

ADDITIONAL COMMENTS ABOUT CPS I TAPE AND CODEBOOK
RECEIVED FROM ACS - NEW YORK

Overview: The original CPS I tape is organized as follows:

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Original 1959 questionnaire	1 - 248
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January 30, 1992

Decisions in the CPS 1 Person-Year Analysis

1. Follow-up begins July 1, 1960.
2. Follow-up ends September 30, 1972
3. The following dates have been used for the follow-up periods:

<u>Follow-Up</u>	<u>Follow-Up Period Through</u>
1:	September 30, 1960
2:	September 30, 1961
3:	September 30, 1962
4:	September 30, 1963
5:	September 30, 1964
6:	September 30, 1965
7:	September 30, 1971
8:	September 30, 1972
9:	Long Lived Study (not used)
10:	Long Lived Study (not used)

Those individuals in the Long Lived Study (approximately 1,600) are considered alive for the purpose of our calculations.

4. If either month of birth or month of death is missing or has a nondocumented character in the field, it is set to equal July (7).
5. A person is determined to have been lost to follow-up if the variable "~~Last Follow-Up Traced Alive~~" (470-471) equals 1 through 7 (a response of "DD" would indicate death). A 1 through 7 response indicates that the follow-up ceased before the end of the observation period. These persons are given a "Vital Status" (VS) of "L" and a "Lost to Follow-up Date" (DATEDD) of their last follow-up traced alive (September 30, 1960 through September 30, 1971). Those persons lost to follow-up are distinguished from those who die, but both stop contributing person-years.
*AKA
lyerp*
"Last July Year observed" (really PAR)
511-512
SIB=L
6. Persons are determined to have died if their "Last Follow-Up Traced Alive" variable equals "DD" and if there are valid responses for Death Month (357) and Death Year (358-359). The vital status then equals "D" and a death date (DATEDD) is created using both Death Month and Death Year.

7. The remaining individuals with a "Last Follow-up Traced Alive" of 8, 9, or 10 fall into the "Long Lived Study". These individuals are considered alive through September 30, 1972 and contribute person years accordingly. Their vital status equals "A". They do not contribute deaths. Please note that they are given an arbitrary date after September 30, 1972 for DATEDD.
8. Age at interview (AGE_INT) is calculated by subtracting birth year (BIRTH_YR) from 1959. Prior to this calculation birth year has been adjusted for century (1800 or 1900). If birth year is greater than or equal to 49 then 1800 is added to it. If birth year is greater than or equal to 0 and less than 49, then 1900 is added to it.

Columns 525-539 refer to updated factors based on the 11th followup

<u>Male Column</u>	<u>Female Column</u>	
525	525	<u>Results of 11th Followup-This is coded only for the people included in the long-lived followup conducted in 1980</u> 0-Traced alive 1-Traced dead (death certificate received) 2-Reported dead - no death certificate 3-Not traced in 1980 followup 5-Previously reported dead (death certificate received)
526-527	526-527	<u>Last followup traced alive</u> 01-Traced alive in 1st FU, lost thereafter 02-Traced alive in 2nd FU, lost thereafter : : : 10-Traced alive in 10th FU, lost thereafter 11-Traced alive in 11th FU DD-Died, death certificate obtained XX-Unusable subject
528-529	528-529	<u>Last July Year Exposed to Risk (LJYE 1980)</u>
530	530	<u>Exit Status (ES 80)</u>
531-534	531-534	<u>Person Years Last July Year Exposed to Risk (PLJYE 80)</u>
535-539	535-539	<u>Person Years Last July Year Exposed to Risk +1 (PYLJYE +1, 80)</u> This is the total person years exposed to risk from start of JY 1 until end of tracing or death or loss. It is computed from (LJYE-1 + PYLJYE)
540	540	<u>Results of 1986 followup-This is coded only for those included in the long lived followup in 1986)</u> 0-alive 1-dead (D.C. received) 2-dead (no D.C.) 3-not traced 4-out of study 5-prev. reported dead (D.C. received)

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>	
41-542	541-542	<u>Last JY exposed to risk</u> (LJYE 1985)
543	543	<u>Exit Status (1985)</u> A-Alive D-Dead L-Lost
544-547	544-547	<u>Person Years Exposed to Risk in Last July Year</u> (PYLJYE-85)
548-552	548-552	<u>Person Years Exposed to Risk - (PYLJYE +1, 85)</u> This is the total person years exposed to risk from start of JY 1 until end of tracing or death or loss. It is computed from (LJYE-1 + PYLJYE)
553	553	<u>Results of 1988 followup-This is coded only for those included in the long lived followup in 1988</u> 0-alive 1-dead (D.C. received) 2-dead (no D.C.) 3-not traced 4-out of study 5-prev. reported dead (D.C. received)
554-555	554-555	<u>Last JY exposed to risk</u> (LJYE 1987)
556	556	<u>Exit Status (1987)</u> A-Alive D-Dead L-Lost
557-560	557-560	<u>Person Years Exposed to Risk in Last July Year</u> (PYLJYE-87)
561-565	561-565	<u>Person Years Exposed to Risk - (PYLJYE +1, 87)</u> This is the total person years exposed to risk from start of JY until end of tracing or death or loss. It is computed from (LJYE-1 + PYLJYE).

CSC

CPS1 - Males

	Total Sample	N	Exclude
		456,491	0
Reasons:	Exclusions		
Data			
did not fill out own survey	1	382,255	74,236 16.26% ← ?
"missing" height	2	374,690	7,565 81,801 13.76%
"missing" age	3	374,672	18 81,819 13.76%
less than 1 year of exposure follow up (from month of enrollment)	4	366,807	7,865 89,684 15.08%
non-whites	5	358,630	8,177 97,861 16.46%
Discretionary			
age ≥ 70	6	337,534	21,096 118,957 20.01%

CDL

CPS1 - Females

		N	Exclude
Total Sample		594,551	0
Reasons:	Exclusions		
Data			
did not fill out own survey	1	561,886	32,665 5.49%
"missing" height	2	544,665	17,221 49,886 8.39%
"missing" age	3	544,649	16 49,902 8.39%
less than 1 year of exposure	4	536,049	8,600 58,502 9.84%
non-whites	5	519,258	16,791 75,293 12.66%
Discretionary			
age >= 70	6	488,364	30,894 106,187 17.86%

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January 26, 1980

Combined CPS Work Tape

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
		<u>FIRST PAGE OF QUESTIONNAIRE</u>
1-15	1-15	<u>Identifying Numbers</u> Division column 1-2, Unit column 3-5, Group column 6-8, Researcher column 9-11, Family column 12-13, Person column 14-15
16	16	<u>Edited Date of Enrollment</u> Date of Questionnaire: 1960 9 - September, 0 - October, X - November, Y - December, 1959 1 - January, 2 - February, 3 - March, April and May, 8 - Unknown, other. Month is coded if known. If date of enrollment was April or May, it has been recorded as 3 (March). If 8 or blank (unknown month) the month of enrollment of preceding record is coded. If person died, and the date of death is prior to the assigned month of enrollment, date of enrollment is coded the same as month of death.
17-18	17-18	<u>Year of Birth and Unusable Questionnaire - DO NOT USE</u> (See cols. 325-326)
19	19	<u>Age-Sex Code - DO NOT USE</u> (See cols. 327) 1980 - 1 - Woodworker 0 - Not a Woodworker
20-22	20-22	<u>Weight in Pounds</u> Record number directly XXX - Unknown NOTE: Disregard fraction of a pound correct sex in 450 age in 453-55 yob 451-452
23-25	23-25	<u>Weight Index</u> Person's weight divided by mean weight for his age-sex height group. (Certain height groups are eliminated)

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
26-27	26-27	<u>Height in Inches</u> Convert to inches and record number directly. XX - Unknown NOTE: Disregard 1/4" or 1/2" but if 3/4" raise to next whole inch.
28	28	<u>Race</u> 1 - White, 2 - Negro, 3 - Indian, 4 - Mexican, 5 - Chinese, 6 - Japanese, 0 - Other, X - Unknown
29	29	<u>Marital Status</u> 1 - Single, 2 - Married, 3 - Widowed, 4 - Divorced, 5 - Separated, X - Unknown
30	30	<u>Parents' Status</u> 0 - Both Dead 1 - Father alive (mother dead) 2 - Mother alive (father dead) 3 - Both alive X - Unknown for either or both parents
31	31	<u>Father's Age</u> Record first digit 9 - 90 or over X - Unknown
32-33	32-33	<u>Father's Cancer</u> See Cancer Code 00 - No YY - Unknown, Blank, Not answered X - Family History section not answered. Code "x" in column 32 and columns 33-101 are blank.
34	34	<u>Mother's Age</u> Record First Digit 9 - 90 or over X - Unknown

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
35-36	35-36	<u>Mother's Cancer</u> See Cancer Code 00 - No YY - Unknown, blank, not answered
37	37	<u>Father's Father's Age</u> <i>lots of blanks</i> Record first digit 9 - 90 or over X - Unknown
38	38	<u>Father's Father's Cancer</u> 0 - No 1 - Yes 2 - Don't Know Y - Unknown, blank, not answered X - Cancer unknown - grandparents cancer section is totally blank; therefore, columns 40, 42 and 44 are blank
39	39	<u>Father's Mother's Age</u> Record first digit 9 - 90 or over X - Unknown
40	40	<u>Father's Mother's Cancer</u> 0 - No 1 - Yes 2 - Don't know Y - Unknown, blank, not answered
41	41	<u>Mother's Father's Age</u> Record first digit 9 - 90 or over X - Unknown
42	42	<u>Mother's Father's Cancer</u> 0 - No 1 - Yes 2 - Don't know Y - Unknown, blank, not answered

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
43	43	<u>Mother's Mother's Age</u> Record first digit 9 - 90 or over X - unknown
44	44	<u>Mother's Mother's Cancer</u> 0 - No 1 - Yes 2 - Don't know Y - Unknown, blank, not answered
45	45	<u>Number of Brothers</u> Record number directly. 0 - None, blank, not answered 9 - 9 or more X - Too confused to code NOTE: If 0 or X, skip to column 74.
46	46	<u>Brother #1 - Alive or Dead</u> 0 - Dead 1 - Alive Y - Not specified
47	47	<u>Brother #1 - Age</u> Record first digit 9 - 90 or over 0 - 9 years old or younger Y - Unknown
48-49	48-49	<u>Brother #1 - Cancer</u> See Cancer Code 00 - No Cancer YY Question on cancer not answered
50-53	50-53	<u>Brother #2</u> (Same items as for first brother) columns 46-49
54-57	54-57	Brother #3 " " " " "
58-61	58-61	Brother #4 " " " " "
62-65	62-65	Brother #5 " " " " "

