

Attachment 7d. 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

2. What is your birthdate?

____ / ____ / ____
mm dd yyyy

- Unknown → **2a. What is your age?** _____ years

3. 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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4. 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.

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

- _____ years
- Don't know
 - Prefer not to answer

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

- _____ years
- Don't know
 - Prefer not to answer

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

- _____ years
- Don't know
 - Prefer not to answer

8. When was this home built?

Approximate year: _____

9. 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

10. 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.

11. 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

12. 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 near Milwaukee. 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 MKE AOC water bodies)

- _____ 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

16. Please look at the picture of lakes, rivers, and streams near Milwaukee. 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/picture of water bodies)

- Eat less
- Same or about the same
- Eat more
- Don't know
- Prefer not to answer

17. Please look at this picture of lakes, rivers, and streams near Milwaukee. 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/picture of water bodies)

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: _____ <input type="checkbox"/> Don't know how many
Bluegill					Number: _____ <input type="checkbox"/> Don't know how many

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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?
Bullhead					Number: _____ <input type="checkbox"/> Don't know how many
Carp					Number: _____ <input type="checkbox"/> Don't know how many
Channel catfish					Number: _____ <input type="checkbox"/> Don't know how many
Chubs					Number: _____ <input type="checkbox"/> Don't know how many
Salmon					Number: _____ <input type="checkbox"/> Don't know how many
Northern pike					Number: _____ <input type="checkbox"/> Don't know how many
Redhorse					Number: _____ <input type="checkbox"/> Don't know how many
Rockbass					Number: _____ <input type="checkbox"/> Don't know how many
Largemouth bass					Number: _____ <input type="checkbox"/> Don't know how many
Smallmouth bass					Number: _____ <input type="checkbox"/> Don't know how many
Smelt					Number: _____ <input type="checkbox"/> Don't know how many
Walleye					Number: _____ <input type="checkbox"/> Don't know how many
White sucker					Number: _____ <input type="checkbox"/> Don't know how many
Yellow perch					Number: _____ <input type="checkbox"/> Don't know how many
Brown trout					Number: _____ <input type="checkbox"/> Don't know how many
Lake trout					Number: _____ <input type="checkbox"/> Don't know how many
Rainbow trout					Number: _____ <input type="checkbox"/> Don't know how many
Other fish types (please specify):					Number: _____ <input type="checkbox"/> Don't know how many
Other fish types (please specify):					Number: _____ <input type="checkbox"/> Don't know how many
Other fish types (please specify):					Number: _____ <input type="checkbox"/> Don't know how many

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.

18. 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: _____ <input type="checkbox"/> Don't know how many
Tilefish					Number: _____ <input type="checkbox"/> Don't know how many
Shark					Number: _____ <input type="checkbox"/> Don't know how many
Swordfish					Number: _____ <input type="checkbox"/> Don't know how many
Salmon (including canned)					Number: _____ <input type="checkbox"/> Don't know how many
Canned light tuna					Number: _____ <input type="checkbox"/> Don't know how many
Canned white or albacore tuna					Number: _____ <input type="checkbox"/> Don't know how many
Fresh or frozen tuna					Number: _____ <input type="checkbox"/> Don't know how many
Tilapia					Number: _____ <input type="checkbox"/> Don't know how many
Halibut					Number: _____ <input type="checkbox"/> Don't know how many
Cod					Number: _____ <input type="checkbox"/> Don't know how many
Shellfish (such as shrimp, mussels, etc.)					Number: _____ <input type="checkbox"/> Don't know how many
Other fish not listed here, please specify:					Number: _____ <input type="checkbox"/> Don't know how many

FISH PASTE

19. 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

20. 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

21. 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

22. 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).

