

## Mail: Health

nx001rer-nx002rer	How would you rate your health, currently and compared with other people your age and sex?
nx003rer-nx016rer	How would you rate various aspects of your physical condition now compared with ten years ago?
nx017rer-nx018rer	How often do you participate in various light or vigorous physical activity?
nx019rer	Number of days during the last year respondent stayed in bed for more than half a day due to illness or injury.
nx020rer-nx022rer	Number of times during the last year respondent was hospitalized for at least one night.
nx023rer, nx024rec	What is your weight and height?
nx025rec	Body mass index calculation
nx026rer-nx034rer	Types of medical/dental tests respondent had in the past twelve months.
nx035rer-nx044red	Cigarette smoking questions.
nx045rer-nx101rer	Physical symptoms, frequency of occurrence, and degree of discomfort caused in the past six months.
nx102rer	Total number of symptoms.
nx103rer-nx138rer	Illnesses or medical conditions that a medical professional says you have and the degree the condition currently interferes with what you do.
nx139re	Total number of illnesses.
nx140rer-nx143rer	Do you or your spouse have a physical or mental condition that limits the amount or kind of work you can do for pay?

NOTE: In cases where respondents circled multiple answers, they were coded as -3 (not ascertained/refused).

### **nx001rer: How would you rate your health at the present time?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
Source variables: 1a, MX001RER  
Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	9	14	23
1	VERY POOR	6	12	18
2	POOR	37	35	72
3	FAIR	217	231	448
4	GOOD	1151	1269	2420
5	EXCELLENT	482	599	1081

**nx002rer: How would you rate your health compared with other people your age and sex?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 1b, MX002RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	17	31	48
1	VERY POOR	12	19	31
2	POOR	62	66	128
3	FAIR	204	220	424
4	GOOD	1036	1149	2185
5	EXCELLENT	571	675	1246

**nx003rer: Compared with 10 years ago, how would you rate your health now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2a, MX003RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	7	9	16
1	MUCH WORSE	45	66	111
2	SOMEWHAT WORSE	467	520	987
3	ABOUT THE SAME	1132	1206	2338
4	SOMEWHAT BETTER	202	243	445
5	MUCH BETTER	49	116	165

### **nx004rer: Compared with 10 years ago, how would you rate your appearance now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2b, MX004RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	4	15	19
1	MUCH WORSE	7	24	31
2	SOMEWHAT WORSE	462	567	1029
3	ABOUT THE SAME	1254	1205	2459
4	SOMEWHAT BETTER	140	260	400
5	MUCH BETTER	35	89	124

Note: See Appendix G COR571A for references on Health items  
 NX001RER-NX004RER.

Items NX005RER-NX016RER are not available for original sample  
 members. They have been coded as "-3 NOT ASCERTAINED/REFUSED".

**nx005rer: Compared with 10 years ago, how would you rate your eyesight now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2c  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	13	22	35
1	MUCH WORSE	47	86	133
2	SOMEWHAT WORSE	1052	1144	2196
3	ABOUT THE SAME	737	837	1574
4	SOMEWHAT BETTER	43	50	93
5	MUCH BETTER	10	21	31

**nx006rer: Compared with 10 years ago, how would you rate your teeth now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2d  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	13	28	41
1	MUCH WORSE	53	51	104
2	SOMEWHAT WORSE	462	500	962
3	ABOUT THE SAME	1239	1440	2679
4	SOMEWHAT BETTER	113	111	224
5	MUCH BETTER	22	30	52

**nx007rer: Compared with 10 years ago, how would you rate your energy level now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2e  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	14	28	42
1	MUCH WORSE	53	93	146
2	SOMEWHAT WORSE	763	879	1642
3	ABOUT THE SAME	906	934	1840
4	SOMEWHAT BETTER	138	173	311
5	MUCH BETTER	28	53	81

**nx008rer: Compared with 10 years ago, how would you rate your weight now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2f  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	13	26	39
1	MUCH WORSE	39	128	167
2	SOMEWHAT WORSE	577	803	1380
3	ABOUT THE SAME	1049	960	2009
4	SOMEWHAT BETTER	175	195	370
5	MUCH BETTER	49	48	97

**nx009rer: Compared with 10 years ago, how would you rate your hearing now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2g  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	16	24	40
1	MUCH WORSE	37	23	60
2	SOMEWHAT WORSE	598	352	950
3	ABOUT THE SAME	1215	1721	2936
4	SOMEWHAT BETTER	28	26	54
5	MUCH BETTER	8	14	22

**nx010rer: Compared with 10 years ago, how would you rate your hair condition now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2h  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	12	25	37
1	MUCH WORSE	53	27	80
2	SOMEWHAT WORSE	748	290	1038
3	ABOUT THE SAME	1046	1623	2669
4	SOMEWHAT BETTER	36	170	206
5	MUCH BETTER	7	25	32