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
66-69	66-69	<u>Brother #6</u> (Same items as for first brother) columns 46-49
70-73	70-73	<u>Brother #7</u> " " " " " "
74	74	<u>Number of Sisters</u> Record Number Directly 0 - None, Blank, Not answered 9 - 9 or more X - Too confused to code NOTE: If 0 or X, skip to column 99
75	75	<u>Sister #1 - Alive or Dead</u> 0 - Dead 1 - Alive Y - Not specified
76	76	<u>Sister #1 - Age</u> Record first digit 9 - 90 or over 0 - 9 years old or younger Y - Unknown
77-78	77-78	<u>Sister #1 - Cancer</u> See Cancer Code 00 - No cancer YY - Question on cancer not answered
79-82	79-82	<u>Sister #2</u> (Same items as for first sister) columns 75-78
83-86	83-86	<u>Sister #3</u> " " " " " "
87-90	87-90	<u>Sister #4</u> " " " " " "
91-94	91-94	<u>Sister #5</u> " " " " " "
95-98	95-98	<u>Sister #6</u> " " " " " "

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
99	99	<u>Age of Mother When You Were Born</u> 0 - 10 1 - 10-14 2 - 15-19 3 - 20-24 4 - 25-29 5 - 30-34 6 - 35-39 7 - 40-44 8 - 45-49 9 - 50+ X - Unknown
100-101	100-101	<u>Age of Father When Subject Was Born</u> Record directly YY - Unknown
102-103	102-103	<u>Cancer on Original Questionnaire (Site)</u> 00 - No Cancer XX - Question Blank If Cancer, see Cancer Code
104-105	104-105	<u>Cancer on Original Questionnaire (Date)</u> Last 2 digits of year of first treatment for cancer
106-127	106-127	<u>History of Diseases</u> Each of the columns 106-127 has the same code 0 - No history of this disease X - Unusable questionnaire 1 - History of this disease Y - Unusable questionnaire 9 - The question on History of Disease is completely blank. Code "9" in column 106 and columns 107-127 are blank.
106	106	<u>Pneumonia</u>
107	107	<u>Tuberculosis</u>
108	108	<u>Bronchitis</u>
109	109	<u>Influenza</u>
110	110	<u>Laryngitis</u>
111	111	<u>Tonsillitis</u>

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>	<u>Item</u>
112	112	<u>Asthma</u>
113	113	<u>Hay Fever</u>
114	114	<u>Dysentery</u>
115	115	<u>Stomach Ulcer</u>
116	116	<u>Duodenal Ulcer</u>
117	117	<u>Diabetes</u>
118	118	<u>Heart Disease</u>
119	119	<u>Stroke</u>
120	120	<u>High Blood Pressure</u>
121	121	<u>Rheumatic Fever</u>
122	122	<u>Cirrhosis of Liver</u>
123	123	<u>Gallstones</u>
124	124	<u>Arthritis</u>
125	125	<u>Poliomyelitis</u>
126	126	<u>Goiter</u>
127	---	<u>Enlarged Prostate</u>
128	128	<u>Colds</u>

X - Blank

0 - None

1 - 1 Cold(s) in the last year

2 - 2 " " " " "

3 - 3 " " " " "

4 - 4 " " " " "

5 - 5 " " " " "

6 - 6 " " " " "

7 - 7 " " " " "

8 - 8 " " " " "

9 - 9 or more colds in the last year

Y - Had colds but number not certain

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>	<u>Item</u>
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SECOND PAGE OF QUESTIONNAIRE

129	129	<u>Summary of Operations</u>
-----	-----	------------------------------

- 0 - No: no operations
- 1 - Yes: some operations specified
- 2 - Yes: but not specified
- X - Unknown
- 9 - Unusable questionnaire

NOTE: If X, 0 or 2 in column 129, skip to column 136.

130	130	<u>Appendix, Tonsil, Adenoid, and Hernia Operation</u>
-----	-----	--

- 0 - None of these
- 1 - Appendix operation
- 2 - Tonsil and/or adenoid operation
- 4 - Hernia operation

If two or more apply, code sum of numbers

131	131	<u>Cancer, Hemorrhoid, Vein and Artery Operations</u>
-----	-----	---

- 0 - None of these
- 1 - Cancer. Any operation specified as being for cancer
(Note: also code type of operation if it appears in
columns 132-133 for males and columns 134-135
for females)
- 2 - Hemorrhoid operation
- 4 - Vein and artery operation

If two or more apply, code sum of numbers

132	---	<u>Other Operations (By site)</u>
-----	-----	-----------------------------------

- 0 - No other operations
- 1 - Lung
- 2 - Stomach or duodenum (or Ulcer NOS)
- 3 - Rectum, colon, intestines
- 4 - Gall bladder
- 5 - Kidney, urinary bladder, or bladder NOS
- 6 - Prostate
- 7 - Thyroid, goiter
- 8 - Skin
- 9 - Other

133	---	<u>Other Operations (Continued)</u>
-----	-----	-------------------------------------

Same code as for column 132

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
---	132	<u>Tumor, Hysterectomy, D&C</u> 0 - None of these 1 - Tumor (include fibroids) 2 - Hysterectomy 4 - D&C If two or more apply, code sum of numbers NOTE: To pull out hysterectomy count 2, 3, 6 and 7 in column 132 <u>OR</u> 7 in column 167.
---	133	<u>Cyst, Caesarean, Childbirth Repair</u> 0 - None of these 1 - Cyst 2 - Caesarean operation 4 - Childbirth repair, cystocele If two or more apply code sum of numbers
---	134	<u>Other Operations (By Site)</u> 0 - No other operation 1 - Uterus, cervix 2 - Breast 3 - Ovary, Fallopian tubes, oviduct 4 - Other and unspecified female genital 5 - Stomach, duodenum, rectum, intestines, colon (including ulcer) 6 - Gall bladder, gall stones - 7 - Kidney, urinary bladder or bladder NOS 8 - Thyroid, Goiter 9 - Other
---	135	^{2ND} <u>Other Operations (Continued)</u> Same code as for column 134
136	136	<u>X-Ray Examination of Stomach or Abdomen</u> 0 - No 1 - Yes X - Unknown
137	137	<u>X-Ray Treatment</u> 0 - No 1 - Cancer treatment specified 2 - Treatment, cancer not specified 3 - "Chest X-Ray" (possibly diagnostic) 4 - "Check-up" 9 - "Yes" not otherwise specified X - Unknown NOTE: Code lowest number which applies

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
<u>PHYSICAL COMPLAINTS</u>		
138-143	138-143	If no complaints in this column, code "X" in column 138 If any complaint in column code <u>all</u> of 138 - 143
144-146	144-146	If no complaint in this column, code "X" in column 144 If any complaint in column, code <u>all</u> of 144 - 146
147-149	147-149	If no complaint in this column, code "X" in column 147 If any complaint in column, code <u>all</u> of 147 - 149 (Disregard "other complaints") If there is no reply to any of the physical complaints, "YX" is coded in 147 - 148
138	138	<u>Cough (question 1)</u> 0 - No or unknown 1 - Slight 2 - Moderate 3 - Severe 9 - "Yes", NOS
139	139	<u>Sore Throat (q.2) & hoarseness (q.3)</u> 0 - None of these 1 - Sore throat 2 - Hoarseness 3 - Both sore throat and hoarseness
140	140	<u>Shortness of Breath (q.4)</u> 0 - No or unknown 1 - Slight 2 - Moderate 3 - Severe 9 - "Yes", NOS
141	141	<u>Pain or Discomfort in Chest (q.5)</u> 0 - No or unknown 1 - Slight 2 - Moderate 3 - Severe 9 - "Yes", NOS
142	142	<u>Difficulty in Swallowing (q.6), Diarrhea (q.8), Recent Change in Bowel Habit*(q.9)</u> 0 - None of these 1 - Difficulty in swallowing 2 - Diarrhea 4 - Recent change in bowel habit

If more than one apply, code sum of code numbers.

*See columns 153-159 for degree of these complaints

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
143	143	<u>Constipation (q.7)</u> 0 - No or unknown 1 - Slight 2 - Moderate 3 - Severe 9 - "Yes", NOS
144	144	<u>Blood in Stool (q.10) Pain or Discomfort Lower Abdomen (q.11)</u> <u>Pain in Stomach (q.12)</u> 0 - None 1 - Blood in stool 2 - Pain or discomfort in lower abdomen 4 - Pain in stomach If more than one apply, code sum of code numbers
145	145	<u>Indigestion*(q.13), Nausea or Vomiting*(q.14), Loss of</u> <u>Appetite*(q.15)</u> 0 - None of these 1 - Indigestion 2 - Nausea or vomiting 4 - Loss of appetite If more than one apply, code sum of code numbers
146	---	<u>Blood in Urine*(q.16) Difficulty in Urinating (q.17)</u> <u>Too Frequent Urination (q.18)</u> 0 - None of these 1 - Blood in urine 2 - Difficulty in urination 4 - Too frequent urination If more than one apply, code sum of code numbers
147	---	<u>Headaches (q.10) Dizziness (q.20) Insomnia (q.21)</u> 0 - None of these 1 - Headaches 2 - Dizziness 4 - Insomnia If more than one apply, code sum of code numbers.
148	---	<u>Fatigue Easily (q.22)</u> 0 - No or unknown 1 - Slight 2 - Moderate 3 - Severe 9 - "Yes", NOS

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
---	146	<u>Blood in Urine*(q.16) Lump or Thickening in Breast (q.17)</u> <u>Unusual Discharge from Breast (q.18)</u> 0 - None of these 1 - Blood in urine 2 - Lump or thickening in breast 4 - Unusual discharge from breast If more than one apply, code sum of code numbers
---	147	<u>Unusual Bleeding from Vagina (q.19) Unusual Discharge from</u> <u>Vagina (q.20) Headaches (q.21)</u> 0 - None of these 1 - Unusual bleeding from Vagina 2 - Unusual discharge from Vagina 4 - Headaches If more than one apply, code sum of code numbers
---	148	<u>Dizziness (q.22) Insomnia*(q.23) Fatigue Easily*(q.24)</u> 0 - None of these 1 - Dizziness 2 - Insomnia 4 - Fatigue Easily If more than one apply, code sum of code numbers
149	149	<u>Change in Weight</u> 0 - No change or unknown 1 - Lost - 2 yrs or less 2 - Lost - over 2 years 3 - Lost - Time unknown 4 - Gained - 2 yrs or less 5 - Gained - Over 2 years 6 - Gained - Time unknown 8 - Both gain and loss checked 9 - Change of weight "yes" - gain or loss not stated
150	150	<u>Pounds Lost or Gained</u> X - Not answered, does not apply 0 - 1-9 pounds 1 - 10-19 " 2 - 20-29 " 3 - 30-39 " 4 - 40-49 " 5 - 50-59 " 6 - 60-69 " 7 - 70-79 " 8 - 80-89 " 9 - 90 or more pounds Y - Lost or gained weight, not known as to amount or uncodeable

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
151	151	<u>Years lost or gained weight</u> Code directly 9 - 9 or more years X - Not answered, does not apply 0 - Less than one year Y - Number of years not codeable
152	152	<u>Change of Weight - Reason</u> 0 - No or not checked 1 - Yes NOTE: This code applies to the question, "Did you try to bring about this change?" <u>Degree of Selected Complaints - Columns 153-159</u> Each of the columns 153-159 has the same code 0 - No or unknown 1 - Slight 2 - Moderate 3 - Severe 9 - "Yes" NOS
153	153	<u>Recent Change in Bowel Habits</u>
154	154	<u>Indigestion</u>
155	155	<u>Nausea or Vomiting</u>
156	156	<u>Loss of Appetite</u>
157	157	<u>Blood in Urine</u>
158	158	<u>Insomnia</u>
---	159	<u>Fatigue Easily</u> (Column 148 has this information for males)
160	160	<u>History of Constipation and History of Cough</u> 0 - Neither "yes" and at least one "no" 1 - Constipation 2 - Cough 3 - Both X - Neither question answered
161	161	<u>Feeling at Present and Sick at Present</u> 8 - Sick checked "yes" regardless of answer to "How do you feel?" 9 - Sick not checked or checked "no", but some illness or convalescence written in regardless of answer to "how do you feel?"

