



PLEASE REPLY TO:

Channing Laboratory
 180 Longwood Ave.
 Boston, Mass. 02115
 617-732-2279

It is now six years since you responded to the first Nurses' Health Study questionnaire and I am very grateful for your cooperation and participation in the research project. This study was initially approved for a period of five years, but recently was favorably reviewed by the National Institutes of Health and received funding to continue for another five years. In this review, it was clear that the most unique and important features of the Nurses' Health Study were the extraordinary participation rate and the highly accurate information being provided by you and your colleagues.

Since I last wrote to you, several additional papers based on this study have been published relating to myocardial infarction, cancer of the breast, and malignant melanoma (see references below). We are continuing to assess the health effects of hair dyes, smoking, hormones and certain medications. In addition, the coming years will begin to provide valuable information which can be related to detailed dietary data obtained on the 1980 questionnaire. Findings from these analyses will be reported to you as they become available.

Although each form will be reviewed by one of us, you will note that this year's questionnaire has been designed so that it can be read by an optical scanning machine. This will enable us to process responses more rapidly and efficiently. It is important to mark the form using an ordinary (e.g. No. 2) pencil and to make no marks on the form other than where indicated. Please use a separate sheet for additional comments. Of course, all information provided will remain confidential and be used for medical statistical purposes only.

Through the biennial Nurses' Health Study questionnaire we are learning about causes of cancer, heart disease and other important illnesses. The aim, of course, is to discover means of preventing these diseases. Your participation is a critical contribution toward this goal.

Yours Sincerely,

Frank E. Speizer, M.D.
 Principal Investigator

- *References: 1. Am. J. Epidemiol., 1981, Vol. 114, p.705, Early Age at First Birth and Decreased Risk of Breast Cancer. (Women who delivered their first child at younger ages experienced a decreased risk of breast cancer)
 2. J. Natl. Cancer Inst., 1982, Vol. 68, Oral Contraceptive Use and Malignant Melanoma (Use of oral contraceptives was not related to risk of melanoma)
 3. Am. J. Epidemiol., 1981 Vol. 113, p. 575. Cigarette Smoking and Non-Fatal Myocardial Infarction in Women. (Current smoking substantially increases the risk of non-fatal MI).

Advisory Board

Thelma M. Schorr, R.N.
 President, American Journal of Nursing.

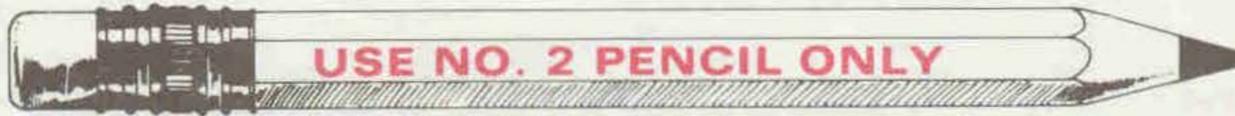
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INSTRUCTIONS



Please use an ordinary pencil to answer all questions by completely filling in the appropriate response circle, or by writing the requested information if a space is provided. Note that some questions ask for information since June 1980, some ask for current status, and some ask about events over longer periods. Because this form is meant to be read by optical-scanning equipment, it is important for you to make no stray marks and to keep any write-in responses within the provided spaces. Should you need to change a response, erase incorrect mark completely. If you have comments, please write them on a separate paper.

EXAMPLE 1: Do you live in the United States? No Yes

Fill circle completely, do not mark this way:

EXAMPLE 2: Where were you born?

Keep hand-writing within borders of the response box.

