Form Approved

OMB No. 0923-0056

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**Study Questionnaire for Burmese Immigrants and their Descendants**

|  |
| --- |
| ***Interviewer instructions:*** *Please record the date of the interview and the participant’s ID number below before beginning the interview. Please confirm completion of the Contact Information Form.***DATE** (*MM/DD/YYYY)*: \_\_ / \_\_ / \_\_\_\_**STUDY ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  Mark this box to confirm that the Contact Information Form has been completed. If not, complete this form with the participant now. |

**SEX, AGE, RACE, ETHNICITY**

*I will start by asking you some questions about your sex, age, race and ethnicity.*

1. What is your sex/gender?

[ ]  Male

[ ]  Female

1. What is your birthdate?

\_\_\_\_ / \_\_\_\_\_/ \_\_\_\_\_\_\_

mm dd yyyy

[ ]  Unknown 🡪 2a. What is your age? \_\_\_\_\_\_\_\_ years

1. In what country were you born?

[ ]  United States

[ ]  Burma/Myanmar

[ ]  Thailand

[ ]  Malaysia

[ ]  Other country → **3a.** **Specify:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  Don’t know

[ ]  Prefer not to answer

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1. What is your ethnicity or tribe?

[ ]  Burman

[ ]  Chin

[ ]  Kachin

[ ]  Karenni

[ ]  Karen

[ ]  Mon

[ ]  Rakhine
[ ]  Rohingya

[ ]  Other, → **4a. Specify:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  Don’t Know

[ ]  Prefer not to answer

**RESIDENTIAL HISTORY**

*Now we will ask you some questions about where you have lived.*

1. How long have you lived in the United States?

\_\_\_\_\_ years

[ ]  Don’t know

[ ]  Prefer not to answer

1. How long have you lived in the Milwaukee, Wisconsin area?

\_\_\_\_\_ years

[ ]  Don’t know

[ ]  Prefer not to answer

1. How long have you lived at your current address?

\_\_\_\_\_ years

[ ]  Don’t know

[ ]  Prefer not to answer

1. When was this home built?

Approximate year: \_\_\_\_\_\_\_\_\_\_

1. Have you lived anywhere outside the Milwaukee area?

[ ]  Yes

[ ]  No → *Skip to #11*

[ ]  Don’t know → *Skip to #11*

[ ]  Prefer not to answer → *Skip to #11*

1. Where did you live before coming to Milwaukee?

**10a. Location #1** *(specify city, state, country)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Was this a Refugee Camp?** [ ]  Yes [ ]  No **How long did you live there**? \_\_\_\_\_ years

 *Interviewer: please round to the nearest year*

[ ]  Don’t know

[ ]  Prefer not to answer

**10b. Location #2** *(specify city, state, country)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Was this a Refugee Camp?** [ ]  Yes [ ]  No **How long did you live there**? \_\_\_\_\_ years

 *Interviewer: please round to the nearest year*

[ ]  Don’t know

[ ]  Prefer not to answer

**FISH AND SHELLFISH**

*I will now ask you about the fish and shellfish you eat. I will ask you about fish and shellfish that you may have bought at a store or restaurant, as well as fish and shellfish that you or someone you know caught from lakes, rivers, or streams in Wisconsin. First, I will ask several questions on fish and shellfish eaten in the last 30 days.*

1. In the last 30 days, how many times did you eat SHELLFISH, such as shrimp, oysters, lobster, clams, crab, or crayfish?

\_\_\_\_\_\_\_ total number of shellfish meals eaten in the last 30 days

[ ]  Don’t know

[ ]  Prefer not to answer

1. In the last 30 days, how many times did you eat FISH such as fresh, canned, or frozen fish, fish fillets, fish sticks, fish sandwiches, and tuna fish?
\_\_\_\_\_\_\_ total number of fish meals eaten in the last 30 days

[ ]  Don’t know → *Skip to #14*

[ ]  Prefer not to answer → *Skip to #14*

13. In the last 30 days, how many of these fish meals were caught by you or someone you know from any lakes, rivers, and streams in Wisconsin? These are sometimes called ‘sport-caught fish’.