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>	<u>Item</u>
------------------------------	--------------------------------	-------------

161	161	
-----	-----	--

Feeling at Present and Sick at Present - Cont'd

If neither 8 or 9 apply

- 1 - Good
- 2 - Fair
- 3 - Poor
- X - Unknown

SPECIAL SMOKING CODES FOR MALES ONLY

162

1959 Smoking Summary

- A - Current Regular Cigarette
- Q - Never smoked regularly
- P - History pipe/cigar only

Ex-Cigarette

- 0 - Quit <1 year
- 1 - Quit 1 year
- 2 - Quit 2 years
- 3 - Quit 3 years
- 4 - Quit 4 years
- 5 - Quit 5-6 years
- 6 - Quit 7-9 years
- 7 - Quit 10-14 years
- 8 - Quit 15-19 years
- 9 - Quit 20+ years

Y - Ex-cigarette, time not specified

Other

- J - J Column 181
- X - Unusable

163

Cigarettes Smoked per Day in 1959 (or previously smoked by 1959 - ex-cigarette smokers)

- 1 - 1-9 cigarettes a day
- 2 - 10-19 cigarettes a day
- 3 - 20 cigarettes a day
- 4 - 21-39 cigarettes a day
- 5 - 40 cigarettes a day
- 6 - 41+ cigarettes a day
- 0 - Amount unknown

NOTE: This column is the original column 183, supplemented by the amount of cigarettes smoked by current cigar and pipe smokers who formerly smoked cigarettes.

Male
Column

Female
Column

Item

164

Cigarette Smoking Reported on 2nd, 3rd, and 4th Questionnaire
(This is intended for use in combination with other codes)

*Byler Hamond
Scheme
for coding
smoking
data*

Q2	Q3	Q4	Q4	Q4	Q4
S	S	S	s	x	N,n
S	S	A	A	E	B
s	S	A	A	E	B
x	S	A	A	E	B
N,n	S	A	A	E	B
S	s	A	E	E	B
s	s	A	E	E	D
x	s	A	E	E	D
N,n	s	A	E	E	C
S	x	A	E	E	D
s	x	A	E	E	D
x	x	A	E	E	D
N,n	x	A	E	E	C
S	N,n	A	E	E	C
s	N,n	A	E	E	C
x	N,n	A	E	E	C
N,n	N,n	A	E	E	C

S - Current Cigarette, amount specified
s - Current Cigarette, amount not specified
N - non-smoker
x - Question not answered

Note: Every subject is coded A,B,C,D or E in this column as indicated above. Cols. 164 and 165 are work columns used to produce col. 166 summary of 1965 smoking habits.

165

Cigarette Smoking Reported on 2nd, 3rd, and 4th Questionnaire
(This is intended for use in combination with other codes)

Q2	Q3	Q4	Q4	Q4	Q4
S	S	S	s	x	N,n
S	S	1	1	1	1
s	S	1	2	2	4
x	S	1	2	2	4
N,n	S	1	2	2	4
S	s	1	2	2	4
s	s	2	3	3	3
x	s	2	3	3	3
N,n	s	2	3	3	3
S	x	1	2	2	4
s	x	2	3	3	3
x	x	2	3	x	3
N,n	x	2	3	3	3
S	N,n	1	4	4	4
s	N,n	2	3	3	3
x	N,n	2	3	3	3
N,n	N,n	2	3	3	3

NOTE: If J Col. 181,
code J Col. 165
otherwise use code
above

Male	Female
<u>Column</u>	<u>Column</u>

166

Item

1965 Summary of Smoking Habits (men)

(Bases upon Q1, Q2, Q3, and Q4. See Appendix S)

Q - Never smoked regularly

P - History of pipe or cigar smoking only

A - Current regular cigarette smoker (answered Q4)

Ex-Cigarette Smoker in 1965

B - Quit less than 2 years prior to answering 4th questionnaire

C - Quit 2 to 3.99 years prior to answering 4th questionnaire

D - Quit ~~6.01~~ to 5.99 years prior to answering 4th questionnaire

F - Quit 6 to 6.99 years

H - Quit 7 to 9.99 years

L - Quit 10+ years

Ex-Cigarette in 1959. Uncertain Later

(May or may not have smokers cigarette regularly at some later day)

G - Corresponds to F

K - Corresponds to H

N - Corresponds to L

T - Time since last smoking unknown in 1959

Other Categories

R - Corresponds to Q; but possibly smoked cigarettes regularly

Z - Corresponds to P; but possibly smoked cigarettes regularly at some time after answering Q1

E - History of regular cigarette smoking (past or present) in 1959 or began to smoke cigarettes regularly after 1959 4th questionnaire not answered.

J - Unclear answer on Q1 (same as J Col 181)

X - Unusable subject, age under 30 etc.

Combinations of Col 166 Codes (Men)

A,B,C,D,E,F,G - Smoked cigarettes regularly at some time within 6.99 years of time Q4 was answered or should have been answered.

A,B,C,D,E,F,G,H,K - Smoked cigarettes regularly at some time within 9.99 years of time Q4 was answered or should have been answered.

A,B,C,D,E, Col 166 includes two groups of subjects: 1) all subjects who were current regular cigarette smokers in 1959 and 2) subjects who were not current regular cigarette smokers in 1959 but who were definitely regular cigarette smokers at a later date.

Male
Column

Female
Column

Item

Combination of Column 166 Codes with Codes in Other Columns

- (1) E. Col. 166 and 1 Col. 165 and A Col. 162
Q4 not answered but current regular cigarette smoker on Q1, Q2, and Q3. In 1965 either a current smoker or a recent ex-smoker.
- (2) T. Col. 166 and 3 col. 165 and 0 col. 305
May be classified in 1965 as an ex-cigarette smoker, quit over 7 years.

Construction of Code in Column 166

Summary of 1965 Smoking Habit

<u>Q1</u> Current Cigarette any category	<u>Col. 165</u> -	<u>Col. 166</u> Code in Col. 164 Code in Col. 164
N.S.R.	2 3,4,x	R Q
P/C Only	2 3,4,x	Z P
Ex <1 year	2,4 3 x	Code in Col. 164 F G
Ex 1 - 2.99 years	2,4 3 x	Code in Col. 164 H K
Ex 3 - 3.99 years	3,4,x 2	H K
Ex 4+	3,4,x 2	L N
Ex Time Unknown	2,3,4,x	T
J Column 181		J

167

1965 Type of Smoking History

- Q - N.S.R. = Col. 166
R - Probably N.S.R.; but uncertain = Col. 166
P - P/C only = Col 166
Z - Probably P.C. only; but uncertain = Col. 166
J - J Col. 181 = Col 166
x - Unusable subject = Col 166
W - History regular cigarette smoking only
V - History of regular cigarette smoking and also pipe or cigar smoking

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
168		<u>Age Began Cigarette Smoking (for 1965 Smokers)</u> Code for present regular cigarette smokers in 1965 0 - <10 1 - 10-14 2 - 15-19 3 - 20-24 4 - 25-29 5 - 30-34 6 - 35-39 7 - 40-44 8 - 45-49 9 - 50+ X - Unknown or not a present regular cigarette smoker
169		<u>Latest Amount of Cigarette Smoking Recorded</u> (From 1st, 2nd, 3rd, 4th questionnaires) 1 - 1-9 cigarettes a day 2 - 10-19 cigarettes a day 3 - 20 cigarettes a day 4 - 21-39 cigarettes a day 5 - 40 cigarettes a day 6 - 41+ cigarettes a day 0 - Not a cigarette smoker or amount not known
170		<u>Lung Cancer Reported on Q2, Q3, or Q4</u> 0 - No 1 - Yes
171		<u>Cancer (except Lung or Skin) Reported on Q2, Q3, or Q4</u> 0 - No 1 - Yes
172		<u>Heart Disease Reported on Q2, Q3, or Q4</u> 0 - No 1 - Yes
173		<u>Stroke Reported on Q2, Q3, or Q4</u> 0 - No 1 - Yes

Male Female
Column Column

Item

THIRD PAGE OF QUESTIONNAIRE

162 Injury to Breast (ques 1) and Breast Self-Examination (ques 2)

- 0 - Neither ("no" to at least one of the two questions)
- 1 - Injury to breast
- 2 - Breast self-examination
- 3 - Both
- X - Unknown (neither question answered)

NOTE: On question 1, count any sort of write-in as "yes"

163 Age When Menstruation Began (ques 3)

- 0 - Under 11
- 1 - 11
- 2 - 12
- 3 - 13
- 4 - 14
- 5 - 15
- 6 - 16
- 7 - 17
- 8 - 18
- 9 - 19 or older
- X - Unknown

164 Menstruation at Age 20 (ques 4)

- 1 - Regular
- 2 - Irregular
- X - Unknown

165 Days of Flow at Age 20 (ques 4b)

- Code directly
- 9 - 9 or more
- X - Unknown
- Y - Highly variable

166 How Painful at Age 20 (ques 4c)

- 0 - None
- 1 - Slight
- 2 - Moderate
- 3 - Severe
- X - Unknown

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
167		<u>Menstruation in Recent Months, Pregnancy and Menopause (ques 5a,6b)</u> 1 - Regular 2 - Irregular 3 - Pregnant 4 - Past Menopause - excessive bleeding "yes" 5 - Past Menopause - excessive bleeding "no" 6 - Past Menopause - excessive bleeding unknown 7 - Hysterectomy or operation or artificial menopause (so stated) 8 - In Menopause (so stated) or probably in Menopause (see rules) X - Unknown
168		<u>Usual Number of Days of Flow (ques 5b)</u> Record number of days directly, disregarding fractions of a day 0 - <1 day 9 - 9 or more days X - Unknown (question not answered) or does not apply (past menopause or pregnant) Y - Highly variable (i.e., spread of more than 3 days)
169		<u>How Painful in Recent Months (ques 5c)</u> 0 - None 1 - Slight 2 - Moderate 3 - Severe X - Unknown or does not apply (in menopause, past menopause, pregnant, etc.)
170		<u>Age When Menopause Began (ques 6a)</u> 0 - <40 1 - 40-44 2 - 45-49 3 - 50-54 4 - 55-59 5 - 60 or older 9 - In menopause X - Not stated, or does not apply Y - Artificial menopause (hysterectomy, etc.)
171		<u>Pregnancy Pattern (ques 7)</u> 0 - None 1 - Child born alive 2 - Stillborn 4 - Miscarriage