EXAMPLE 3: DATE OF BIRTH AND CURRENT WEIGHT:

a) Write in birthdate and weight in the boxes at the top of each grid. For example, May 9, 1921 would be

b) Below each number, fill in the circle that corresponds to that number

1. DATE OF BIRTH

MONTH	DAY	YEAR
0 5	0 9	2 1
<input checked="" type="radio"/> 0	<input checked="" type="radio"/> 0	<input type="radio"/> 0
<input type="radio"/> 1	<input type="radio"/> 1	<input type="radio"/> 1
<input type="radio"/> 2	<input type="radio"/> 2	<input type="radio"/> 2
<input type="radio"/> 3	<input type="radio"/> 3	<input type="radio"/> 3
<input type="radio"/> 4	<input type="radio"/> 4	<input type="radio"/> 4
<input checked="" type="radio"/> 5	<input type="radio"/> 5	<input type="radio"/> 5
<input type="radio"/> 6	<input type="radio"/> 6	<input type="radio"/> 6
<input type="radio"/> 7	<input type="radio"/> 7	<input type="radio"/> 7
<input type="radio"/> 8	<input type="radio"/> 8	<input type="radio"/> 8
<input type="radio"/> 9	<input checked="" type="radio"/> 9	<input type="radio"/> 9

and 140 pounds:

2. CURRENT WEIGHT

1 4 0	lbs.	
<input type="radio"/> 0	<input type="radio"/> 0	<input checked="" type="radio"/> 0
<input checked="" type="radio"/> 1	<input type="radio"/> 1	<input type="radio"/> 1
<input type="radio"/> 2	<input type="radio"/> 2	<input type="radio"/> 2
<input type="radio"/> 3	<input type="radio"/> 3	<input type="radio"/> 3
<input type="radio"/> 4	<input checked="" type="radio"/> 4	<input type="radio"/> 4
<input type="radio"/> 5	<input type="radio"/> 5	<input type="radio"/> 5
<input type="radio"/> 6	<input type="radio"/> 6	<input type="radio"/> 6
<input type="radio"/> 7	<input type="radio"/> 7	<input type="radio"/> 7
<input type="radio"/> 8	<input type="radio"/> 8	<input type="radio"/> 8
<input type="radio"/> 9	<input type="radio"/> 9	<input type="radio"/> 9

and fill circles that correspond to 140

Thank you for completing the 1982 NURSES' HEALTH STUDY Questionnaire:

1. Tear off cover letter (including stub).
2. Return questionnaire in enclosed prepaid envelope.



0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

<p>1. DATE OF BIRTH</p> <table border="1"> <tr> <th>MONTH</th> <th>DAY</th> <th>YEAR</th> </tr> <tr> <td>0</td><td>0</td><td>0</td> </tr> <tr> <td>1</td><td>1</td><td>1</td> </tr> <tr> <td>2</td><td>2</td><td>2</td> </tr> <tr> <td>3</td><td>3</td><td>3</td> </tr> <tr> <td>4</td><td>4</td><td>4</td> </tr> <tr> <td>5</td><td>5</td><td>5</td> </tr> <tr> <td>6</td><td>6</td><td>6</td> </tr> <tr> <td>7</td><td>7</td><td>7</td> </tr> <tr> <td>8</td><td>8</td><td>8</td> </tr> <tr> <td>9</td><td>9</td><td>9</td> </tr> </table>	MONTH	DAY	YEAR	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	<p>2. CURRENT WEIGHT</p> <p>lbs.</p> <table border="1"> <tr> <td>0</td><td>0</td><td>0</td> </tr> <tr> <td>1</td><td>1</td><td>1</td> </tr> <tr> <td>2</td><td>2</td><td>2</td> </tr> <tr> <td>3</td><td>3</td><td>3</td> </tr> <tr> <td>4</td><td>4</td><td>4</td> </tr> <tr> <td>5</td><td>5</td><td>5</td> </tr> <tr> <td>6</td><td>6</td><td>6</td> </tr> <tr> <td>7</td><td>7</td><td>7</td> </tr> <tr> <td>8</td><td>8</td><td>8</td> </tr> <tr> <td>9</td><td>9</td><td>9</td> </tr> </table>	0	0	0	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	<p>3. SINCE JUNE 1980 HAVE YOU HAD A PREGNANCY LASTING SIX MONTHS OR MORE?</p> <p><input type="radio"/> NO <input type="radio"/> YES → IF YES, THE DELIVERY DATE WAS:</p> <p><input type="radio"/> 1980 <input type="radio"/> 1981 <input type="radio"/> 1982 <input type="radio"/> 1983</p>	<p>4. WHICH BEST DESCRIBES THE REGULARITY OF YOUR NATURAL MENSTRUAL PERIODS BETWEEN THE AGES 20 TO 35 WHEN YOU WERE NEITHER PREGNANT NOR TAKING ORAL CONTRACEPTIVES?</p> <p><input type="radio"/> VERY REGULAR (WITHIN EIGHT DAYS) <input type="radio"/> USUALLY REGULAR <input type="radio"/> USUALLY IRREGULAR <input type="radio"/> VERY IRREGULAR</p>
MONTH	DAY	YEAR																																																																
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5. HAVE YOUR MENSTRUAL PERIODS CEASED PERMANENTLY?