- | | | |
|--|--|--|
| <input type="checkbox"/> Black crappie | <input type="checkbox"/> Northern pike | <input type="checkbox"/> Walleye |
| <input type="checkbox"/> Bluegill | <input type="checkbox"/> Redhorse | <input type="checkbox"/> White sucker |
| <input type="checkbox"/> Bullhead | <input type="checkbox"/> Rock bass | <input type="checkbox"/> Yellow perch |
| <input type="checkbox"/> Carp | <input type="checkbox"/> Largemouth bass | <input type="checkbox"/> Brown trout |
| <input type="checkbox"/> Channel catfish | <input type="checkbox"/> Smallmouth bass | <input type="checkbox"/> Lake trout |
| <input type="checkbox"/> Chubs | <input type="checkbox"/> Smelt | <input type="checkbox"/> Rainbow trout |
| <input type="checkbox"/> Chinook salmon | <input type="checkbox"/> Coho salmon | |
- Other species, specify: _____
- Don't know
- Prefer not to answer

23. 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.

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24. 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					

25. 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					

26. 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

27. 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

28. 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.

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

- Yes
- No → Skip to #32
- Don't know → Skip to #32
- Prefer not to answer → Skip to #32

30. 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

31. How closely do you follow the advice provided in these guidelines?

- Not at all
- A little bit
- Somewhat
- Very
- Extremely
- Prefer not to answer

32. 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 #35
- Don't know → Skip to #35
- Prefer not to answer → Skip to #35

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33. 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

34. How closely do you follow the advice provided in these guidelines?

- Not at all
- A little bit
- Somewhat
- Very
- Extremely
- Prefer not to answer

35. 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

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36. 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Wisconsin Department of Natural Resources website or publications	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Wisconsin Department of Health Services website or publications	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Federal agencies, such as the Environmental Protection Agency (EPA) or the Food and Drug Administration (FDA)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer

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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?
Friends or family members	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Fishing regulations booklet distributed with fishing license, pictured here	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Choose Wisely - a health guide for eating fish in Wisconsin, pictured here	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Tackle or sporting goods stores	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
County health office or website	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer

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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?
	answer	<input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	answer	
Grocery store or food market	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Fish eating guidelines posted near waters that I fish (see example picture)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
Television, radio and/or newspaper messages/reports	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
My health care provider	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer

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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?
Charter boat operators or guides	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer
iPhone/Smartphone apps (e.g., DNR Pocket Ranger Fish and Wildlife app), pictured here	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Not useful <input type="checkbox"/> Somewhat useful <input type="checkbox"/> Very useful <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Prefer not to answer	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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.

37. 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: _____ <input type="checkbox"/> Don't know how many
Crows or other scavenger birds					Number: _____ <input type="checkbox"/> Don't know how many
Deer					Number: _____ <input type="checkbox"/> Don't know how many
Frogs or toads					Number: _____ <input type="checkbox"/> Don't know how many
Rats or mice					Number: _____ <input type="checkbox"/> Don't know how many
Rabbits					Number: _____ <input type="checkbox"/> Don't know how many
Groundhogs					Number: _____ <input type="checkbox"/> Don't know how many
Squirrels					Number: _____ <input type="checkbox"/> Don't know how many

38. 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.

39. 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				

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Fish oil				
Store-bought Betel nut				
Natural or hand-made Betel nut				

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

- Yes, Homemade
- Yes, Store bought
- No → *Skip to #42*
- Don't know → *Skip to #42*
- Prefer not to answer → *Skip to #42*

41. How often do you use Thanakar?

_____ times per (circle one) week month year

- Don't know
- Prefer not to answer

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

- Yes (*Ever smoker*)
- No (*Never smoker*) → *Skip to #45*
- Don't know → *Skip to #45*
- Prefer not to answer → *Skip to #45*

43. Do you smoke cigarettes now?

- Yes
- No → *Skip to #45*
- Don't know → *Skip to #45*
- Prefer not to answer → *Skip to #45*

44. 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

45. Do you use chewing tobacco or snuff?

- Yes
- No → *Skip to #47*
- Don't know → *Skip to #47*
- Prefer not to answer → *Skip to #47*

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

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- Daily
- Weekly
- Monthly
- Don't know
- Prefer not to answer

47. 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

48. 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.