\_\_\_\_\_\_\_ number of locally-caught fish meals eaten in the last 30 days

[ ]  Don’t know → *Skip to #14*

[ ]  Prefer not to answer → *Skip to #14*

**FISH EATEN IN THE LAST 12 MONTHS**

*Now I will ask you some questions about fish you ate that were caught by you or someone you know. These fish are sometimes called ‘sport-caught fish’ or ‘sportfish’. I will be asking you to estimate how many fish meals you have eaten in the last 12 months. I understand that you might need a few minutes to think about these questions, so please take your time.*

14. In the last 12 months, how many times have you eaten fish caught by you or someone you know?
\_\_\_\_\_\_\_\_\_\_ total number of meals in the last 12 months

[ ]  Don’t know *→ Answer Question 16, then SKIP to #18*

[ ]  Prefer not to answer *→ Answer Question 16, then SKIP to #18*

15. Please look at this picture of lakes, rivers, and streams in Milwaukee and the surrounding southeastern area of Wisconsin. Thinking about the last year, how many times have you eaten fish caught by you or someone you know from the lakes, rivers, and streams shown here? Please think about these locations only. *(Will include an image of the Milwaukee and surrounding southeastern area of WI)*\_\_\_\_\_\_\_\_\_\_ total number of meals in the last 12 months

[ ]  Don’t know *→ Answer Question 16, then SKIP to #18*

[ ]  Prefer not to answer *→ Answer Question 16, then SKIP to #18*

1. Please look at the picture of lakes, rivers, and streams in Milwaukee and the surrounding southeastern area of Wisconsin. For fish caught in any of the lakes, rivers, and streams in the picture, how has the total amount of fish you eat changed during the past five years*?* (*Will include map of Milwaukee and surrounding southeastern area of WI)*

[ ]  Eat less

[ ]  Same or about the same

[ ]  Eat more

[ ]  Don’t know

[ ]  Prefer not to answer

1. Please look at this picture of lakes, rivers, and streams in Milwaukee and the surrounding southeastern area of Wisconsin. The following questions are about types of fish you have eaten that were caught by you or someone you know. When answering these questions, please think only about fish caught in the lakes, rivers, and streams pictured and listed here. (*Will include map of Milwaukee and surrounding southeastern area of WI)*

| In the last 12 months, have you eaten:  |
| --- |
|  | **Yes** | **No** | **Don’t know** | **Prefer not to answer** | If YES, **approximately how many times did you eat it in the last 12 months?** |
| Black crappie |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Bluegill |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Bullhead |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Buffalo |  |  |  |  | Number: \_\_\_\_\_\_**[ ]**  Don’t know how many |
| Carp |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Channel catfish |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Chubs |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Salmon ( chinook or coho) |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Lake whitefish |  |  |  |  | Number: \_\_\_\_\_\_**[ ]**  Don’t know how many |
| Muskellunge (Muskie) |  |  |  |  | Number: \_\_\_\_\_\_**[ ]**  Don’t know how many |
| Northern pike |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Redhorse |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Rockbass |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Largemouth bass |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Smallmouth bass |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| White bass |  |  |  |  | Number: \_\_\_\_\_\_**[ ]**  Don’t know how many |
| Sheepshead |  |  |  |  | Number: \_\_\_\_\_\_**[ ]**  Don’t know how many |
| Smelt |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Walleye |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| White sucker |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Yellow perch |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| White perch |  |  |  |  | Number: \_\_\_\_\_\_**[ ]**  Don’t know how many |
| Brown trout |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Lake trout |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Rainbow trout |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Other fish types (please specify): |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Other fish types (please specify): |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Other fish types (please specify): |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |

1. In the last 12 months, have you eaten any fish caught in lakes, rivers, and streams near the Milwaukee area highlighted in this map? ( interviewer show map of this area)

[ ]  Yes
[ ]  No
[ ]  Don’t know
[ ]  Prefer not to answer

1. In the last 12 months, have you eaten any fish caught in the lakes, rivers, and streams near the Fond du Lac and Oshkosh areas highlighted in this map? (interviewer show map of this area)

[ ]  Yes
[ ]  No
[ ]  Don’t know
[ ]  Prefer not to answer

1. In the last 12 months, have you eaten any fish caught in the lakes, rivers, and streams near the Sheboygan and Manitowoc areas highlighted in this map? ( interviewer show map of this area)

[ ]  Yes
[ ]  No
[ ]  Don’t know
[ ]  Prefer not to answer

1. In the last 12 months, have you eaten any fish caught in the lakes, rivers, and streams near the Beaver Dam, West Bend, Waukesha, and Jefferson areas highlighted in this map? ( interviewer show map of this area)