NO YES → IF YES,

<p>IF NO ↓</p>	<p>a) AT WHAT AGE? (age)</p> <table border="1"> <tr> <td>0</td><td>0</td> </tr> <tr> <td>1</td><td>1</td> </tr> <tr> <td>2</td><td>2</td> </tr> <tr> <td>3</td><td>3</td> </tr> <tr> <td>4</td><td>4</td> </tr> <tr> <td>5</td><td>5</td> </tr> <tr> <td>6</td><td>6</td> </tr> <tr> <td>7</td><td>7</td> </tr> <tr> <td>8</td><td>8</td> </tr> <tr> <td>9</td><td>9</td> </tr> </table>	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	<p>b) FOR WHAT REASON?</p> <p><input type="radio"/> NATURALLY <input type="radio"/> RADIATION <input type="radio"/> SURGERY</p>	<p>c) IF DUE TO SURGERY, WERE YOUR OVARIES REMOVED?</p> <p><input type="radio"/> YES, BOTH <input type="radio"/> ONE ONLY <input type="radio"/> NOT REMOVED <input type="radio"/> NOT APPLICABLE</p>	<p>d) IF YOU HAD A NATURAL (NON-SURGICAL) MENOPAUSE, HAVE YOU SUBSEQUENTLY HAD SURGERY TO REMOVE OVARIES OR UTERUS?</p> <p><input type="radio"/> BOTH OVARIES REMOVED <input type="radio"/> ONE OVARY REMOVED <input type="radio"/> UTERUS REMOVED <input type="radio"/> NO SUCH SURGERY <input type="radio"/> NOT APPLICABLE</p>
0	0																							
1	1																							
2	2																							
3	3																							
4	4																							
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7	7																							
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9	9																							

6. SINCE JUNE 1980, HAVE YOU USED FEMALE HORMONES, OTHER THAN ORAL CONTRACEPTIVES?

NO YES → IF YES,

<p>IF NO ↓</p>	<p>a) ARE YOU CURRENTLY USING THEM? <input type="radio"/> YES, CURRENTLY <input type="radio"/> NO, NOT CURRENTLY</p> <p>b) HOW MANY MONTHS HAVE YOU USED THEM DURING THE 24-MONTH PERIOD FROM JUNE 1980 TO JUNE 1982? <input type="radio"/> 1-4 mo. <input type="radio"/> 5-9 mo. <input type="radio"/> 10-14 mo. <input type="radio"/> 15-19 mo. <input type="radio"/> 20-24 mo.</p> <p>c) WHAT TYPE OF HORMONE HAVE YOU USED? (IF MORE THAN ONE TYPE, PLEASE INDICATE THE PREPARATION WHICH YOU HAVE USED THE LONGEST.)</p> <p><input type="radio"/> PREMARIN <input type="radio"/> COMBINATION ESTROGEN AND PROGESTERONE <input type="radio"/> ESTROGEN AND TESTOSTERONE <input type="radio"/> SEQUENTIAL ESTROGEN AND PROGESTERONE <input type="radio"/> DES <input type="radio"/> OTHER →</p> <p>d) WERE THESE ORAL OR VAGINAL PREPARATIONS? <input type="radio"/> ORAL <input type="radio"/> VAGINAL</p> <p>e) IF YOU HAVE MARKED <u>PREMARIN</u>, WHAT DOSE?</p> <p><input type="radio"/> .30 mg/DAY OR LESS (GREEN) <input type="radio"/> .625 mg/DAY (BROWN) <input type="radio"/> 1.25 mg/DAY (YELLOW) <input type="radio"/> MORE THAN 1.25mg/DAY <input type="radio"/> UNKNOWN OR VAGINAL</p> <p>f) IF <u>PREMARIN</u>, HAVE YOU TAKEN IT DAILY OR CYCLICALLY? (CYCLICALLY OMITTS SOME DAYS EACH MONTH)</p> <p><input type="radio"/> DAILY <input type="radio"/> CYCLICALLY <input type="radio"/> UNKNOWN</p>
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7. DO YOU USE ANY METHOD OF CONTRACEPTION CURRENTLY?