Male Female
Column Column

Item

171 If two or more apply, code sum

9 - Has been pregnant, pattern uncertain

~~0~~ - Unknown or uncertain if ever pregnant

NOTE: If 0 or ~~X~~, skip to column 177

172 Number of Pregnancies (ques 7)

Add number of children born alive plus number stillborn plus number of miscarriages and code the sum

9 - 9 or more

~~0~~ - None

X - Unknown

173 Age at First Pregnancy (ques 8)

0 - <10

1 - 10-14

~~2 - 15-19~~

~~3 - 20-24~~

~~4 - 25-29~~

~~5 - 30-34~~

6 - 35-39

7 - 40-44

8 - 45-49

9 - 50+

X - Unknown or not answered

174 Breast Feeding (ques 9)

1 - One or more breast fed for over 2 months (i.e. one or more recorded on line "a")

2 - One or more breast fed for less than 2 months (i.e., one or more recorded on line "b" or line "c")

4 - One or more never breast fed (i.e., one or more recorded on line "d")

X - Unknown, no children, or too inconsistent to code

If two or more apply, code sum

175 Medicine to Prevent Flow of Milk (ques 10)

0 - No

1 - Yes

X - Not answered

NOTE: If "yes" and "no" are both checked, code "1"

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
	176	<u>Reason for not Breast Feeding a Child (ques 11)</u> 1 - Lack of milk 2 - Painful nipple 4 - Breast abscess If two or more apply, code sum 8 - Preferred not to 9 - Other reason X - Unknown or does not apply NOTE: Code 8 or 9 only if codes 1-4 do not apply
177	177	<u>Frequency of Intercourse (ques 12)</u> Code directly 9 - 9 or more X - Unknown Y - Variable, seldom, etc.
---	178	<u>X-ray When Pregnant (ques 13)</u> 0 - No 1 - Yes X - Unknown or does not apply NOTE: If "Yes" and "No" are both checked, code "1"
179	179	<u>Exercise (ques 1)</u> 0 - None 1 - Slight 2 - Moderate 3 - Heavy X - Unknown
180	180	<u>Sleep (ques 2)</u> Record directly to lowest whole number (i.e., 7, 7 3/4 and 7 to 8 would all be coded to 7) 0 - 10 or more hours X - Unknown

Male Column	Female Column
----------------	------------------

Item

181 ---

History of Smoking Code

- A - Never smoked regularly
- C - Cigar Smoking only
- D - Pipe smoking only
- E - Cigar and Pipe - no cigarettes
- F - Cigarette and Cigar
- G - Cigarette and Pipe
- H - Cigarette, Cigar and Pipe
- I - Cigarette only
- J - Smoked, type and amount uncertain

182 ---

Smoking Pattern

Present Regular Smoker (Disregard occasional smoking)

- | | |
|---------------|-------------------------------|
| 1 - Cigarette | 3 - Cigarette and cigar |
| 2 - Cigar | 5 - Cigarette and pipe |
| 4 - Pipe | 6 - Cigar and pipe |
| | 7 - Cigarette, cigar and pipe |

At Present No Regular Smoking

- 0(-) - No smoking (i.e., no smoking of any type at present and none in past)
- Y(-) - Occasional only past and/or present; never smoked regularly
- X(-) - Definitely has smoked (present or past) but: (a) uncertain as to whether he smokes at present or (b) present checked "yes" with no further details, or (c) too mixed up to code
- 8 - Ex-regular smoker of some type; no smoking at present
- 9 - Ex-regular smoker of some type; occasional only at present

NOTE: If 0(-), Y(-), X(-) are coded in column 182, skip to column 188.

183 ---

Amount of Smoking (Code first regular amount seen)

- (a) Code for present regular cigarette smokers regardless of other smoking. Cases coded 1, 3, 5 or 7 in column 182

- 1 - 1-9 cigarettes a day
- 2 - 10-19 cigarettes a day (or "1/2 pack a day")
- 3 - 20 cigarettes a day (or "one pack a day")
- 4 - 21-39 cigarettes a day
- 5 - 40 cigarettes a day (or "two packs a day")
- 6 - 41+ cigarettes a day
- 0 - Regular cigarette smoker, amount uncertain

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>	<u>Item</u>
183	---	(b) Code for <u>present regular cigar smoker</u> who does not smoke cigarettes regularly at present. Cases coded 2 or 6 in column 182 7 - 1 or 2 cigars a day 8 - 3 or 4 cigars a day 9 - 5 or more cigars a day 0 - Regular cigar smoker, amount uncertain (c) Code for <u>present regular pipe smoker</u> who does not smoke cigarettes regularly at present. Cases coded 4 in column 182 7 - 1 to 4 pipefuls a day 8 - 5 to 9 pipefuls a day 9 - 10+ pipefuls a day 0 - Regular pipe smoker, amount uncertain (d) Code for ex-regular cigarette smokers who <u>do not</u> smoke any type <u>regularly</u> at present 1 - 1-9 cigarettes a day 2 - 10-19 cigarettes a day 3 - 20 cigarettes a day 4 - 21-39 cigarettes a day 5 - 40 cigarettes a day 6 - 41+ cigarettes a day 0 - "Yes" ex-cigarette smoker, amount uncertain (e) Other categories X - Other, unknown, or does not apply

183

Cigarette Smoking - Amount (ques 3a)

(a) Code for present regular cigarette smokers

- 1 - 1-9 cigarettes a day
- 2 - 10-19 cigarettes a day (1/2 pack a day)
- 3 - 20 cigarettes a day (one pack a day)
- 4 - 21-39 cigarettes a day
- 5 - 40 cigarettes a day (2 packs a day)
- 6 - 41+ cigarettes a day

(b) Code for women who do not smoke regularly at present

- 0(-) - No smoking (i.e., no smoking of any type at present and none in the past)
- Y(-) - Occasional only past and/or present; never smoked regularly
- 8(-) - Ex-regular smoking; present no smoking
- 9(-) - Ex-regular smoking; present occasional only

Male Column	Female Column
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---	183
-----	-----

Item

Unknown, Uncertain or Other Smoking

7(-) - Have smoked (past or present), no further details given; or pipe, cigars, cigarillos only

X(-) - Unknown

NOTE: If 0(-),Y(-),8(-),9(-),7(-) or X(-) skip to column 187

184	184
-----	-----

Inhalation

Record inhalation for the type of present smoking coded in column 183

0 - Do not inhale

1 - Slightly

2 - Moderately

3 - Deeply

X - Unknown

185	185
-----	-----

Brand and Type of Cigarette

0 - Non-filter-2.0 to 2.7 mg. nicotine and 25.8 to 35.7 mg. tar
(NOTE: Philip Morris comes in two lengths and the shorter length has only 1.6 mg. of nicotine but 25.8 mg. tar)

Camel, Cavalier, Chesterfield, Herbert Tareyton plain tip
Pall Mall, Philip Morris, Raleigh

1 - Filter Tip-Mentholated-1.9 to 2.1 mg. nicotine and 24.1 to 25.4 mg. tar

Kool, Oasis, Salem

2 - Non-filter - 1.2 to 1.8 mg. nicotine and 21.3 to 25.8 mg. tar

Lucky Strike, Old Gold plain tip

3 - Filter-tip-1.2 to 1.7mg nicotine and 16.7 to 23.0 mg. tar
Hit Parade, L&M, Marlboro, Old Gold Filter, Riviera,
Tareyton filter-tip, Viceroy, Winston

4 - Filter-tip-0.9 to 1.1 mg. nicotine and 14.6 to 17.3 mg. tar
Alpine, Kent, Newport, Parliament, Spud

5 - Non-filter-0.9 mg nicotine and 24.6 mg. tar
Sano (plain tip)

6 - Filter-tip-0.7mg nicotine and 18.1 mg. tar
King Sano (filter tip)

7 - Filter-tip-0.4 to 0.6 mg nicotine and 7.2 to 10.1 mg. tar
Duke of Durham (Duke), Life, Spring

8 - Non-filter. Brand not stated or not listed above or two or more non-filter brands with different codes.

9 - Filter-tip. Brand not stated or not listed above or two or more filter brands with different codes

X - Unknown, not a regular smoker, or smokes both filter tip and non-filter tip cigarettes

If a person smokes two or more brands with same code number, code that number.

NOTE: This code is based upon information given in the November 1959 issue of READER'S DIGEST.

*Tar
content
categories*

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
186	186	<u>Age Began Cigarette Smoking</u> Code for present regular cigarette smokers. 0 - <10 1 - 10-14 2 - 15-19 3 - 20-24 4 - 25-29 5 - 30-34 6 - 35-39 7 - 40-44 8 - 45-49 9 - 50+ X - Unknown or not a present regular cigarette smoker
187	187	<u>Ex-Cigarette Smokers (Years Since)</u> 0 - Less than 1 year 1 - 1 year 2 - 2 years 3 - 3 years 4 - 4 years 5 - 5-6 years 6 - 7-9 years 7 - 10-14 years 8 - 15-19 years 9 - 20+ years X - Unknown or not an ex-cigarette smoker Y - Ex-regular cigarette smoker; years unknown NOTE: Disregard fractions of a year (i.e., code 2 3/4 as 2)
188	---	<u>Ex-Cigar, Ex-Pipe, and Chewing or Snuff</u> 1 - Ex-regular cigar smoker 2 - Ex-regular pipe smoker 4 - Chews tobacco or takes snuff (occasional or regular) X - Unknown or none of the above If two or more apply, code sum or numbers.
---	188	<u>Ex-Smokers, Number of Cigarettes per day Previously (ques 4b)</u> 1 - 1-9 cigarettes per day 2 - 10-19 cigarettes per day 3 - 20 cigarettes per day 4 - 21-39 cigarettes per day 5 - 40 cigarettes per day 6 - 41+ cigarettes per day 0 - Ex-cigarette smoker, amount uncertain X - Unknown or not an ex-smoker

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
189	---	<u>Chewing Tobacco and Snuff</u> 0 - Never 1 - Occasionally 2 - Regularly 3 - Ex-chewer or ex-snuffer X - Unknown
190-205	190-205	<u>FOOD - DAYS PER WEEK - Columns 190-205</u> Each of the columns 190-205 has the same code Code directly up to 7 days 0 - Do not eat this food 9 - Occasionally, less often than 1 day a week Y - At least one day a week, but not codeable for number of days, highly variable, or cannot tell if occasional or regular X - Food questions are not answered. If X in 190, 191-205 are blank
190	190	<u>Fish</u>
191	191	<u>Meat or poultry</u>
192	192	<u>Eggs</u>
193	193	<u>Cheese</u>
194	194	<u>Butter or oleomargarine</u>
195	195	<u>Bread, rolls, or biscuits</u>
196	196	<u>Pancakes</u>
197	197	<u>Cereal</u>
198	198	<u>Spaghetti or macaroni</u>
199	199	<u>Potatoes</u>
200	200	<u>Rice</u>