[ ]  Yes
[ ]  No
[ ]  Don’t know
[ ]  Prefer not to answer

**PURCHASED FISH EATEN IN THE LAST 12 MONTHS**

*Now I will ask you to think about fish and shellfish you have bought in store, restaurant or market. I will be asking you to estimate how many fish meals you have eaten in the last 12 months. I understand that you might need a few minutes to think about these questions, so please take your time.*

1. These next questions will ask you about fish you have eaten which came from a store, restaurant, fish vendor, market, or supermarket. *Will include a picture of each type of fish)*

|  Thinking about the last 12 months, have you eaten:  |
| --- |
|  | **Yes** | **No** | **Don’t know** | **Prefer not to answer** | If YES, **approximately how many times did you eat it in the last 12 months?** |
| King mackerel |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Tilefish  |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Shark  |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Swordfish |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Salmon (including canned) |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Canned light tuna |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Canned white or albacore tuna |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Fresh or frozen tuna |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Tilapia |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Halibut |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Cod |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Shellfish (such as shrimp, mussels, etc.) |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Other fish not listed here, please specify:  |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |

**FISH PASTE**

23. Do you eat fish paste, sometimes called “nya u” or “ngape”?
[ ]  Yes How often?\_\_\_\_\_\_ times per (circle one) week month year

[ ]  No *→ SKIP to #24*

[ ]  Don’t know *→ SKIP to #24*

[ ]  Prefer not to answer *→ SKIP to #24*

24. Where do you get your fish paste? (check all that apply)
[ ]  Homemade

[ ]  Purchased in a store or market *→ SKIP to #24*
[ ]  Don’t know *→ SKIP to #24*

[ ]  Prefer not to answer *→ SKIP to #24*

25. Is the homemade fish paste made from fish caught in nearby waters?
[ ] Yes
[ ]  No *→ SKIP to #24*
[ ]  Don’t know *→ SKIP to #24*
[ ]  Prefer not to answer *→ SKIP to #24*

26. What kinds of fish are used to make homemade fish paste? (check all that apply) *(There will be a picture to help identify each type of fish. The picture will have common and translated fish names).*

[ ]  Black crappie [ ]  Northern pike [ ] Walleye

[ ]  Bluegill [ ]  Redhorse [ ] White sucker

[ ]  Bullhead [ ]  Rock bass [ ]  Yellow perch

[ ]  Buffalo [ ]  Lake whitefish [ ]  Muskellunge (muskie)

[ ] Carp [ ]  Largemouth bass [ ]  Brown trout

[ ]  Channel catfish [ ] Smallmouth bass [ ]  Lake trout

[ ]  Chubs [ ]  Smelt [ ]  Rainbow trout

[ ]  Chinook salmon [ ]  Coho salmon [ ]  White bass

[ ]  Sheepshead [ ]  White perch

[ ]  Other species, specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
[ ]  Don’t know

[ ]  Prefer not to answer

27. What parts of the fish are used to make homemade fish paste? (check all that apply) *(There will be a picture to help identify parts of the fish)*

[ ]  Whole fish

[ ] Flesh/muscle and skin only

[ ]  Flesh only

[ ] Whole fish with head and tail removed

[ ] Other: (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  Don’t know

[ ] Prefer not to answer

|  |
| --- |
| FISH CLEANING AND COOKING PRACTICES |

*I will now ask you some questions about how you typically clean and cook the fish you eat.*

28. These next questions will ask you about how you clean and prepare the fish you eat. Here is a picture to show you the different parts of the fish we are asking about. (*Will include picture of each fish part)*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **When preparing fish, how often do you eat or prepare meals using:** | **Never** | **Sometimes** | **Always** | **Don’t know** | **Prefer not to answer** |
| The skin of the fish |  |  |  |  |  |
| The head of the fish |  |  |  |  |  |
| The guts, organs, or other innards of the fish |  |  |  |  |  |
| The belly fat of the fish |  |  |  |  |  |

29. The next questions will ask you about how you cook fish.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **When cooking fish, how often do you:** | **Never** | **Sometimes** | **Always** | **Don’t know** | **Prefer not to answer** |
| Smoke or dry fish |  |  |  |  |  |
| Pickle fish |  |  |  |  |  |
| Use fish to make fish paste |  |  |  |  |  |
| Pan fry |  |  |  |  |  |
| Grill, or roast fish |  |  |  |  |  |
| Deep fry fish |  |  |  |  |  |
| Boil or poach fish |  |  |  |  |  |
| Use fish or fish parts to make broth/stock, curry, or soup |  |  |  |  |  |