NO YES → IF YES, WHICH METHOD?

HUSBAND'S VASECTOMY
 ORAL CONTRACEPTIVES I.U.D. DIAPHRAGM
 TUBAL LIGATION OTHER CONDOM

8. HAVE YOU USED ORAL CONTRACEPTIVES AT ANY TIME SINCE JUNE 1980?

NO YES → IF YES, HOW MANY MONTHS HAVE YOU USED THEM IN THE 24-MONTH PERIOD FROM JUNE 1980 TO JUNE 1982?

1-4 mo. 5-9 mo.
 10-14 mo. 15-19 mo. 20-24 mo.

9. DO YOU CURRENTLY SMOKE CIGARETTES?

NO YES → IF YES a) WHAT SPECIFIC BRAND? → (e.g., "MARLBORO LIGHTS 100'S") brand

IF NO ↓ b) HOW MANY CIGARETTES DO YOU SMOKE PER DAY? 1-4 5-14 15-24 25-34 35-44 45 OR MORE

10. DID YOUR PARENTS SMOKE WHILE YOU WERE LIVING WITH THEM?

NO MOTHER ONLY FATHER ONLY BOTH MOTHER AND FATHER

11. AS AN ADULT, HOW MANY YEARS HAVE YOU LIVED WITH SOMEONE WHO SMOKED REGULARLY?

NONE OR LESS THAN 1 1-4 YRS. 5-9 YRS. 10-19 YRS. 20-29 YRS. 30-39 YRS. 40 OR MORE

12. ARE YOU CURRENTLY EXPOSED TO CIGARETTE SMOKE FROM OTHER PEOPLE:

a) AT HOME? NO OCCASSIONALLY REGULARLY
 b) AT WORK? NO OCCASSIONALLY REGULARLY

13. DID ANY OF THESE FAMILY MEMBERS EVER HAVE:

a) COLON OR RECTAL CANCER? MOTHER FATHER SISTER BROTHER NO/UNK
 b) BREAST CANCER? MOTHER SISTER NO/UNK
 c) MELANOMA? MOTHER FATHER SISTER BROTHER NO/UNK
 d) DIABETES? MOTHER FATHER SISTER BROTHER NO/UNK

