

Nurses' Health Study II



SPECIAL HIGH SCHOOL QUESTIONNAIRE

Channing Laboratory • 181 Longwood Avenue • Boston, Massachusetts 02115-5804 •
 Telephone (617) 525-2279 • Facsimile (617) 525-2008

Dear Colleague:

Thank you for completing the 1997 Nurses' Health Study II questionnaire. Enclosed you will find a copy of the new NHS newsletter.

This year, in a one-time change from our usual biennial questionnaires, we are sending this **special** questionnaire regarding your diet during your high school years. You may recall that on the 1997 questionnaire, you indicated your willingness to complete a survey about the foods you ate during high school.

Accurate data about teenage dietary intake in relation to development of disease in adulthood are very scarce. Your answers, along with those of the other NHS II members who complete this form, will create a large and detailed source of information about teenage diet for future study!

I realize that for most of us, high school seems like a *long* time ago. While it may seem difficult to recall with great precision how often each of these foods was eaten, we are confident that your best estimates will prove to be quite informative.

As always, your answers will be kept strictly confidential and used only for medical statistical purposes. I look forward to receiving your completed form in the coming weeks. A postage-paid envelope is enclosed for your convenience.

In closing, let me thank you again for your continuing dedicated involvement with the Nurses' Health Study II. Your participation makes you part of a very special and important group and for that, we are grateful!

Sincerely,

Walter Willett

Walter Willett, M.D.

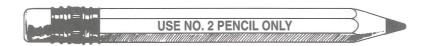
Professor of Epidemiology, Nutrition and Medicine

P.S. We look forward to receiving your completed questionnaire in the coming weeks. Your reply is important and we really appreciate your enthusiastic participation!

INSTRUCTIONS

Please use an ordinary No. 2 pencil (if at all possible). Remember that all the questions about your diet refer to the years that you attended high school (approximately ages 13 to 18).

Please keep all write-in responses **within** the spaces provided. Write any comments on a separate sheet.



Thank you for completing this special Nurses' Health Study II Questionnaire.

Please tear off the cover letter (to preserve confidentiality) and return the questionnaire in the enclosed postage-paid envelope.

If you need to make changes or corrections to your name/address, please note them on this cover letter and enclose it with your completed questionnaire.

9. How often did you eat deep fried chicken, fish, shrimp or clams away from home during high school?

O Less than once a week O 1–3 times per week O 4–6 times per week O Daily

O Vegetable oil

Olive oil

Printed in U.S.A.

Real butter

Mark Reflex® by NCS EM-219053-1:65432

Margarine

Vegetable shortening (Crisco)

