL)						
Grand Lake – Mid (ML)						
Grand Lake – Lower (LL)						
Dam Area (DA)						
Spring River (SR)						
Neosho River (NR)						
Elk River (ER)						
Honey Creek (HNC)						
Horse Creek (HSC)						
Other locations						
Restaurant, store or fish fry (specify what percent came from a restaurant, store, fish fry or other event, if any)	____%	____%	____%	____%	____%	____%
(c). How were these fish prepared? (check all that apply)						
Fried						
Grilled / On a spit						
Broiled						
Steamed						
Boiled whole						
Soup / Stew						
Pressure Cooker						
Uncooked						
Other						
(d). Which parts of the fish did you eat? (check all that apply)						
Whole fish						
Fillet						
Eggs						
Head, cheeks						
Other						

	Drum	Perch	Carp	Sucker	Gar	Spoonbill
(a). How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						
(b). Where did this fish come from? (check all that apply)						
Grand Lake – Upper (UL)						
Grand Lake – Mid (ML)						
Grand Lake – Lower (LL)						
Dam Area (DA)						
Spring River (SR)						
Neosho River (NR)						
Elk River (ER)						
Honey Creek (HNC)						
Horse Creek (HSC)						
Other locations						
Restaurant, store or fish fry (specify what percent came from a restaurant, store, fish fry or other event, if any)	____%	____%	____%	____%	____%	____%
(c). How were these fish prepared? (check all that apply)						
Fried						
Grilled / On a spit						
Broiled						
Steamed						
Boiled whole						
Soup / Stew						
Pressure Cooker						
Uncooked						
Other						
(d). Which parts of the fish did you eat? (check all that apply)						
Whole fish						
Fillet						
Eggs						
Head, cheeks						
Other						

	Buffalo	Flathead Catfish	Channel Catfish	Blue Catfish	Trout	Crawdads
(a). How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						
(b). Where did this fish come from? (check all that apply)						
Grand Lake – Upper (UL)						
Grand Lake – Mid (ML)						
Grand Lake – Lower (LL)						
Dam Area (DA)						
Spring River (SR)						
Neosho River (NR)						
Elk River (ER)						
Honey Creek (HNC)						
Horse Creek (HSC)						
Other locations						
Restaurant, store or fish fry (specify what percent came from a restaurant, store, fish fry or other event, if any)	____%	____%	____%	____%	____%	____%
(c). How were these fish prepared? (check all that apply)						
Fried						
Grilled / On a spit						
Broiled						
Steamed						
Boiled whole						
Soup / Stew						
Pressure Cooker						
Uncooked						
Other						
(d). Which parts of the fish did you eat? (check all that apply)						
Whole fish						
Fillet						
Eggs						
Head, cheeks						
Other						

	Mussels	Turtles Soft shell, snapping	Frogs	UN- KNOWN	OTHER (write in)	
(a). How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						
(b). Where did this fish come from? (check all that apply)						
Grand Lake – Upper (UL)						
Grand Lake – Mid (ML)						
Grand Lake – Lower (LL)						
Dam Area (DA)						
Spring River (SR)						
Neosho River (NR)						
Elk River (ER)						
Honey Creek (HNC)						
Horse Creek (HSC)						
Other locations						
Restaurant, store or fish fry (specify what percent came from a restaurant, store, fish fry or other event, if any)	____%	____%	____%	____%	____%	____%
(c). How were these fish prepared? (check all that apply)						
Fried						
Grilled / On a spit						
Broiled						
Steamed						
Boiled whole						
Soup / Stew						
Pressure Cooker						
Uncooked						
Other						
(d). Which parts of the fish did you eat? (check all that apply)						
Whole fish						
Fillet						
Eggs						
Head, cheeks						
Other						

18. In this question, we are asking you about fish that are **NOT** commonly caught in the Grand Lake watershed. In general, over the last 3 months, how frequently have you eaten the following types of fish? For any types of fish not listed, add them in the empty spaces at the bottom.

Don't double-count fish. For example, if you ate sushi with tuna, include that in the tuna category only. If you ate sushi but don't know the type of fish, include that in the sushi category.

	Albacore tuna	Light tuna	Fresh/frozen tuna	Swordfish	Fish sticks or nuggets	Salmon (canned or fresh)
How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						

	Sushi with fish	King mackerel	Mackerel (other)	Shrimp	Tilapia	Sardines
How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						

	OTHER (write in)					
How often did you eat this type of fish over the past 3 months?						
Once a day or more						
4 to 6 times/week						
2 or 3 times/week						
Once a week						
2 or 3 times/month						
Once a month						
Once in last 3 mo.						
Never in last 3 mo.						

Continued: (Space for additional information about preparation methods or parts of fish consumed)

Open-ended questions

19. What concerns do you have, if any, about eating locally-caught fish?

20. Do you avoid eating fish from certain locations? If so, why?

21. Have you changed your fish consumption over the past year based on your involvement in this study?

yes

no

If yes, please explain.

I eat fish more frequently

I eat fish less frequently

I've made other changes (please explain):

22. Are you aware of any fish consumption advisories for the state of Oklahoma?

yes

no

If yes, please answer the questions below:

(a) Do you follow them?

(b) Do you find them useful?