14. SINCE JUNE 1980, HAVE YOU BEEN DIAGNOSED TO HAVE ANY OF THE FOLLOWING CONDITIONS?

PLEASE MARK IF DIAGNOSED	MONTH OF DIAGNOSIS	YEAR OF DIAGNOSIS
<input type="radio"/> HIGH BLOOD PRESSURE (EXCEPT WHILE PREGNANT)	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> DIABETES MELLITUS	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> ELEVATED CHOLESTEROL	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> MYOCARDIAL INFARCTION (HEART ATTACK)	J F M A M J J A S O N D	19 80 81 82 83
WERE YOU HOSPITALIZED FOR THIS HEART ATTACK? → <input type="radio"/> NO <input type="radio"/> YES		
<input type="radio"/> ANGINA PECTORIS	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> PERIPHERAL VENOUS THROMBOSIS	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> FIBROCYSTIC BREAST DISEASE	J F M A M J J A S O N D	19 80 81 82 83
WAS THIS CONFIRMED BY A BREAST BIOPSY? → <input type="radio"/> NO <input type="radio"/> YES		
<input type="radio"/> OTHER BENIGN BREAST DISEASE	J F M A M J J A S O N D	19 80 81 82 83
WAS THIS CONFIRMED BY A BREAST BIOPSY? → <input type="radio"/> NO <input type="radio"/> YES		
<input type="radio"/> BREAST CANCER	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> CANCER OF THE CERVIX - IN SITU ONLY	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> CANCER OF THE CERVIX - ALL OTHER	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> CANCER OF THE UTERUS (ENDOMETRIUM)	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> CANCER OF THE OVARY	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> CANCER OF THE COLON OR RECTUM (LARGE BOWEL)	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> CANCER OF THE LUNG	J F M A M J J A S O N D	19 80 81 82 83
<input type="radio"/> MELANOMA	J F M A M J J A S O N D	19 80 81 82 83

OTHER CANCER → PLEASE SPECIFY SITE: []

J F M A M J J A S O N D 19 80 81 82 83

15. HAVE YOU EVER HAD ANY OF THE FOLLOWING CONDITIONS? PLEASE MARK IF SO.

	BE-FORE 1965	1965 TO 1969	1970 TO 1975	PLEASE MARK YEAR OF FIRST DIAGNOSIS							
				1976	1977	1978	1979	1980	1981	1982	1983
<input type="radio"/> RHEUMATOID ARTHRITIS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> GOUT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> OTHER ARTHRITIS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> SYSTEMIC LUPUS ERYTHEMATOSIS (SLE)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> CHOLECYSTECTOMY (GALL BLADDER REMOVAL)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> GALL STONES, NOT REMOVED	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> STROKE (CVA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> PULMONARY EMBOLUS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> OSTEOPOROSIS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> FRACTURE OF HIP OR FOREARM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> GASTRIC OR DUODENAL ULCER	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> ULCERATIVE COLITIS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OTHER MAJOR ILLNESS (INCLUDE DIAGNOSES SINCE JUNE 1980 ONLY) →

PLEASE SPECIFY: []

GO TO PAGE 3 →

16. DO YOU CURRENTLY USE A MULTIPLE VITAMIN?

NO YES → IF YES, a) WHAT BRAND DO YOU USE:

brand

1 2 3

IF NO ↓

b) HOW MANY PILLS OR CAPSULES DO YOU TAKE PER WEEK?

