

Participant ID#

Date survey completed: ____/____/____ (mo/day/yr)

Survey administered by _____ (first name) _____ (last name)

Quick Survey for Mercury Exposure Sources

I would like to ask you some questions that will help us understand how you may have been exposed to mercury. This is a voluntary survey. You can refuse to answer questions, you can skip any of the questions, or you can stop at any time.

I'll start by asking you questions about your typical fish consumption, because some types of fish contain mercury.

1. Do you eat fish?
- ☐ Yes
 - ☐ No
 - ☐ Don't know / unsure
 - ☐ Refused

If participant does not eat fish and did not eat fish when the blood/urine sample was taken, skip to question 10 (page x).

2. Do you eat fish that comes from stores, markets, or restaurants? This includes canned tuna.
- ☐ **Yes (Go to a)**
 - ☐ No
 - ☐ Don't know / unsure
 - ☐ Refused

a. How many times do you usually eat fish in a month?

_____ ☐ Don't know ☐ Refused

3. In the past **30 days**, what were the 5 types of fish you ate most frequently from stores, restaurants, or street sellers? ☐ Don't know ☐ Decline

- | | |
|----|----|
| 1. | 4. |
| 2. | 5. |
| 3. | |

4. Do you eat canned albacore tuna? This type of canned tuna is different than “chunk light” tuna and is generally more expensive. It is also called white tuna because the color of the meat is white.

☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

- a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

- b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of albacore tuna the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

5. Do you eat canned chunk light tuna?

☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

- a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

- b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of canned chunk light tuna the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

Script for interviewer: For your information, canned chunk light tuna is different from the other fish I'm asking you about in this survey. It is low in mercury, but a person eating it every day can have elevated mercury levels. Women ages 18-45 and children can safely eat up to 2 servings per week.

6. Fresh or frozen tuna, for example tuna in sushi or tuna steaks?

☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

- a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

- b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of fresh or frozen tuna the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

7. I will now read you a list of high mercury fish that are found in stores, markets, and restaurants. Do you eat any of the following types of fish from stores, markets, or restaurants?

1) **Shark** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of shark the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

2) **Swordfish** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of swordfish the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

3) **Tilefish** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of tilefish the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

- 4) **King Mackerel** (There are other types of mackerel that are not high in mercury, but King Mackerel specifically is high in mercury.)

☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If **Yes** – If you can recall back to the time we collected a blood sample from you, were you eating the same amount of King Mackerel the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

5) **Orange Roughy** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of orange roughy the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

8. Do you eat fish that you, your family, or friends catch?

☐ **Yes (Go to a and b)**

☐ No

☐ Don't know

☐ Refused

a. Where are these fish usually caught?

_____ ☐ Don't know ☐ Refused

b. Would you like us to mail you information on advisories specific to the locations you mentioned?

☐ Yes ☐ No ☐ Don't know ☐ Refused

I will now read you a list of high mercury fish that can be caught in California lakes, rivers, bays, and the ocean. Do you eat the following types of fish that you, your family, or friends catch?

1) **Shark** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of shark the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

2) **Striped bass (striper)** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of striped bass the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

3) **Other types of bass**, like largemouth, smallmouth, or spotted bass (Black Bass)

☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of other types of bass the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

4) **Carp** ☐ **Yes (Go to a and b)** ☐ No ☐ Don't know ☐ Refused

a. How many times in the last 30 days?

_____ ☐ Don't know ☐ Refused

b. If you can recall back to the time we collected a blood sample from you, were you eating the same amount of carp the month before that? If not, please explain. (probe, if needed)

☐ Yes ☐ No ☐ Don't know ☐ Refused

Elevated Mercury Follow-up Survey

9. Do you eat other types of fish that you, your family, or friends catch?

☐ **Yes (Go to a)**

☐ No

☐ Don't know

☐ Refused

a. What types of fish and where are they caught?

10. I am now going to read you a list of products that can contain mercury and ask you if something on the list was broken in your home during the past few years.

1) A mercury-containing thermometer (old thermometers may contain mercury)

☐ Yes ☐ No ☐ Don't know ☐ Refused

If Yes, when did this happen ____/____/____(mo/day/year) ☐ Don't know

2) Barometers

☐ Yes ☐ No ☐ Don't know ☐ Refused

If Yes, when did this happen ____/____/____(mo/day/year) ☐ Don't know

3) Blood pressure gauges

☐ Yes ☐ No ☐ Don't know ☐ Refused

If Yes, when did this happen ____/____/____(mo/day/year) ☐ Don't know

4) Fluorescent light bulbs, including the new compact fluorescent bulbs

☐ Yes ☐ No ☐ Don't know ☐ Refused

If Yes, when did this happen ____/____/____(mo/day/year) ☐ Don't know

11. Mercury can also be found in old thermostats, gauges, and antiques, and it is used in some cultural rituals. Do you recall using any mercury-containing products or having a mercury spill in your home in the past few years?

☐ Yes ☐ No ☐ Don't know ☐ Refused

If Yes, when did this happen ____/____/____(mo/day/year) ☐ Don't know

12. Silver-colored dental fillings also contain mercury. Do you have any silver-colored fillings?

☐ **Yes (Go to a, b, and c)**

☐ **No (Go to c)**

☐ **Don't know (Go to c)**

☐ **Refused (Go to c)**

a. Are any of these recent fillings (within last 6 months)?

Elevated Mercury Follow-up Survey

☐ Yes (number _____) ☐ No ☐ Don't know ☐ Refused

b. Do any of your silver-colored fillings have cracks or need repair?

☐ Yes ☐ No ☐ Don't know ☐ Refused

c. Have you had any silver-colored fillings removed in the last 6 months?

☐ Yes ☐ No ☐ Don't know ☐ Refused

13. In the past 12 months, have you used any skin-lightening cream, acne cream, or germicidal soap that you or someone else has obtained from Mexico, the Dominican Republic, China, India, or another foreign country?

☐ Yes ☐ No ☐ Don't know ☐ Refused

Script for interviewer: For your information, mercury has also been found in some foreign-made skin-lightening creams, acne creams, and germicidal soaps.

14. Certain occupational settings or job-related activities may result in mercury exposures. Did you work at a job (paid or unpaid) at the time we collected your blood and urine samples [INSERT DATE FOR THIS PARTICIPANT]?

☐ **Yes (Go to a and b)**

☐ No (skip to Question 15)

☐ Don't know (skip to Question 15)

☐ Refused (skip to Question 15)

a. At the time we collected your blood and urine samples, did you work at any of the following businesses or job sites?

☐ Dental office

☐ Doctor's office

☐ Electronics, battery, or fluorescent light bulb recycling facility

☐ Chemical or fluorescent light bulb manufacturing facility

☐ Research laboratory

If none of the above, please tell me what kind of company or business do/did you work for: _____

☐ Don't know

☐ Refused

b. Do you know if you were ever exposed to mercury as part of your job?

☐ Yes ☐ No ☐ Don't know ☐ Refused

If Yes, when did this happen ____/____/____ (mo/day/year) ☐ Don't know

15. Do you have any other information about your possible current or past mercury exposures?
-

Note to interviewer: If the participant had any responses that showed s/he has been exposed to mercury (eating high mercury fish, broken thermometer, etc.), read the script below and follow the italicized instructions:

Based on your answers to this survey, I would like to go over some ways you could reduce your exposure to mercury. [*Review relevant information on mercury fact sheet*]

If the participant has questions you cannot answer, you can say: I'm not able to answer these questions right now, but I can consult with other program staff, and we can get back to you. Could you tell me some times that you would be available to talk with us?