49. 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*

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

Number: _____ (If 0, → *SKIP to #51*)

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- Don't know → *SKIP to #51*
- Prefer not to answer → *SKIP to #51*

50a. Do any of these women eat locally caught fish?

- Yes
- No
- Don't know
- Prefer not to answer

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

Number under 15 years: _____ (if 0 → *SKIP to #52*)

- Don't know → *SKIP to #52*
- Prefer not to answer → *SKIP to #52*

51a. 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.

52. 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

53. What is your current marital status?

- Married
- Living with someone in a marriage-like relationship
- Separated
- Divorced
- Widowed
- Never married
- Prefer not to answer

54. Do you currently work outside the home?

- Yes, Full-time
- Yes, Part-time
- No → *SKIP to #55*
- Don't know → *SKIP to #55*
- Prefer not to answer → *SKIP to #55*

54a. 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? _____

54b. Do you have a second job?

- Yes
- No → *SKIP to #55*
- Don't know → *SKIP to #55*
- Prefer not to answer → *SKIP to #55*

54bi. What is your second job?

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Title _____

Who is your employer? _____

What are your usual activities or duties? _____

54c. Have you worked at any (other) job in the past year?

- Yes, Full-time
- Yes, Part time
- No → *SKIP to #55*
- Don't know → *SKIP to #55*
- Prefer not to answer → *SKIP to #55*

54ci. What was this other job?

Title _____

Who is your employer? _____

What are your usual activities or duties? _____

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

- Yes
- No
- Don't know
- Prefer not to answer

56. Can you tell me your total family income in 2016 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:					
57. Heart/Circulatory Conditions:	Yes	If yes: year of diagnosis	No	Don't know	Prefer not to answer
Coronary heart disease	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Have you ever been told by a doctor that you had/have any of the following health conditions:					
Heart attack	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Angina (pain from coronary heart disease)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hypertension or high blood pressure	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stroke	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High fat or cholesterol in your blood	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aneurysm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58. Thyroid conditions:	Yes	If yes: year of diagnosis	No	Don't know	Prefer not to answer
Benign (non-cancerous) thyroid tumor	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hashimoto's Disease	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grave's Disease	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
An underactive thyroid or hypothyroidism	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
An overactive thyroid or hyperthyroidism	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A goiter or enlarged thyroid gland	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Some other thyroid or endocrine problem : _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59. Liver conditions:	Yes	If yes: year of diagnosis	No	Don't know	Prefer not to answer
Hepatitis	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cirrhosis of the liver	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yellow jaundice	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fatty liver disease, not caused by drinking alcohol)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Some other type of liver condition: _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60. Other health conditions:	Yes	If yes: year of diagnosis	No	Don't know	Prefer not to answer
Diabetes	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Have you ever been told by a doctor that you had/have any of the following health conditions:					
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)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chronic kidney disease (CKD; chronic renal insufficiency)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porphyria (decreased red blood cell production due to abnormal porphyrin metabolism)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cancer	Type 1:	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Type 2:	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Type 3:	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

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
61. A thyroid condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62. Diabetes	<input type="checkbox"/> YES IF YES, What kind? <input type="checkbox"/> Insulin <input type="checkbox"/> Oral medication <input type="checkbox"/> Both	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63. High blood pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64. High cholesterol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65. Other health conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.

66. Have you ever been pregnant?

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- Yes, *If yes, 66a. How many times?* _____
- No *END INTERVIEW*
- Don't know *END INTERVIEW*
- Prefer not to answer *End survey*

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

- Number of live births _____
- Never
- Don't know
- Prefer not to answer

68. Have you ever breastfed any children?

- Yes
- No *END INTERVIEW*
- Don't know *END INTERVIEW*
- Prefer not to answer *END INTERVIEW*

68b. 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?	<i>If number of months is unknown ask: At what age did they stop breast feeding?</i>
1 st				
2 nd				
3 rd				
4 th				
5 th				
6 th				
7 th				
8 th				
9 th				
10 th				

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

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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: _____