2 OR LESS 3-5 6-9 10 OR MORE

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9

17. DISREGARDING MULTIPLE VITAMINS, DO YOU TAKE ANY OF THE FOLLOWING PREPARATIONS?

VITAMIN A	<input type="radio"/> NO	<input type="radio"/> YES, SEASONAL ONLY <input type="radio"/> YES, MOST MONTHS	DAILY DOSE?	<input type="radio"/> LESS THAN 8,000 IU	<input type="radio"/> 8,000 TO 12,000 IU	<input type="radio"/> 13,000 TO 22,000 IU	<input type="radio"/> 23,000 IU OR MORE	<input type="radio"/> DON'T KNOW
VITAMIN C	<input type="radio"/> NO	<input type="radio"/> YES, SEASONAL ONLY <input type="radio"/> YES, MOST MONTHS	DAILY DOSE?	<input type="radio"/> LESS THAN 400 mg.	<input type="radio"/> 400 TO 700 mg.	<input type="radio"/> 750 TO 1,250 mg.	<input type="radio"/> 1,300 mg. OR MORE	<input type="radio"/> DON'T KNOW
VITAMIN E	<input type="radio"/> NO	<input type="radio"/> YES →	DAILY DOSE?	<input type="radio"/> LESS THAN 200 IU	<input type="radio"/> 200 TO 250 IU.	<input type="radio"/> 300 TO 500 IU	<input type="radio"/> 600 IU OR MORE	<input type="radio"/> DON'T KNOW
SELENIUM	<input type="radio"/> NO	<input type="radio"/> YES →	DAILY DOSE?	<input type="radio"/> LESS THAN 90 mcg.	<input type="radio"/> 90 TO 130 mcg.	<input type="radio"/> 140 TO 250 mcg.	<input type="radio"/> 260 mcg. OR MORE	<input type="radio"/> DON'T KNOW
ZINC	<input type="radio"/> NO	<input type="radio"/> YES →	DAILY DOSE?	<input type="radio"/> LESS THAN 25 mg.	<input type="radio"/> 25 TO 74 mg	<input type="radio"/> 75 TO 100 mg.	<input type="radio"/> 101 mg. OR MORE	<input type="radio"/> DON'T KNOW
CALCIUM OR DOLOMITE	<input type="radio"/> NO	<input type="radio"/> YES →	DAILY DOSE?	<input type="radio"/> LESS THAN 400 mg.	<input type="radio"/> 400 TO 900 mg.	<input type="radio"/> 901 TO 1,300 mg.	<input type="radio"/> 1,301 mg. OR MORE	<input type="radio"/> DON'T KNOW
ANY OTHER VITAMINS OR MINERALS?	<input type="radio"/> NO	<input type="radio"/> YES PLEASE SPECIFY:						

1 2 3 4 5 6 7 8 9

FOLD

18. HOW OFTEN HAVE YOU USED EACH FOOD DURING THE PAST YEAR? FOR SEASONAL FOODS, AVERAGE YOUR USE OVER THE FULL YEAR.

AVERAGE USE LAST YEAR

FOODS AND AMOUNTS	AVERAGE USE LAST YEAR								
	6+ PER DAY	4-6 PER DAY	2-3 PER DAY	1 PER DAY	5-6 PER WEEK	2-4 PER WEEK	1 PER WEEK	1-3 PER MO.	NEVER OR ALMOST NEVER
BRUSSELS SPROUTS (1/2 c.)	<input type="radio"/>								
BROCCOLI (1/2 c.)	<input type="radio"/>								
CABBAGE, COLE SLAW, OR CAULIFLOWER (1/2 c.)	<input type="radio"/>								
CARROTS (1 RAW OR 1/2 c. COOKED)	<input type="radio"/>								
SPINACH, COOKED (1/2 c.)	<input type="radio"/>								
SPINACH, RAW (AS IN SALADS)	<input type="radio"/>								
SWEET POTATOES, YAMS (1/2 c.)	<input type="radio"/>								
YELLOW (WINTER) SQUASH (1/2 c.)	<input type="radio"/>								
TOMATOES (1) OR TOMATO JUICE (4 oz.)	<input type="radio"/>								
ONIONS, AS A VEGETABLE OR SOUP (NOT AS A GARNISH)	<input type="radio"/>								
RED CHILI SAUCE (1 TABLESPOON)	<input type="radio"/>								
CANTALOUPE (1/4 MELON)	<input type="radio"/>								
PEACHES, APRICOTS, NECTARINES (FRESH, FROZEN, OR CANNED)	<input type="radio"/>								
ORANGE JUICE (4-6 oz. GLASS)	<input type="radio"/>								
PROCESSED MEATS (SAUSAGE, SALAMI, BOLOGNA, BACON, HOT DOGS, ETC.) (PIECE OR SLICE)	<input type="radio"/>								
BEEF, GROUND BEEF, OR LAMB AS A HAMBURGER, MIXED DISH, STEW, CASSEROLE, LASAGNE, ETC.	<input type="radio"/>								
BEEF OR LAMB AS A MAIN DISH (6-8 oz.) (e.g. STEAK OR ROAST)	<input type="radio"/>								
PORK OR HAM AS A SANDWICH OR MIXED DISH	<input type="radio"/>								
PORK OR HAM AS A MAIN DISH (6-8 oz.)	<input type="radio"/>								
CHICKEN (6-8 oz.)	<input type="radio"/>								
FISH, INCLUDING CANNED FISH	<input type="radio"/>								
LIVER (3-4 oz.)	<input type="radio"/>								
EGGS (1)	<input type="radio"/>								
WHOLE MILK (8 oz. GLASS)	<input type="radio"/>								
SKIM OR LOW FAT MILK (8 oz. GLASS)	<input type="radio"/>								
CREAM (1 TABLESPOON) - EXCLUDE NON-DAIRY	<input type="radio"/>								
BUTTER (PAT)	<input type="radio"/>								
MARGARINE (PAT)	<input type="radio"/>								
COLD BREAKFAST CEREAL (1 c.)	<input type="radio"/>								