30. Please look at this picture of a 6 ounce serving of cooked fish. Compared to this model, would you say that a typical meal of fish you eat is usually: (*Will include picture to illustrate serving size)*

[ ]  Less *(smaller than the picture)*

[ ]  Same or about the same

[ ]  More *(larger than the picture)*

[ ]  Don’t know

[ ]  Prefer not to answer

31. During which season(s) do you eat fish? (check all that apply)
[ ]  Spring *(March, April, May)*
[ ]  Summer *(June, July, August)*
[ ]  Fall *(September, October, November)*
[ ]  Winter *(December, January, February)*
[ ]  Don’t know
[ ]  Prefer not to answer

32. During which season(s) do you catch fish? (check all that apply)
[ ]  Spring *(March, April, May)*
[ ]  Summer *(June, July, August)*
[ ]  Fall *(September, October, November)*
[ ]  Winter *(December, January, February)*
[ ]  I do not catch fish[ ]  Don’t know
[ ]  Prefer not to answer

**ADVISORY AWARENESS**

*Now we will be asking you a few questions about the safe-eating guidelines for fish caught in Wisconsin. We are not asking you about the regulations on what size of fish and how many fish you can keep from a water body. These questions are about the health-based advisories written to protect you from contaminants like mercury and PCBs.*

33. Have you heard about the safe-eating guidelines for fish caught in Wisconsin?

[ ]  Yes

[ ]  No → *Skip to #36*

[ ]  Don’t know → *Skip to #36*[ ] Prefer not to answer → *Skip to #36*

34. How much would you say that you know about these guidelines?
[ ]  Nothing
[ ]  A little bit
[ ]  Some
[ ]  Quite a bit
[ ]  A great deal
[ ]  Prefer not to answer

35. How closely do you follow the advice provided in these guidelines?
[ ]  Not at all
[ ]  A little bit
[ ]  Somewhat
[ ]  Very
[ ]  Extremely
[ ]  Prefer not to answer

36. Have you ever heard about the safe-eating guidelines for fish caught in the Milwaukee River and harbor mouth at Lake Michigan, Menomonee River, Lincoln Creek, or Cedar Creek?
[ ]  Yes
[ ]  No → *Skip to #39*
[ ]  Don’t know → *Skip to #39*
[ ]  Prefer not to answer → *Skip to #39*

37. How much would you say that you know about these guidelines?
[ ]  Nothing
[ ]  A little bit
[ ]  Some
[ ]  Quite a bit
[ ]  A great deal
[ ]  Prefer not to answer

38. How closely do you follow the advice provided in these guidelines?
[ ]  Not at all
[ ]  A little bit
[ ]  Somewhat
[ ]  Very
[ ]  Extremely
[ ]  Prefer not to answer

39. Have you ever made any of the following changes to avoid contaminants such as mercury and PCBs? *(check all that apply)*

[ ]  Eaten fewer fish meals
[ ]  Eaten different types or species of fish

[ ]  Avoided eating certain parts of fish (head, fat, belly, skin)
[ ]  Avoided eating fish from some fishing locations

[ ]  None of these
[ ]  Prefer not to answer

40. The next questions will ask you about how you get information about fish consumption advice, and how useful you think these sources are. Remember, we are asking you about the safe-eating guidelines, NOT any regulations about size and number of fish you can keep.

| **Do you get information about Wisconsin fish consumption advice from:** | **If yes:** |
| --- | --- |
| **How useful is this source of information** | **Do you find this source easy to understand?** | **Do you use this source when making decisions about eating fish?** |
| Fishing club newsletters or websites or other sports club publications | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Wisconsin Department of Natural Resources website or publications | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Wisconsin Department of Health Services website or publications | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Federal agencies, such as the Environmental Protection Agency (EPA) or the Food and Drug Administration (FDA)  | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Friends or family members | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Fishing regulations booklet distributed with fishing license, pictured here | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Choose Wisely – a health guide for eating fish in Wisconsin, pictured here | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Tackle or sporting goods stores | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| County health office or website | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Grocery store or food market | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Fish eating guidelines posted near waters that I fish (see example picture) | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Television, radio and/or newspaper messages/reports | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| My health care provider | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| Charter boat operators or guides | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |
| iPhone/Smartphone apps (e.g., DNR Pocket Ranger Fish and Wildlife app), pictured here | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Not useful**[ ]** Somewhat useful**[ ]** Very useful**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer | **[ ]** Yes**[ ]** No**[ ]** Prefer not to answer |