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
201	201	<u>Cooked vegetables</u>
202	202	<u>Green salads</u>
203	203	<u>Fruits or Fruit juices</u>
204	204	<u>Sweet Dessert</u>
205	205	<u>Candy</u>
<u>FOURTH PAGE OF QUESTIONNAIRE - FEMALE</u>		
206	206	<u>Avoid Fat</u>
		0 - No 1 - Yes X - Not answered
207	207	<u>Fried Food</u>
		0 - None or less than 1 6 - 7-9 1 - 1 7 - 10-14 2 - 2 8 - 15-19 3 - 3 9 - 20+ 4 - 4 X - Unknown or very uncertain 5 - 5-6
NOTE: Add all items and code sum as shown above. Count "occasional", "sometimes" or "once in a while" as 1/2 and code to lowest whole number. If for any single type of fried food a number greater than 7 is recorded, assume this means "meals a week" and divide by 3 to estimate "days per week".		
---	208	<u>Repeated Use of Grease for Frying (ques 8)</u>
		0 - No (occasional, seldom, etc) 1 - Yes X - Unknown
209	209	<u>Salt and Pepper</u>
		0 - Neither 1 - Salt only 2 - Pepper only 3 - Both X - Not answered

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
210	210	<u>Catsup and Mayonnaise</u>

0 - Neither
 1 - Catsup only
 2 - Mayonnaise only
 3 - Both
 X - Not answered

211	211	<u>Ham and Pork</u>
-----	-----	---------------------

0 - Neither
 1 - Ham only
 2 - Pork only
 3 - Both
 X - Not answered

212	212	<u>Frankfurters and Salt Fish</u>
-----	-----	-----------------------------------

0 - Neither
 1 - Frankfurter only
 2 - Salt Fish only
 3 - Both
 X - Not answered

213-219	213-219	<u>BEVERAGES - TIMES PER DAY</u>
---------	---------	----------------------------------

Each of the columns 213-219 has the same code

Code times per day directly up to 7

0 - Do not drink this beverage

8 - 8 or more

9 - Occasionally, or less than 1 time per day

Y - At least one time per day, but not codeable for amount, highly variable, or cannot tell if occasional or regular

X - Beverage questions not answered. If X in column 213, columns 214-219 are blank

219

213	213	<u>Milk</u>
-----	-----	-------------

214	214	<u>Coffee</u>
-----	-----	---------------

215	215	<u>Tea</u>
-----	-----	------------

216	216	<u>Soft Drinks</u>
-----	-----	--------------------

217	217	<u>Beer</u>
-----	-----	-------------

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
218	218	<u>Wine</u>
219	219	<u>Whiskey</u>
220	220	<u>Hot Beverages</u> 1 - Very hot 2 - Moderately hot 3 - Lukewarm X - Not answered
221	221	<u>Avoid Certain Foods</u> 0 - No 1 - Yes X - Not answered
222	222	<u>Tranquilizers, Laxatives and Anti-acid Medicine</u> 0 - None (at least one of these three must be answered "never") 1 - Tranquilizers 2 - Laxatives 4 - Anti-acid medicine X - Unknown (no answer to any of these three questions) If two or more apply, code sum of numbers NOTE: If seldom or often is checked, count as a positive answer <u>Medical Check-up for female is in column 241</u>
223	223	<u>Aspirins</u> 0 - Never 1 - Seldom 2 - Often X - Not answered
224	224	<u>Vitamins</u> 0 - Never 1 - Seldom 2 - Often X - Not answered

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
225	225	<u>Sleeping Pills</u> 0 - Never 1 - Seldom 2 - Often X - Not answered

FOURTH PAGE OF QUESTIONNAIRE - MALE

226	---	<u>Occupation</u> If retired, code previous occupation 0 - None of those listed below 1 - Farmer only 2 - Farmer and other occupation 3 - Teacher, Legal Profession, Clergy 4 - Doctor, Dentist, Veterinarian 5 - Miner X - Unknown (question not answered)
-----	-----	---

---	226	<u>Occupation (Past or Present)</u> 0 - None or "housewife" 1 - Office or sales work (apparently) 2 - Factory work (apparently) 3 - Nurse 4 - Doctor 5 - Teacher 6 - Lawyer, social service worker, or other professional worker 7 - Beautician 8 - Other X - Unknown
-----	-----	---

NOTE: If "housewife" and any other is specified, code the other

227	227	<u>Retired</u> 0 - Apparently not retired 1 - Retired X - Unknown (i.e., no answer to question on occupation)
-----	-----	--

228	---	<u>Occupational Exposures</u> 0 - None (at least one question checked "no") 1 - Gas, dust, or fumes 2 - Chemicals, solvents, oil 4 - X-rays, radioactive materials X - Unknown (no answer to any of these three questions)
-----	-----	---

If two or more apply, code sum of code numbers

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
229	229	<u>Nervous Tension</u> 0 - None 1 - Slight 2 - Moderate 3 - Severe X - Unknown
230	230	<u>Mole or Wart - Noticed Change in Size or Color</u> 0 - No 1 - Yes X - Unknown
231	---	<u>Removal of Wart or Mole</u> 0 - No 1 - Yes X - Unknown
232	232	<u>Sore Which Will Not Heal</u> 0 - No 1 - Yes, lip, tongue, mouth 2 - Yes, nose, face, neck, head, forehead 4 - Yes, other location If two or more apply, code sum of numbers 9 - Yes, NOS X - Unknown
233-234	233-234	<u>Teeth Lost</u> Code Number Directly 00 - None 91 - "Several" or "Some" "One or two" "Two or three" 92 - "Most" 93 - "All" 94 - "Uppers" 95 - "Lowers" XX - Unknown
235	235	<u>Dental Plate</u> 0 - No X - Unknown 1 - Full dental plate (at least 16 teeth lost) 2 - Partial dental plate ("All", "Uppers", or "Lowers" cannot be coded for teeth lost 3 - Both full and partial plate (more than 17 teeth lost)

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
235	235	4 - Full dental plate (less than 16 teeth lost) 5 - Partial dental plate ("All", "Uppers", or "Lowers" is coded for teeth lost)
236	---	<u>Baldness</u> 0 - Not bald 1 - Slight baldness 2 - Moderate baldness 3 - Much baldness 9 - Bald "yes", degree unknown X - Unknown (question not answered)
237	---	<u>Circumcision</u> 1 - Completely circumcised 2 - Some foreskin 3 - Uncircumcised 4 - Don't know 5 - "no" NOS 9 - "yes" NOS X - Unknown <u>Frequency of Sexual Intercourse for Male is in Column 177</u>
238	238	<u>Lived in House with Person who had Cancer</u> 0 - No 1 - Parent, grandparent, brother, sister, son, or daughter 2 - Spouse 4 - Other If two or more apply, code sum of numbers 9 - "Yes" NOS X - Unknown
---	239	<u>Child had Cancer</u> 0 - No 1 - Leukemia 2 - Breast cancer 4 - Other specified site If two or more apply, code sum of numbers 9 - "Yes" - site not specified X - Unknown

<u>Male</u>	<u>Female</u>
<u>Column</u>	<u>Column</u>

240

240

Item

Religion

- | | |
|---------------------------|-----------------------------------|
| 1 - Protestant | 5 - Mormon (or Latter Day Saints) |
| 2 - Catholic | 9 - Other |
| 3 - Jewish | 0 - None or atheist |
| 4 - Seventh Day Adventist | X - Unknown |

NOTE: Code Greek Orthodox or Russian Orthodox same as Catholic

241

241

Medical Check-Up Every Year

- 0 - No
1 - Yes
X - Unknown

NOTE: If "Yes" and "No" are both checked, code "1"

242

242

Place of Birth

- 0 - United States (present 50 states; not Puerto Rico)
1 - Canada
2 - England, Wales, Scotland
3 - Ireland
4 - Italy
5 - Germany, Austria
6 - Norway, Sweden, Denmark, Finland, Holland
7 - Poland, Russia, Czechoslovakia, Yugoslavia, Serbia, Rumania, Hungary, Bulgaria
8 - European other than above
9 - Other specified
X - Unknown

243

Years in Present Neighborhood

- 0 - Less than 1 year
1 - 1 year
2 - 2 years
3 - 3 years
4 - 4 years
5 - 5-6 years
6 - 7-9 years
7 - 10-14 years
8 - 15-19 years
9 - 20+ years
X - Unknown

NOTE: Disregard fractions of a year (i.e. code 2 3/4 as 2)

Male Column	Female Column
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244	244
-----	-----

Item

Education

- 0 - No schooling (so indicated)
- 1 - Grammar school
- 2 - Some high school
- 3 - High school graduate
- 4 - Some college; graduate nurse; registered nurse; junior college; normal school
- 5 - College graduate
- X - Unknown or cannot be classified

NOTE: Disregard "write-ins" except as specified in 0 or 4
Code highest box checked

245	245
-----	-----

Person Filled Out Questionnaire

- 0 - No
- 1 - Yes
- X - Unknown

246	246
-----	-----

Size of Metropolitan Area of Unit Number

- 1 - County in a Metropolitan Area 2,000,000 or more
- 2 - County in a Metropolitan Area 1,000,000 to 2,000,000
- 3 - County in a Metropolitan Area 500,000 to 1,000,000
- 4 - County in a Metropolitan Area 50,000 to 500,000
- 5 - County in a Non-Metropolitan Area
- 9 - County Unit not codeable

247	247
-----	-----

Size of Place of Residence of Families

- 1 - City of 250,000 or more
- 2 - City of 50,000 to 250,000
- 3 - Town of 10,000 to 50,000 in a Metropolitan Area
- 4 - Town of less than 10,000 in a Metropolitan Area, or rural address for place in a Metropolitan Area
- 5 - Town of 10,000 to 50,000 in a Non-Metropolitan Area
- 6 - Town of 2,500 to 10,000 in a Non-Metropolitan Area
- 7 - Town of less than 2,500 in a Non-Metropolitan Area, or rural address for a place in a Non-Metropolitan Area
- 9 - Not codeable. (Includes places in foreign countries, cannot locate in reference books, special groups, such as prisoners, etc.)