FOLD

19. WHAT IS YOUR CURRENT EMPLOYMENT STATUS?

OPERATING ROOM NURSING IN-PATIENT STAFF NURSING OUT-PATIENT OR COMMUNITY NURSING
 OTHER NURSING → HOMEMAKER NURSING EDUCATION
 NON-NURSING EMPLOYMENT

GO TO PAGE 4

20. DID YOU EVER TAKE TETRACYCLINE FOR AT LEAST 2 MONTHS AT A TIME? (e.g., FOR ACNE OR OTHER REASON)

- NO YES → FOR HOW LONG? 2-11 MONTHS
- 1-2 YEARS MORE THAN 2 YEARS

21. DID YOU EVER TAKE GRISEOFULVIN BY MOUTH?

- NO YES → a) FOR HOW LONG? LESS THAN 2 MO.
- 2-11 MONTHS 1 YEAR OR MORE
- b) WHEN? BEFORE 1970 AFTER 1970

22. ARE YOU CURRENTLY TAKING ANY OF THE FOLLOWING MEDICATIONS AT LEAST ONCE PER WEEK?

- PLEASE MARK IF SO:
- ASPIRIN (BUFFERIN, ANACIN, ETC. DO NOT INCLUDE TYLENOL)
HOW MANY ASPIRINS PER WEEK? 1-3 4-6 7-14 15 OR MORE
 - THIAZIDE DIURETICS (DIURIL, HYDROCHLOROTHIAZIDE, ETC.)
 - THYROID HORMONE (EXTRACT, SYNTHROID, ETC.)
 - TAGAMET (CIMETIDINE)
 - ALDOMET (METHYLDOPA)
 - VALIUM
 - OTHER MEDICATIONS, SPECIFY →

23. HOW MANY FLIGHTS OF STAIRS (NOT STEPS) DO YOU CLIMB DAILY?

- 2 OR LESS 3-4 FLIGHTS
- 5-9 10-14 15 OR MORE

24. HOW MANY BLOCKS DO YOU WALK DAILY?

- 1 OR LESS 2-4 5-9
- 10-14 15-19 20 OR MORE

25. HOW MANY TIMES A WEEK DO YOU ENGAGE IN ANY PHYSICAL ACTIVITY VIGOROUS ENOUGH TO WORK UP A SWEAT?

- 7 OR MORE TIMES A WEEK 4-6 TIMES A WEEK
- 2-3 TIMES ONCE A WEEK LESS THAN ONCE A WEEK

26. HOW MANY HOURS PER WEEK DO YOU ENGAGE IN SUCH VIGOROUS ACTIVITY?

- 7 OR MORE HOURS PER WEEK 4-6 HOURS
- 2-3 HRS. 1 HR. LESS THAN 1 HR/WK

27. DO YOU CURRENTLY USE PERMANENT HAIR DYES? (DO NOT COUNT DYES THAT RINSE OUT WITH WASHING)

- NO YES → IF YES, HOW OFTEN?
- EVERY 2-4 WEEKS EVERY 5-7 WKS. EVERY 8-12 WKS. EVERY 13 OR MORE WEEKS

28. WHAT WAS THE NATURAL COLOR OF YOUR HAIR AT AGE 21?

- RED BLONDE LIGHT BROWN DARK BROWN BLACK

29. HAVE YOU EVER COMMONLY USED TALCUM, BABY POWDER OR DEODORIZING POWDER TO:

- a) APPLY TO PERINEAL (PRIVATE) AREA? NO DAILY 1-6 TIMES A WEEK LESS THAN ONCE A WEEK
- b) APPLY ON SANITARY NAPKINS? NO YES