**WILD BIRDS AND ANIMALS**

*Now I will ask you about any wild birds or animals you may have eaten in the last 12 months.*

41. These next questions will ask you about the types of wild animals and waterfowl you have eaten, which were harvested near areas identified in this picture. (*Will include map/picture of locations, and picture of each bird/animal)*

| Thinking about the last 12 months, have you eaten:  |
| --- |
|  | **Yes** | **No** | **Don’t know** | **Prefer not to answer** | If YES, **approximately how many times did you eat it in the last 12 months?** |
| Waterfowl (ducks, geese, or seagulls) |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Crows or other scavenger birds |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Deer |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Frogs or toads |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Rats or mice |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Rabbits |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Groundhogs  |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |
| Squirrels |  |  |  |  | Number: \_\_\_\_\_\_[ ]  Don’t know how many |

42. In the past 12 months, have you eaten waterfowl (such as ducks or geese) that were harvested in any other locations not listed/pictured here?

 **[ ]** YES: **Specify location:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **[ ]** NO

[ ]  Don’t know

[ ]  Prefer not to answer

**LIFESTYLE AND ACTIVITIES**

*Now I will ask you some questions about your lifestyle and some activities you might do in your free-time.*

43. The following question is about any supplements you may take.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **On most days, do you take or use:** | Yes | No | Don’t know | Prefer not to answer |
| Herbal medicine or supplements |  |  |  |  |
| Fish oil |  |  |  |  |
| Store-bought Betel nut |  |  |  |  |
| Natural or hand-made Betel nut |  |  |  |  |

44. Do you use a homemade or store-bought yellow powder/cream called Thanakar or Thanakha?

[ ]  Yes, Homemade

[ ]  Yes, Store bought

[ ]  No → *Skip to #46*

[ ]  Don’t know → *Skip to #46*

[ ] Prefer not to answer → *Skip to #46*

45. How often do you use Thanakar?

\_\_\_\_\_ times per (circle one) week month year

[ ]  Don’t know

[ ]  Prefer not to answer

46. Have you smoked at least 100 cigarettes (or 5 packs) in your lifetime?

[ ]  Yes *(Ever smoker)*

[ ]  No *(Never smoker)* → *Skip to #49*

[ ]  Don’t know → *Skip to #49*

[ ]  Prefer not to answer → *Skip to #49*

47. Do you smoke cigarettes now?

[ ]  Yes

[ ]  No → *Skip to #*49

[ ]  Don’t know → *Skip to #*49

[ ]  Prefer not to answer → *Skip to #*49

48. How many cigarettes do you smoke per day? *(1 pack=20 cigarettes)*

[ ]  1-5 per day

[ ]  6-10 per day

[ ]  11-20 per day (>1/2 and <1 pack per day)

[ ]  >20 per day (>1 pack per day)

[ ]  Don’t know

[ ]  Prefer not to answer

49. Do you use chewing tobacco or snuff?

[ ]  Yes

[ ]  No→ *Skip to #51*

[ ]  Don’t know → *Skip to #51*

[ ]  Prefer not to answer → *Skip to #51*

50. How often do you use chewing tobacco or snuff?

[ ]  Daily

[ ]  Weekly

[ ]  Monthly

[ ]  Don’t know

[ ]  Prefer not to answer

 51. Please look at this picture of lakes, rivers, and streams in the Milwaukee area. Do you swim, dive, or wade in any of these local bodies of water? (*Will include map/picture of water bodies)*

 [ ]  Yes→ **47a.** **How many times in the past year?** \_\_\_\_\_\_

 [ ]  No

 [ ]  Don't know

 [ ]  Prefer not to answer

52. Have you or anyone else in your household done any of the following activities in the last 12 months?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Activity: | Yes | No | Don’t know | Prefer not to answer |
| Dyeing material |  |  |  |  |
| Electronics assembly |  |  |  |  |
| Gardening or farming |  |  |  |  |
| Glass crafting, metal work, painting or glazing,  |  |  |  |  |
| Metal work |  |  |  |  |
| Painting and glazing |  |  |  |  |
| Packing ammunition |  |  |  |  |
| Print making |  |  |  |  |
| Wood working |  |  |  |  |
| Home renovation/repair |  |  |  |  |