248	248
-----	-----

Researcher in Study

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
		<u>SECOND QUESTIONNAIRE CARD (1961 Q)</u>
249-250	249-250	<u>Disease (1st field)</u> See supplementary list of diseases
251-252	251-252	<u>Disease (2nd field)</u>
253-254	253-254	<u>Disease (3rd field)</u>
255-256	255-256	<u>Site of Cancer</u> See Cancer Code
257	257	<u>Date of Diagnosis for Cancer</u> 2 - 1962 1 - 1961 0 - 1960 9 - 1959 8 - 1958 7 - 1957 6 - 1956 5 - 1955 or earlier Y - "Years ago" or other vague terms X - Unknown or not stated
258	258	<u>Accuracy of Diagnosis</u> 0 - Apparently definite 1 - Some doubt expressed 2 - Multiple primaries 3 - Called "pre-cancer" (possibly really cancer)
259	259	<u>Hospitalization</u> 0 - "No" on front 2 - Hospitalized 3 - Not hospitalized but disease(s) on front of card If questions 1-8 are completely blank, punch a "9" in column 260 and skip to 273.
260	260	<u>Question 2 - "Were you living here in 1959"?</u> 0 - No 1 - Yes X - Blank, uncodeable, question marks, etc.

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
261	261	<u>Question 3 - "Location of your home"</u> 1 - In country 2 - Outskirts of town 3 - Center of town X - Blank, uncodeable
262	262	<u>Question 4 - "Is your home in an area with heavy air pollution..."</u> 0 - No 1 - Yes X - Blank, uncodeable, question marks, etc.
263	263	<u>Question 5 - "Do you work in such an area?"</u> 0 - No 1 - Yes X - Blank, uncodeable, question marks, etc.
264-265	264-265	<u>Question 6 - "How many hours a week in automobiles...?"</u> Punch directly 0 - None X - Blank, uncodeable, question marks, dashes, etc.
266	266	<u>Question 7 and 7a - "How many cigarettes a day?"</u> 0 - Non-cigarette smoker or a present occasional smoker (less than one cigarette a day) 1 - 1-9 cigarettes a day 2 - 10-19 cigarettes a day (1/2 pack a day) 3 - 20 cigarettes a day (1 pack a day) 4 - 21-39 cigarettes a day 5 - 40 cigarettes a day (2 packs a day) 6 - 41+ cigarettes a day 8 - "No" to question "7", amount and/or brand given in "7a or 7b" X - Blank or uncodeable Y - Cigarette smoker amount uncertain or unknown
267-268	267-268	<u>Question 7b - Brand of cigarettes</u> See supplementary brand code
269-272	269-272	<u>QUESTION 8 - VACCINATION</u> Each of the columns 269-272 has the same code

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
269-272	269-272	0 - No 1 - Yes X - Blank, uncodeable, question marks, etc. Y - Vaccination question not answered. If Y in column 269 columns 270-272 are blank

269	269	<u>Smallpox</u>
-----	-----	-----------------

270	270	<u>Tetanus</u>
-----	-----	----------------

271	271	<u>Polio</u>
-----	-----	--------------

272	272	<u>Diphtheria</u>
-----	-----	-------------------

273	273	<u>Assigned and Reassigned Second Questionnaire Cards</u>
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Blank - No difficulty in matching original questionnaire identifying number with 2nd questionnaire card.

- 1 - Duplicate identifying numbers on 2nd questionnaire card
Positions 249-272 are punched only if information on 2nd questionnaire agree. If they disagree, information in these positions are punched "X"
- 2 - 2nd card of duplicate identifying numbers, and questionnaires without valid identifying numbers. All 2nd questionnaire information is "X'd" out, and assigned to a case with valid number that had no questionnaire return.
- 3 - Impossible disease - sex combination on 2nd questionnaire
No cancer on original questionnaire or 2nd questionnaire
All 2nd questionnaire information is "X'd" out.
- 4 - Impossible disease - sex combination cancer mentioned on 1st questionnaire. All 2nd questionnaire information is "X'd" out
- 5 - Impossible disease - sex combination cancer mentioned on 2nd questionnaire but not on 1st. All 2nd questionnaire information is "X'd" out.

274-275	274-275	<u>Movement on Second Questionnaire - State</u>
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Coded for State to which subject moved
See Supplementary code

- 00 - Coded "0" in column 260 (moved) and questionnaire card says he did not move
- XX - Coded "0" in column 260 (moved) and questionnaire card could not be found
- YY - Coded "0" in column 260 (moved) and no address on questionnaire card
- 99 - Moved in same State as State of Enrollment

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
276-277	276-277	<u>Movement on Second Questionnaire - Area and Place</u> Area and Place code to which subject moved Same code as columns 246-247 YY - Area and place of movement unknown or uncodeable
		<u>THIRD QUESTIONNAIRE CARD (1963 Q)</u>
278-279	278-279	<u>Disease (1st field)</u> See supplementary list of diseases
280-281	280-281	<u>Disease (2nd field)</u>
282-283	282-283	<u>Disease (3rd Field)</u>
284-285	284-285	<u>Site of Cancer</u> See Cancer Code
286	286	<u>Date of Diagnosis for Cancer</u> 4 - 1964 3 - 1963 2 - 1962 1 - 1961 0 - 1960 9 - 1959 8 - 1958 7 - 1957 6 - 1956 5 - 1955 or earlier Y - "Years ago" or other vague terms X - Unknown or not stated
287	287	<u>Accuracy of Diagnosis</u> 0 - Apparently definite 1 - Some doubt expressed 2 - Multiple primaries 3 - Called "pre-cancer" (possibly really cancer)
288	288	<u>Hospitalization</u> 0 - "No" on front 2 - Hospitalized 3 - Not hospitalized but disease(s) on front of card

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
289	289	<u>Disease on Front of Card</u> 0 - Nothing on front 1 - Something on front If questions 2-4 are completely blank, punch a "9" in column 290 and columns 291-298 are blank
290	290	<u>Question 2 - "Were you living here in 1961?"</u> 0 - No 1 - Yes X - Blank, uncodeable, question marks, etc.
291	291	<u>Question 2a - "Location of your home"</u> 1 - In country 2 - Outskirts of town 3 - Center of town X - Blank, uncodeable
292	292	<u>Question 2b - "Is your home in an area with heavy air pollution?"</u> 0 - No 1 - Yes X - Blank, uncodeable, question marks, etc.
293	293	<u>Question 3 - "Did you live on a farm early in life?"</u> 0 - No 1 - Yes X - Blank, uncodeable, etc.
294-295	294-295	<u>Question 3a - "Up to what age did you live on a farm?"</u> Code directly X - Age not given
296	296	<u>Question 4 and 4a - "How many cigarettes a day?"</u> 0 - Non-cigarette smoker or present occasional smokers (less than one cigarette a day) 1 - 1-9 cigarettes a day 2 - 10-19 cigarettes a day (1/2 pack a day) 3 - 20 cigarettes a day (1 pack a day) 4 - 21-39 cigarettes a day 5 - 40 cigarettes a day (2 packs a day) 6 - 41+ cigarettes a day 8 - "No" to question 4, amount and/or brand given in 4a or 4b X - Blank or uncodeable Y - Cigarette smoker, amount uncertain or unknown

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>
------------------------------	--------------------------------

Item

297-298 297-298

Question 4b - Brand of Cigarettes

See supplementary brand code

299-300 299-300

Movement on Third Questionnaire - State

Coded for State to which subject moved
See supplementary code

301-302 301-302

Movement on Third Questionnaire - Area and Place

Area and Place Code to which subject moved
Same code as columns 246-247
YY - Area and place of movement unknown or uncodeable

FOURTH QUESTIONNAIRE CARD (1965 Q)

303 303

Month Answered Questionnaire

9 - September	3 - March
0 - October	4 - April
X - November	5 - May
Y - December	6 - June
1 - January	7 - July
2 - February	8 - August

304 304

Question 3 - "Were you living at the above address in 1963?"

0 - No (moved)
1 - Yes (did not move)
X - Blank, uncodeable, etc.

305 305

Question 4 and 4a - "How many cigarettes do you usually smoke a day?"

0 - Non-cigarette smoker or present occasional smoker
 (less than one cigarette a day)
1 - 1-9 cigarettes a day
2 - 10-19 cigarettes a day (1/2 pack a day)
3 - 20 cigarettes a day (1 pack a day)
4 - 21-39 cigarettes a day
5 - 40 cigarettes a day (2 packs a day)
6 - 40+ cigarettes a day
8 - "No" to question 4, amount and/or brand given in 4a or 4b
X - Blank or uncodeable
Y - Cigarette smoker amount uncertain or unknown

306-307 306-307

Question 4B - Brand of Cigarettes

See supplementary brand code

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
308-309	308-309	<u>Disease (1st field)</u> See supplementary list of diseases
310-311	310-311	<u>Disease (2nd field)</u>
312-313	312-313	<u>Disease (3rd field)</u>
314-315	314-315	<u>Site of Cancer</u> See Cancer Code
316	316	<u>Date of Diagnosis for Cancer</u> 6 - 1966 5 - 1965 4 - 1964 3 - 1963 2 - 1962 1 - 1961 0 - 1960 9 - 1959 8 - 1958 7 - 1957 or earlier Y - "Years ago" or other vague terms X - Unknown or not stated
317	317	<u>Accuracy of Diagnosis</u> 0 - Apparently definite 1 - Some doubt expressed 2 - Multiple primaries 3 - Called "pre-cancer" (possibly really cancer)
318	318	<u>Hospitalization</u> 0 - "No" on front 2 - Hospitalized 3 - Not hospitalized but disease(s) on front or back of card
319	319	<u>Disease on Front of Card</u> 0 - Nothing on front 1 - Something on front

NOTE: Includes question 1 on back of card

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
320	320	<u>Year Answered Questionnaire Card</u> Blank - Answered card between September, 1965 and August, 1966 6 - Answered card between September, 1966 and December, 1966 7 - Answered card in 1967
321	321	<u>Duration - Onset of Coronary Artery Disease to Death</u> Code only if coronary (00,01) is coded as underlying cause of death. 0 - "Sudden death", "minutes", "instantly" 1 - 1 hour or less (but not specified as sudden) 2 - Over 1 hour; up to 6 hours 3 - Over 6 hours, up to, but not including 1 day 4 - 1 day up to and including 1 week 5 - Over 1 week; up to and including 6 months; "weeks", "a few months" 6 - Over 6 months, "months, years" 9 - Dead on arrival, etc. - (definitely under 36 hours) X - Unknown or unspecified NOTE: If 2 coronaries are mentioned on certificate, and time is specified for both, code the longest duration; if duration is unspecified for one of them, code "X".
322	322	<u>Twin Code</u> 0 - Twin, no cancer 1 - Twin, cancer Blank - not a twin
323	323	<u>Corrected Spouse Code</u> (Last digit on person number of spouse)
324	324	<u>Spouse in Study Code</u> 0 - No spouse in study 1 - Usable for spouse in study analysis
325-326	325-326	<u>Year of Birth and Unusable Questionnaires</u> Code last two digits of year of birth X - Unknown year of birth YX - Unusable questionnaire

1962

Male Column	Female Column	Item
327	327	<u>Age-Sex Group (5 year age group cohorts)</u> <i>Coded</i>

Year of Birth	Age Group	Male Code	Female Code
25-29	30-34	1	A
20-24	35-39	2	B
15-19	40-44	3	C
10-14	45-49	4	D
05-09	50-54	5	E
00-04	55-59	6	F
95-99	60-64	7	G
90-94	65-69	8	H
85-89	70-74	9	I
80-84	75-79	S	K
75-79	80-84	T	L
70-74	85-89	U	M
50-69	90+	V	N
30-49	Under 30	W	O
X or Y in 325	Not Usable	X	P

328 328

Sex Code *450*

M - Male
F - Female

329 329

Subjects Excluded Code

X - Unusable records (same as X in col 426)
1 - Not unusable, enrolled in Iowa, Mississippi
Louisiana (06,16,32 in 1-2) Divisions or in Barry
Co. MO. (Unit 20005)
0 - All other records

330-356 330-356

Name Transferred from 1972 Corrected Name Tape

357 357

Month of Death (Updated 1979)

1 - January	7 - July
2 - February	8 - August
3 - March	9 - September
4 - April	0 - October
5 - May	X - November
6 - June	Y - December

358-359 358-359

Year of Death (Updated 1979)

Last 2 digits of year of death. Month and year are coded only if death certificate was received.