30. HOW FREQUENTLY DO YOU HAVE A BOWEL MOVEMENT?

- MORE THAN ONCE A DAY DAILY
- EVERY OTHER DAY EVERY 3-4 DAYS
- EVERY 5-6 DAYS ONCE A WEEK OR LESS

31. HOW OFTEN DO YOU USE A LAXATIVE? (INCLUDE SOFTENERS, BULK AGENTS, AND SUPPOSITORIES)

- NEVER DAILY AT LEAST ONCE A WEEK
- 1-4 TIMES A MONTH LESS THAN ONCE A MONTH

32. AS A CHILD OR ADOLESCENT, ONCE YOU HAD BEEN EXPOSED TO THE SUN SEVERAL TIMES, WHAT KIND OF REACTION WOULD YOUR SKIN HAVE AFTER TWO OR MORE HOURS IN THE SUN ON A BRIGHT SUNNY DAY?

- PRACTICALLY NONE
- SOME REDNESS ONLY BURN
- PAINFUL BURN PAINFUL BURN WITH BLISTERS

33. AS A CHILD OR ADOLESCENT, AFTER REPEATED SUN EXPOSURES, e.g., A TWO-WEEK VACATION OUTDOORS, WHAT KIND OF TAN WOULD YOU GET?

- PRACTICALLY NONE LIGHT TAN AVERAGE TAN
- DEEP TAN OTHER

34. HOW OFTEN HAVE YOU HAD A SEVERE AND PAINFUL SUNBURN AT EACH OF THESE AREAS ON THE BODY?

- | | | | | |
|----------------------|-----------------------------|---------------------------------|---------------------------------|---------------------------------------|
| a) BACK AND SHOULDER | <input type="radio"/> NEVER | <input type="radio"/> 1-2 TIMES | <input type="radio"/> 3-5 TIMES | <input type="radio"/> 6 OR MORE TIMES |
| b) LOWER LIMBS | <input type="radio"/> NEVER | <input type="radio"/> 1-2 TIMES | <input type="radio"/> 3-5 TIMES | <input type="radio"/> 6 OR MORE TIMES |
| c) FACE OR ARMS | <input type="radio"/> NEVER | <input type="radio"/> 1-2 TIMES | <input type="radio"/> 3-5 TIMES | <input type="radio"/> 6 OR MORE TIMES |
| d) "ALL OVER" | <input type="radio"/> NEVER | <input type="radio"/> 1-2 TIMES | <input type="radio"/> 3-5 TIMES | <input type="radio"/> 6 OR MORE TIMES |

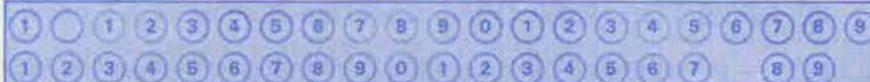
35. HOW WOULD YOU RATE THE AMOUNT OF STRESS IN YOUR DAILY LIFE?

- a) AT HOME: SEVERE MODERATE LIGHT MINIMAL
- b) AT WORK: SEVERE MODERATE LIGHT MINIMAL

OPTIONAL: PLEASE NOTE THE NAME AND ADDRESS OF SOMEONE WE CAN CONTACT IN CASE YOU EVER MOVE.

NAME: _____

ADDRESS: _____



THANK YOU! PLEASE WRITE ANY ADDITIONAL COMMENTS ON A SEPARATE PAGE.