**HOUSEHOLD INFORMATION**

*Now we will ask you a few questions about your household, including how many people live in your home with you.*

53. Including yourself, how many people currently live at your address?

[ ]  Total number: \_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  Live alone →  *SKIP to #52*

[ ]  Don’t know → *SKIP to #52*

[ ]  Prefer not to answer → *SKIP to #52*

54. How many people who live with you are women between 15 and 45 years old?

Number: \_\_\_\_\_ (If 0, → *SKIP to #55)*

[ ]  Don’t know → *SKIP to #55*

[ ]  Prefer not to answer → *SKIP to #55*

**54a. Do any of these women eat locally caught fish?** [ ]  Yes

 [ ]  No

 [ ]  Don’t know

 [ ]  Prefer not to answer

55. How many children who live with you are under the age of 15?

Number under 15 years: \_\_\_\_\_ *(if 0* → *SKIP to #56)*

[ ]  Don’t know → *SKIP to #56*

[ ]  Prefer not to answer → *SKIP to #56*

 **55a. Do any of these children eat locally caught fish?**

[ ]  Yes

 [ ]  No

 [ ]  Don’t know

 [ ]  Prefer not to answer

**EDUCATION, MARITAL STATUS, WORK HISTORY, AND INCOME**

*Now we will ask some questions about your work history, education, income, and marital status.*

56. What is the highest grade level of school or degree you have completed?

[ ]  8th grade or less

[ ]  Some high school, no diploma or GED

[ ]  High school diploma or GED

[ ]  Some college, no diploma

[ ]  Associate degree

[ ]  Bachelor’s degree

[ ]  Postgraduate, professional, or doctoral degree

[ ]  Don’t know

[ ]  Prefer not to answer

57. What is your current marital status?

[ ]  Married

[ ]  Living with someone in a marriage-like relationship

[ ]  Separated

[ ]  Divorced

[ ]  Widowed

[ ]  Never married
[ ]  Prefer not to answer

58. Do you currently work outside the home?

[ ]  Yes, Full-time

[ ]  Yes, Part-time

[ ]  No→ *SKIP to #59*

[ ]  Don’t know→ *SKIP to #59*

[ ]  Prefer not to answer→ *SKIP to #59*

58a. What is your current job?

Title\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Who is your employer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many hours a week do you work? \_\_\_\_\_ hours per week

What are your usual activities or duties? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

58b. Do you have a second job?

[ ]  Yes

[ ]  No → *SKIP to #59*

[ ]  Don’t know → *SKIP to #59*

[ ]  Prefer not to answer → *SKIP to #59*

58bi. What is your second job?

Title\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Who is your employer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are your usual activities or duties?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

58c. Have you worked at any (other) job in the past year?

[ ]  Yes, Full-time

[ ]  Yes, Part time

[ ]  No → *SKIP to #59*

[ ]  Don’t know → *SKIP to #59*

[ ]  Prefer not to answer → *SKIP to #59*

58ci. What was this other job?

Title\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Who is your employer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are your usual activities or duties? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

59. Does anyone in your household receive SNAP or WIC services (such as food stamps)?

[ ]  Yes

[ ]  No

[ ]  Don’t know

[ ]  Prefer not to answer

60. Can you tell me your total family income in 2017 before taxes? *(check one only)*

[ ]  Less than $15,000

[ ]  $15,000 to less than $25,000

[ ]  $25,000 to less than $35,000

[ ]  $35,000 to less than $50,000

[ ]  $50,000 to less than $75,000

[ ]  $75,000 to less than $100,000

[ ]  $100,000 or more

[ ]  Don’t know

[ ]  Prefer not to answer

|  |
| --- |
| **HEALTH HISTORY** |

*These next questions will ask you about any health conditions you have or have had.*