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
360	360	<u>Death Certificate Hospitalization Code</u> 0 - Not in Hospital 1 - In Hospital 2 - In Nursing Home 3 - Unknown
361-362	361-362	<u>Underlying Cause (See attached Cause of Death Code)</u>
363-364	363-364	<u>Second Cause</u>
365-366	365-366	<u>Third Cause</u>
367	367	<u>Cancer: Death Certificate vs Medical Report (Cols 367-372 are coded only for deaths reported in 1st 6 follow-ups</u> Code 1-4 on all cases where cancer was recorded either on death certificate or medical report 1 - Cancer and medical report agree both as to cancer and as to primary site 2 - Cancer on both death certificate and medical report. But disagreement as to primary site 3 - No cancer on death certificate, but medical report indicates cancer 4 - Cancer on death certificate; medical report says that it was <u>not</u> cancer 5 - Answer received from Medical Doctor or hospital but no information available. 6 - Tumor verified as benign or so stated on death certificate. Blank - Death certificate says "cancer". <u>No</u> Medical Report received.
368-369	368-369	<u>D.C. Disagrees with Medical Report</u> XX - Code does not apply (i.e. coded 1 in col 334) 20 - "Tumor" recorded on death certificate; medical report indicates cancer 40-99 - Cancer coded on death certificate; medical report changes the diagnosis Blank - <u>No</u> medical report received

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
370	370	<u>Quality of Cancer Diagnosis</u> If 2 or more primary cancers are coded, this applies to the first one coded. X - Information refused or not available 1 - Histologic proof of cancer (or autopsy). Good evidence of primary site. 2 - Histologic proof of cancer (or autopsy). "Not good evidence" of primary site 3 - Clinical and/or x-ray evidence only; no doubt expressed as to either cancer or as to primary site. 4 - Clinical and/or x-ray evidence only. Doubt expressed as to primary site or as to cancer. 5 - Positive smear - good evidence of primary site 6 - Positive smear - not good evidence of primary site 9 - Follow-up shows no cancer
371-372	371-372	<u>Histologic Diagnosis - (Preliminary addition of SNOP code used)</u>
373	373	<u>Follow-Period Death was Reported (Coded only for 1st 6 follow-ups)</u>
374	374	<u>Status as of Close of 7th FU (Updated with Death Certificates Received)</u> Blank - Alive 0 - Originally dead or lost changed to alive 1 - Lost in 1971 2 - Dead, but no death certificate 9 - Dead, but with death certificate 4 - Alive - Does not wish to continue 5 - Unusable - Changed on basis of male filled out female questionnaire or vice-versa (determined from death certificate information) 6 - Unusable - Changed on basis of wrong year of birth on original questionnaire (determined from match with 8th FU questionnaires)
375	375	<u>Status of 8th FU (From Death Certificate Control Tape)</u> Blank - Alive 1 - Lost 1972 2 - Dead no death certificate 9 - Dead, death certificate received 4 - Alive - does not wish to continue 5 - Unusable - Changed on basis of male filled out female questionnaire or vice-versa (determined from death certificate information) 6 - Unusable - Changed on basis of wrong year of birth on original questionnaire (determined from match with 8th FU questionnaires)

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
		<u>1972 QUESTIONNAIRE INFORMATION</u>
376-379	376-379	<u>Date - Questionnaire Completed</u> 2 digits for month last 2 digits of year If blank on questionnaire - xx
380-383	380-383	<u>Date of Birth</u> 2 digits for month last 2 digits of year If blank on questionnaire - xx
384	384	<u>Sex</u> NOTE: If sex was not checked it was coded from the name on the questionnaire 1 - Male 2 - Female
385	385	<u>Ever had Cancer</u> 1 - Yes 2 - No X - No answer
386-387	386-387	<u>Cancer Type (See Cancer Site Code)</u>
388-389	388-389	<u>Date of First Treatment</u> Last 2 digits of year
390	390	<u>Heart Disease</u> 1 - Yes 2 - No X - No answer
391	391	<u>High Blood Pressure</u> 1 - Yes 2 - No X - No answer
392	392	<u>Diabetes</u> 1 - Yes 2 - No X - No answer
393	393	<u>Stroke</u> 1 - Yes 2 - No X - No answer

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
394	394	<u>Cirrhosis</u> 1 - Yes 2 - No X - No answer
395	395	<u>Ulcer</u> 1 - Yes 2 - No X - No answer
396	396	<u>Hysterectomy</u> 1 - Yes 2 - No X - No answer
397	397	<u>Hospitalized</u> 1 - Yes 2 - No X - No answer
398	398	<u>Sick Now</u> 1 - Yes 2 - No X - No answer
399	399	<u>Smoke Cigarettes</u> 1 - Yes 2 - No X - No answer
400-401	400-401	<u>How Many Cigarettes per day (only for subjects coded 1 column 399)</u> Code number of cigarettes directly 10 - 1/2 pack 20 - 1 pack 30 - 1 1/2 packs etc xx - Answered yes Column 399, no amount given Blank - Coded no, Column 399
402-403	402-403	<u>Brand - (See Brand of Cigarettes Code, 99 = smoked "yes" but brand unknown or not stated)</u>
404	404	<u>Filter-tip</u> 1 - Yes 2 - No X - No answer

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
405	405	<u>Menthol</u> 1 - Yes 2 - No X - No answer
406	406	<u>Smoke Cigars</u> 1 - Yes 2 - No X - No answer
407	407	<u>Smoke Pipes</u> 1 - Yes 2 - No X - No answer
408	408	<u>Medical Exam</u> 1 - Yes 2 - No X - No answer
409	409	<u>Proctoscope</u> 1 - Yes 2 - No X - No answer
410	410	<u>If so in last year</u> 1 - Yes 2 - No X - No answer
411	411	<u>Pap Smear</u> 1 - Yes 2 - No X - No answer
412	412	<u>If so in last year</u> 1 - Yes 2 - No X - No answer
413	413	<u>Exam Breasts</u> 1 - Yes 2 - No X - No answer

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
414	414	<u>X-Ray</u> 1 - Yes 2 - No X - No answer
415	415	<u>Change of Address on Questionnaire</u> X - Yes N - No
416-419	416-419	<u>Month and Year Reported Dead on Follow-up</u> (Coded only for deaths with no death certificate received) Month - Cols. 416 - 417 Year - Cols. 418 - 419
420	420	<u>Year Traced for Subjects Lost Prior to October 1965</u> 1 - Traced through September 30, 1964; lost thereafter 2 - Traced through September 30, 1963; lost thereafter 3 - Traced through September 30, 1962; lost thereafter 4 - Traced through September 30, 1961; lost thereafter 5 - Traced through September 30, 1960; lost thereafter
421-422	421-422	<u>Fraction of Year Exposed to Risk between October 1, 1959 and March 31, 1960</u>
423	423	<u>Subject on 1972 Name Tape</u> 0 - On Name Tape 1 - Not on Name Tape
424-425	424-425	<u>Conversion of Month of Death to Fraction of Year or if Not Dead Conversion of Month Answered 8th FU Questionnaire</u> 04 - January 12 - February 20 - March 29 - April 37 - May 46 - June 54 - July 62 - August 71 - September 79 - October 87 - November 96 - December

Male
Column

Female
Column

Item

426

426

Results of 7th and 8th Follow-ups and all death certificates received up to cut off date. Updated 1977

- 0 - Not on 7th or 8th follow-up form and no information obtained about subject in 7th or 8th follow-up and no death certificate
- 1 - Death Certificate received (regardless of follow-up in which death was reported). This includes cases where death was reported in the first six follow-ups as well as those found in the 7th and 8th follow-up
- 2 - Reported dead in 7th follow-up. No death certificate yet obtained
- 3 - Reported dead in 8th follow-up and reported lost in 7th follow-up. No death certificate yet obtained.
- 4 - Reported dead in 8th follow-up and not reported lost in 7th follow-up. No death certificate yet obtained
- 5 - (A,L) Reported lost in 8th FU and no questionnaire and not reported lost in 7th FU
- 6 - (L,A) Reported lost in 7th FU but not reported lost in 8th and no valid questionnaire
- 7 - (L,Q) Reported lost in 7th FU and valid questionnaire received in 8th FU
- 8 - (A,Q) Not reported lost in 7th FU and valid questionnaire received in 8th FU
- 9 - (A,A) Not reported lost in 7th FU and not reported lost in 8th FU and subject on 7th and 8th FU forms
- L - (L,L) Reported lost in both 7th FU and 8th FU and no valid questionnaire

(Note: Subjects coded X column 426 of C.F.S. Tape are omitted from this tape.

427

427

Exit Status

- X - Excluded from this analysis. Includes those coded X in col 426 (unusable original questionnaire, never traced, age under 30 or in one of 5 units excluded from 1965 follow-up)
- 0 - Death certificate received, dated between October 1, 1959 and March 31, 1960
- 1 - Death certificate received dated April 1, 1960 to September 30, 1965 (all divisions) and death certificates dated October 1, 1965 or later (all divisions except Iowa, Mississippi, or Louisiana and Barry Co., Mo)
- 2 - Alive (reported to be alive when last traced; may or may not have been lost before September 30, 1965). Note: Iowa, Mississippi and Louisiana and Barry Co., Mo. subjects with death certificates dated after Sept. 30, 1965 are included here.