| | HARVARD UNIVERSITY PAGE 2 | | | | | | | | 1 | N298 |
|--------|--|---------------|--------------|-------------|-------------|-------------|------------|--------------|------------|-----------|
| 10. | Is this your correct date of birth? | | | | | | | | | |
| 200000 | (2) | | | | | | 2 | | | |
| 1 | Yes No If no, please write correct / / (8) (8) | | | (4) | | | 8 | | | |
| | date. Month / Day / Year | | | | | | | | 0 (5) (1) | |
| | | | J | | | <i></i> | | | | |
| | | | | | · | 1 | HIS | IS Y | OUF | ID |
| | Each of the following questions cake about you | u di | 0404 | v bo | hita | wh | on 1/ | 011 1 | | |
| | Each of the following questions asks about you in high school (approximately ages 13 to 18). | ı dı | etai | y IIa | פוועו | VVIII | en y | ou v | vere | |
| | in high school (approximately ages 13 to 16). | | | | | | | | | |
| 11. | For each food listed, fill in the circle indicating how often on | ever, | | | | | | | | |
| | average you used the amount specified between ages 13 and 16. | less once | 1–3 per | 1 per | 2-4 per | 5–6 per | 1 per | 2-3 per | 4–5 per | 6+ per |
| | | | month | | week | | day | day | day | day |
| | Eggs, including yolk (1) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 |
| | Chicken or turkey, fried, roasted or baked (4–6 oz.) | 0 | 0 | w | 0 | 0 | 0 | 0 | 0 | 0 |
| | Chicken or turkey as a sandwich or mixed dish, e.g., | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 |
| | chicken salad, sliced turkey sandwich, chicken casserole | | | (W) | | | 0 | | | |
| | Bacon (2 slices) | 0 | 0 | W | 0 | 0 | 0 | 0 | U | 0 |
| | Hot dogs (1) | 0 | 0 | W | | | D | | | |
| | Processed meats, e.g., "Spam," salami, bologna, | O | O | (W) | O | O | (D) | O | O | O |
| | sausage, etc. (1 piece or slice) | | | | | | | | | |
| | Hamburger (1) | 0 | 0 | W | . 0 | 0 | D | 0 | 0 | 0 |
| | Meatloaf (1 slice) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | Beef or lamb as main dish, e.g., steak or roast (4–6 oz.) | | | W | | | D | 0 | 0 | 0 |
| | Pork as a main dish, e.g., ham or chops (4–6 oz.) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | Beef, pork or lamb as a sandwich or mixed dish, e.g., stew, | 0 | 0 | W | 0 | | 0 | 0 | 0 | 0 |
| | "Hamburger Helper," lasagna, meatballs, chili, tacos | | 131 G (4 | e alour | 14 KG 36 | | | | | |
| | Pasta (such as macaroni and cheese, spaghetti) (1 cup) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pizza (2 slices) | 0 | 0 | W | 0 | 0 | (D) | 0 | 0 | 0 |
| | Canned tuna fish (3–4 oz.) in sandwich, casserole, etc. Dark meat fish, e.g., mackerel, salmon, sardines, bluefish, | 0 | 0 | W | 0 | | 0 | 0 | 0 | 0 |
| | swordfish (3–5 oz.) | | | | | | 0 | | | |
| | Breaded fish cakes, pieces, or fish sticks | 0 | | (W) | | | (D) | 0 | | |
| | (store bought – 1 serving) | | | | | | | | | |
| | Other fish (3–5 oz.) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | Shrimp, lobster, scallops as main course (1 serving) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | Chowder or cream soup (1 bowl) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | Liver: beef, calf or pork (4 oz.) Never 1–5/yr. | | -10/yr. | | /mo. | | -3/mo | | /wk or | |
| | Liver: chicken or turkey (1 oz.) Never 1–5/yr. | () 6 | –10/yr. | () 1 | /mo. | () 2 | -3/mo | 01 | /wk or | more |
| | No | ver, | | | 1 | | - | | , | |
| | or | less | 1–3 | 1 | 2-4 | 5–6 | . 1 | 2–3 | 4–5 | 6+ |
| | | once nonth | per month | per week | per week | per week | per day | per day | per day | per |
| | Cold breakfast cereal (1 bowl) | 0 | | W | 0 | 0 | D | 0 | 0 | 0 |
| | Hot breakfast cereal, like oatmeal, grits (1 bowl) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | White bread (include bread for sandwiches, toast, | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| | French toast, etc.) (1 slice) | 10 | TOWN. | delicher | alve to a | B. BRO. | 101 | | | |
| | Dark bread (1 slice) | 0 | O | w | 0 | 0 | D | 0 | 0 | 0 |
| | English muffins or bagels (1) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 |
| | Muffin (1) | 0 | 0 | W | 0 | 0 | (D) | 0 | 0 | 0 |
| | Cornbread, corn toasties (1 square) | 0 | 0 | w | 0 | 0 | (D) | 0 | 0 | 0 |
| | Biscuit/roll (1) | 0 | 0 | W | 0 | 0 | (D) | 0 | 0 | 0 |
| | Rice (1 cup) Tortilla (1) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 |
| | Pancakes (2) or waffles (1) | 0 | 0 | W | O | 0 | (D) | 0 | 0 | 0 |
| | French fries (1 serving) | O | Ŏ | W | 0 | 0 | (D) | 0 | Ŏ | 0 |
| | The state of the s | <u></u> | Ŏ | (W) | Ŏ | Ŏ | 0 | Ŏ | Ŏ | O |
| | Potatoes (1 baked, 1 boiled or 1 cup mashed) | | | (44) | | | (-) | | | |