| **Have you ever been told by a doctor that you had/have any of the following health conditions:** |
| --- |
| 61. Heart/Circulatory Conditions: | **Yes** | **If yes: year of diagnosis** | **No** | **Don’t know** | **Prefer not to answer** |
| Coronary heart disease | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Heart attack | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Angina (pain from coronary heart disease) | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Hypertension or high blood pressure | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Stroke | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| High fat or cholesterol in your blood | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Aneurysm | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| 62. Thyroid conditions: | **Yes** | **If yes: year of diagnosis** | **No** | **Don’t know** | **Prefer not to answer** |
| Benign (non-cancerous) thyroid tumor | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Hashimoto’s Disease | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Grave’s Disease | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| An underactive thyroid or hypothyroidism | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| An overactive thyroid or hyperthyroidism | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| A goiter or enlarged thyroid gland | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Some other thyroid or endocrine problem : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| 63. Liver conditions: | **Yes** | **If yes: year of diagnosis** | **No** | **Don’t know** | **Prefer not to answer** |
| Hepatitis | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Cirrhosis of the liver | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Yellow jaundice | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Fatty liver disease, not caused by drinking alcohol)  | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Some other type of liver condition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| 64. Other health conditions: | **Yes** | **If yes: year of diagnosis** | **No** | **Don’t know** | **Prefer not to answer** |
| Diabetes | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Pre-diabetes (impaired fasting glucose, impaired glucose tolerance, borderline diabetes or higher blood sugar than normal but not high enough to be called diabetes or sugar diabetes) | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Chronic kidney disease (CKD; chronic renal insufficiency) | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Porphyria (decreased red blood cell production due to abnormal porphyrin metabolism) | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Cancer  | Type 1: | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Type 2: | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |
| Type 3: | **[ ]**  |  | **[ ]**  | **[ ]**  | **[ ]**  |

|  |
| --- |
| **PRESCRIPTION MEDICATIONS** |

*These next questions will ask you about medications you may currently be taking.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Are you currently taking prescription medications for: | Yes | No | Don’t know | Prefer not to answer |
| 65. A thyroid condition | [ ]  | [ ]  | [ ]  | [ ]  |
| 66. Diabetes | [ ] YESIF YES, What kind?[ ]  Insulin[ ]  Oral medication[ ]  Both  | [ ]  | [ ]  | [ ]  |
| 67. High blood pressure | [ ]  | [ ]  | [ ]  | [ ]  |
| 68. High cholesterol | [ ]  | [ ]  | [ ]  | [ ]  |
| 69. Other health conditions | [ ]  | [ ]  | [ ]  | [ ]  |

**REPRODUCTIVE HISTORY – FEMALE ONLY**

*If male, skip to END SURVEY*

*These next questions will ask you about any children you have given birth to and breastfed.*

70. Have you ever been pregnant?

[ ]  Yes, *If yes,* 70a. How many times? \_\_\_\_\_\_\_

[ ]  No *END INTERVIEW*

 [ ] Don’t know *END INTERVIEW*

[ ]  Prefer not to answer *End survey*

71. How many of these pregnancies resulted in a live birth?

[ ]  Number of live births \_\_\_\_\_\_

[ ]  Never

[ ] Don’t know

[ ]  Prefer not to answer

72. Have you ever breastfed any children?

[ ]  Yes

[ ]  No *END INTERVIEW*

[ ]  Don’t know *END INTERVIEW*

[ ]  Prefer not to answer *END INTERVIEW*

72b. Tell me about the children you have breastfed from the first to the most recent child, including any children you are breastfeeding now.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Birth Year (YYYY)** | **Birthplace****(city/state/country)** | **Number of months breastfeeding?** | ***If number of months is unknown ask:*** **At what age did they stop breast feeding?** |
| 1st |  |  |  |  |
| 2nd |  |  |  |  |
| 3rd |  |  |  |  |
| 4th |  |  |  |  |
| 5th |  |  |  |  |
| 6th |  |  |  |  |
| 7th |  |  |  |  |
| 8th |  |  |  |  |
| 9th |  |  |  |  |
| 10th |  |  |  |  |

***END OF INTERVIEW***

***Interviewer script:***

Thank you for participating in this project. Before you leave today, we would like to know if you would be willing to invite 3 people from your community to participate in this project. Please DO NOT invite people who live in your home. We would give you 3 invitations and spend a few minutes today giving you some instructions on who to give these invitations to. The people you invite will need to bring the letter with them if they decide to participate in the project. We will give you an additional $15 gift card as a token of appreciation for each person that brings in this invitation and participates in this project like you did today.

1. Would you be willing to invite 3 people from your community to participate in this project?

 NO -> *thank the participant for their time and let them know they may leave.*

 YES -> *Record serial numbers on the invitations and give them to the participant.* Coupon 1 serial number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Coupon 2 serial number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Coupon 3 serial number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_