428-431 428-431

Exit Date

Column 428-429 is the last 2 digits of year
Column 430-431 is the decimal fraction of the year

XXXX-Unusable subjects

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
432-433	432-433	<u>Percent of Unit Traced in 1971 Follow-up</u>
NOTE: Columns 432-439 refer to <u>counties</u> . When more than 1 unit number was assigned to a county, the results have been combined. 100% has been converted to 99.		
434-435	434-435	<u>Percent Traced in 1972 follow-up</u>
436-437	436-437	<u>Percent Returned 1972 Questionnaire</u>
438-439	438-439	<u>Percent "Best Traced" (includes codes 1,7,8,9 in col 426)</u>
440-444	440-444	<u>5-Digit Research Code</u>

445 445

LONGEVITY CLASS

- 1 - Both parents either died after the age of 80 or were still living and over 70. At least one grandparent survived to 80.
- 2 - Same as code 1 except that no grandparent was recorded as surviving to 80. Some of these subjects did not know the ages of their grandparents.
- 3 - Just one parent was recorded as having died over the age of 80 or still living and over 70, and at least one grandparent survived to 80. Some of these subjects did not know the age of one of their parents.
- 4 - Same as code 3 except that no grandparent was recorded as surviving to 80.
- 5 - Both parents died before the age of 80; at least one parent survived to 70 and at least one grandparent survived to 80.
- 6 - Same as code 5 except that no grandparent was recorded as surviving to 80.
- 7 - Both parents died before the age of 70
- X - Unknown - Subject did not know the age of either of his parents; or he knew the age of only one parent and that parent neither survived to 80 nor was still living and over 70; or subject was excluded from code 5, 6 or 7 because one or both of his parents were still living and under the age of 70

Male Column	Female Column
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Item

Results of 1976 Follow-up (corrected in August 1979)

446

446

- 0 - Traced alive in 1976 follow-up
- 1 - Death certificate (regardless of date) (in long-lived group)
- 2 - Reported dead in 1976 FU No Death Certificate (Some of these had been reported dead in a previous follow-up)
- 3 - Lost in 1976 FU
- 6 - Excluded because subject asked to be dropped from study before start of 1976 FU
- 7 - Age found to be in error. (Subject found to have been born too late to be included in long-lived group)
- 8 - Found to be unusable. (e.g. man filled out questionnaire for a woman, etc.)
- 9 - Not included in 1976 FU because born at too late a date
- X - Unusable subject. (Classified as unusable before start of 1976 FU)

LJYE* - Last July Year Exposed to Risk (Modified) (1976 Tracing)

447-448

447-448

(NOTE: Includes JY12)

- XX - Unusable. Either classified as unusable before start of 1976 FU or in 1976 FU found to be unusable for purposes of this tape. (These are coded X, 7, 8 Col 551)
- 00 - Death Certificates dated before July 1, 1960
- 05 - Iowa, Mississippi, Louisiana subjects traced alive in 6th FU
- 12 - Subjects not in long-lived group who were traced alive through June 30, 1972
- 15 - Subjects in long-lived group who were traced alive in 1976 FU or death certificates dated after June 30, 1975
- * All other subjects. For all other subjects Cols 552-553
Cols 552-553 = Cols 535-536 (LJYE) or JY of death

449

449

ES* Exit Status (Modified) for use in connection with
LJYE* Cols. 447-448 (1976 Tracing)

- X - Unusable for this tape. (Same as XX Cols. 552-553)
- A - Alive through end of LJYE*
- D - Died During LJYE*
- L - Lost during LJYE*

450

450

Sex (M or F)
Errors have been corrected.

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
451-452	451-452	<u>Year of Birth as Stated on Original (1959) questionnaire</u> Note: A few errors were found in review of the records in 1979. This field contains the corrected information.
453-455	453-455	<u>Age on July 1, 1959 According to the Original Questionnaire (corrected in 1979)</u> This is 1959 minus the year of birth shown in Col. 451-452
456-459	456-459	<u>Month and Year of Birth as Shown on the Death Certificate</u> Leave blank if no death certificate. Month and year of birth on death certificate is coded for subjects whose year of birth on death certificate differs from edited year of birth on the questionnaire. If the year of birth agrees, month is coded only for subjects who were reported dead on the 9th or 10th follow-up, or if reported dead earlier who were 95 years old or older when last traced.
460-463	460-463	<u>Month and Year of Birth as Shown on the 1972 Questionnaire</u> Leave blank if no date on questionnaire
464-467	464-467	<u>Month and Year of Birth as Reported in 9th or 10th follow-up</u>
468	468	<u>Classification of Subjects</u> 1-Long-lived group according to year of birth in Col. 451, 452 Men born in 1887 or earlier Women born in 1885 or earlier 2-Not in long-lived group but included in 9th or 10th follow-up; Not coded 1 and 0, 2, 3, 4 in Col. 70 or 1 in 70 and 1, 2 in Col. 61 of G3 Tape. 3-Enrolled in Iowa, Mississippi, Louisiana (06, 16, 32 in Cols. 1-2) or Barry County, Mo. (20005 in Cols. 1-5) 9-All other usable subjects X-Unusable subjects (X, 8 Col. 446 or 469)

<u>Male</u> <u>Column</u>	<u>Female</u> <u>Column</u>	<u>Item</u>
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469

469

Results of 10th Follow-up (1978)
(this is G3 Tape Col. 70 corrected as of August 1979)
Subjects in 1978 tracing. Includes the additional subjects who were too young according to original date of birth but were born before 1887 (M) or 1885 (F) on the 8th follow-up questionnaire (these are coded 1 or 2 in Col. 61 of G3 Tape). Subjects coded in the 1976 Tracing (Col. 29 of G3 tape) are coded the same in this column.

0-Traced alive in 1978

1-Death certificate received (regardless of follow-up)

2-In 10th follow-up was reported dead before 1978 - no death certificate received.

3-Not traced in 1978 follow-up.

4-In 10th follow-up was reported to have died in 1978 - no death certificate received.

6-Excluded from 1978 follow-up because subject asked to be dropped from study, or not traced through mix-up.

8-Unusable (Male filled out female questionnaire or female filled out male questionnaire).

Blank-Not included on 10th F.U. (which started Jan. 1, 1978).

470-471

470-471

Last Follow-up Traced Alive

01 Traced alive in 1st F.U., lost thereafter

02 Traced alive in 2nd F.U., lost thereafter

: : : : :

10 Traced alive in 10th F.U., lost thereafter

11 Traced alive in 11th F.U., lost thereafter

DD Died, death certificate obtained

XX Unusable subject

Note: This was first coded in August 1979 before the start of the 11th F.U. Subjects traced alive in the 10th follow-up were coded 10. After the end of the 11th F.U., many of them will be re-coded 11 or DD.

472-473

472-473

LJYE (See Table Z and appendix for rules)

474

474

ES (See Table Z and appendix for rules)

475-478

475-478

PYLJYE (See Table Z and appendix for rules)

479-483

479-483

PYJYI+

Person-year exposed to risk from start of JYI until end of tracing; died or lost.

This is (LJYE - 1 + PYLJYE)

11540

<u>Male Column</u>	<u>Female Column</u>	<u>Item</u>
484-486	484-486	AJYO (Latest) - Age at latest report - death certificate, 1972 questionnaire or 9th or 10th Follow-up
487-489	487-489	AJYO (Youngest)
490-492	490-492	AJYO (Oldest)
493-495	493-495	AJYO (Edited) The editing consists of comparing the original 1959 AJYO (Cols. 451-452) and the latest AJYO (Cols. 484-486) and averaging them. Rounding is toward the 1959 year of birth. Examples:

<u>1959</u>	<u>Latest</u>	<u>Diff</u>	<u>1/2 Diff</u>	<u>Edited Age</u>
050	060	010	005	55
050	059	009	0045	54
059	050	009	0045	55

496-498 496-498 Differences in years between 1959 and latest AJYO

499-500 499-500 LJYE* This is the last July year exposed to risk on the basis that persons who were last traced in the 1972 follow-up were not traced in the 12th July year (July 1971-July 1972). Those traced through the 16th and 17th July years are coded the same in this column as cols. 472-473 (LJYE)

501 501 ES* - Same as column 474 except that those who died in JY12 through 15 are coded ES=A in this column.

502-505 502-505 PYLJYE*

506-510 506-510 PYLJYE + 1*

Columns 511-522 refers to July Years 1-12 updated with 11th followup information.

511-512 511-512 LJYE (1-12) - Last year exposed to risk including last followup (July 1971-July 1972). Those traced in 1976, 1978 and 1980 are coded 12 in this column and A in 513 even if they died after July 1, 1972.

513 513 ES (1-12)

514-517 514-517 PLJYE (1-12)

518-522 518-522 PLJYE+1 (1-12)

A
✓
D

Columns 525-539 refer to updated
factors based on the 11th followup

<u>Male Column</u>	<u>Female Column</u>	
525	525	<u>Results of 11th Followup</u> -This is coded only for the people included in the long-lived followup conducted in 1980 0-Traced alive 1-Traced dead (death certificate received) 2-Reported dead - no death certificate 3-Not traced in 1980 followup 5-Previously reported dead (death certificate received)
526-527	526-527	<u>Last followup traced alive</u> 01-Traced alive in 1st FU, lost thereafter 02-Traced alive in 2nd FU, lost thereafter , , , 10-Traced alive in 10th FU, lost thereafter 11-Traced alive in 11th FU DD-Died, death certificate obtained XX-Unusable subject
528-529	528-529	<u>Last July Year Exposed to Risk</u> (LJYE 1980)
530	530	<u>Exit Status (ES 80)</u>
531-534	531-534	<u>Person Years Last July Year</u> <u>Exposed to Risk (PLJYE 80)</u>
535-539	535-539	<u>Person Years Last July Year</u> <u>Exposed to Risk +1 (PYLJYE +1, 80)</u> This is the total person years exposed to risk from start of JY 1 until end of tracing or death or loss. It is computed from (LJYE-1 + PYLJYE)
540	540	<u>Results of 1986 followup</u> -This is coded only for those included in the long lived followup in 1986) 0-alive 1-dead (D.C. received) 2-dead (no D.C.) 3-not traced 4-out of study 5-prev. reported dead (D.C. received)

<u>Male Column</u>	<u>Female Column</u>	
541-542	541-542	<u>Last JY exposed to risk</u> (LJYE 1985)
543	543	<u>Exit Status (1985)</u> A-Alive D-Dead L-Lost
544-547	544-547	<u>Person Years Exposed to Risk in Last July Year</u> (PYLJYE-85)
548-552	548-552	<u>Person Years Exposed to Risk - (PYLJYE +1, 85)</u> This is the total person years exposed to risk from start of JY 1 until end of tracing or death or loss. It is computed from (LJYE-1 + PYLJYE)
553	553	<u>Results of 1988 followup-This is coded only for those included in the long lived followup in 1988</u> 0-alive 1-dead (D.C. received) 2-dead (no D.C.) 3-not traced 4-out of study 5-prev. reported dead (D.C. received)
554-555	554-555	<u>Last JY exposed to risk</u> (LJYE 1987)
556	556	<u>Exit Status (1987)</u> A-Alive D-Dead L-Lost
557-560	557-560	<u>Person Years Exposed to Risk in Last July Year</u> (PYLJYE-87)
561-565	561-565	<u>Person Years Exposed to Risk - (PYLJYE +1, 87)</u> This is the total person years exposed to risk from start of JY until end of tracing or death or loss. It is computed from (LJYE-1 + PYLJYE).