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These questions ask about your dietary habits between ages 13 and 18.

| | the circle indicating how often <u>on</u> |
|--------------------------|---|
| average you used the amo | unt specified between ages 13 and 18. |

| ill in the circle indicating how often <u>on</u> amount specified between ages 13 and 18. | Never, or less than once | 1-3 per | 1 per | 2-4 per | 5–6 per | 1 per | 2-3 per | 4–5 per | 6+ per |
|--|--------------------------------|------------|----------|------------|------------|----------|------------|------------|-----------|
| FRUITS | per month | | | | | day | day | day | day |
| Raisins (small pack or 1½ oz.) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Grapes (bunch) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Bananas (1) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Apples (1) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Applesauce (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Cantaloupe, melons (1/4 melon) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Pears (1) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Oranges (1), grapefruit (½) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Strawberries (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Peaches, plums, apricots (1) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Pineapple, fresh or canned (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Orange juice (6 oz.) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Apple juice (6 oz.) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Other fruit juices (6 oz.) | | 0 | W | 0 | 0 | D | 0 | 0 | |

Please try to average your seasonal use of foods over the entire year. For example, if a food such as cantaloupe was eaten 4 times a week during the approximate 3 months that it is in season, then the average use would be once per week.

| VEGETABLES | Never, or less than once per month | 1–3 per month | 1 per week | 2–4 per week | 5–6 per week | 1 per day | 2–3 per day | 4–5 per day | 6+ per day | |
|---|---|---------------------|------------------|--------------------|--------------------|-----------------|-------------------|-------------------|------------------|--|
| Tomatoes (1) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Tomato sauce (½ cup) e.g., spaghetti sauce | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| String beans (½ cup) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 | |
| Beans/lentils (½ cup)-include beans in chili, burritos, | etc. | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Broccoli or Brussels sprouts (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Cauliflower (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Corn (½ cup or 1 ear) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Peas or lima beans (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Mixed vegetables (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Spinach, raw (1 cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Spinach, cooked (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Mustard/kale/chard greens (½ cup) | | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Green peppers (3 slices or 1/4 cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Eggplant, zucchini or other summer squash (½ cu | p) 🔾 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Yams/sweet potatoes (1) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Carrots, cooked (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Carrots, raw (½ cup or 2–4 sticks) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 | |
| Celery (4" stalk) | 0 | 0 | W | 0 | 0 | 0 | 0 | 0 | 0 | |
| Radish (2) | 0 | 0 | W | 0 | 0 | (D) | 0 | 0 | 0 | |
| Lettuce/tossed salad (1 cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Cabbage or cole slaw (½ cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Potato salad (1/3 cup) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Onions as a garnish or in salad (1 slice) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |
| Onions as a vegetable, rings or soup (1 onion) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 | |

| CONDIMENTS | Never, or less than once per month | 1–3 per month | 1 per week | 2–4 per week | 5–6 per week | 1 per day | 2–3 per day | 4–5 per day | 6+ per day |
|---|---|---------------------|------------------|--------------------|--------------------|-----------------|-------------------|-------------------|------------------|
| Brown gravy (2 Tbs) | | 0 | W | 0 | 0 | D | 0 | 0 | |
| Ketchup (1 Tbs) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | |
| Mayonnaise (1 Tbs) | | 0 | W | 0 | 0 | (D) | 0 | 0 | 0 |
| Salad dressing (1 Tbs) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Peanut butter (1 Tbs) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Jams, jellies, syrup, honey, or Fluff (1 Tbs) | 0 | 0 | W | 0 | 0 | D | 0 | 0 | 0 |
| Garlic (1 clove or 4 shakes) | 0 | 0 | W | 0 | 0 | (D) | 0 | 0 | 0 |

Thank You! Please return completed form to: Walter Willett, M.D., 181 Longwood Ave., Boston, MA 02115

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Yes Please write your e-mail address in the box so we can send you occasional updates on the progress of the Nurses' Health Study II!

Please write neatly and carefully differentiate numbers and letters (e.g., 1 vs. I)