**nx011rer: Compared with 10 years ago, how would you rate your body shape now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2i  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	11	23	34
1	MUCH WORSE	37	85	122
2	SOMEWHAT WORSE	695	881	1576
3	ABOUT THE SAME	969	948	1917
4	SOMEWHAT BETTER	160	184	344
5	MUCH BETTER	30	39	69

**nx012rer: Compared with 10 years ago, how would you rate your skin condition now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2j  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	13	29	42
1	MUCH WORSE	10	10	20
2	SOMEWHAT WORSE	250	426	676
3	ABOUT THE SAME	1541	1526	3067
4	SOMEWHAT BETTER	76	139	215
5	MUCH BETTER	12	30	42

### **nx013rer: Compared with 10 years ago, how would you rate your sexual pleasure now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2k  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	31	118	149
1	MUCH WORSE	75	118	193
2	SOMEWHAT WORSE	413	417	830
3	ABOUT THE SAME	1131	1199	2330
4	SOMEWHAT BETTER	203	231	434
5	MUCH BETTER	49	77	126

### **nx014rer: Compared with 10 years ago, how would you rate the strength of your arms now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 2l  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	10	23	33
1	MUCH WORSE	34	67	101
2	SOMEWHAT WORSE	626	789	1415
3	ABOUT THE SAME	1070	1124	2194
4	SOMEWHAT BETTER	135	129	264
5	MUCH BETTER	27	28	55

### **nx015rer: Compared with 10 years ago, how would you rate the strength of your legs now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 2m

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	10	27	37
1	MUCH WORSE	43	83	126
2	SOMEWHAT WORSE	567	744	1311
3	ABOUT THE SAME	1092	1110	2202
4	SOMEWHAT BETTER	159	155	314
5	MUCH BETTER	31	41	72

### **nx016rer: Compared with 10 years ago, how would you rate your digestive functions now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 2n

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	11	21	32
1	MUCH WORSE	20	41	61
2	SOMEWHAT WORSE	250	401	651
3	ABOUT THE SAME	1513	1553	3066
4	SOMEWHAT BETTER	88	112	200
5	MUCH BETTER	20	32	52

**nx017rer: How often do you participate in light physical activity such as walking, dancing, gardening, golfing, bowling, etc.?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 3a, MX005RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	29	44	73
1	THREE OR MORE TIMES PER WEEK	1013	1115	2128
2	ONCE OR TWICE PER WEEK	568	587	1155
3	ABOUT ONE TO THREE TIMES PER MONTH	186	277	463
4	LESS THAN ONCE PER MONTH	106	137	243

**nx018rer: How often do you participate in vigorous physical exercise or sports such as aerobics, running, swimming, bicycling, etc.?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 3b, MX006RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	32	66	98
1	THREE OR MORE TIMES PER WEEK	340	275	615
2	ONCE OR TWICE PER WEEK	416	295	711
3	ABOUT ONE TO THREE TIMES PER MONTH	410	366	776
4	LESS THAN ONCE PER MONTH	704	1158	1862

**nx019rer: During the last year, how many days, if any, did you stay in bed for more than half of the day because of illness or injury?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 4, MX007RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	18	36	54
0	NONE	1294	1287	2581
1		201	221	422
2		159	245	404
3 - 5		138	214	352
6 - 300		91	153	244
777	LESS THAN 1 DAY	1	4	5

**nx020rer: During the last year, how many times, if any, have you been hospitalized for at least one night?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 5a, MX008RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	86	134	220
0	NONE	1650	1841	3491
1		116	128	244
2		29	26	55
3		10	10	20
4		1	1	2
5		3	4	7
6		0	3	3
7		0	1	1
9		5	8	13
10		1	0	1
14		0	1	1
21		0	1	1
23		1	0	1
99		0	2	2

**nx021rer: What was the reason for the longest hospital stay during the last year?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 5b, a5b  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	2	2	4

Wisconsin Longitudinal Study Codebook

-2	INAPPROPRIATE INAPPROPRIATE (NX020RER=0)	1650	1841	3491
1	Edema, Filled With Water	1	1	2
2	Accident	3	4	7
3	Respiratory System Problems, Incl. But Not Limited To Asthma, Bronchitis, Sinus Problems	5	9	14
4	Neck/Back Surgery/Problems	10	4	14
5	Hernia	6	3	9
6	Cardiovascular Problems, Incl. Heart Attack, Chest Pain, Angioplasty, Etc.	32	25	57
7	Joint Replacement, Surgery	9	8	17
8	Neurological Conditions, Incl. Aneurysm, Stroke, M.S.	4	6	10
9	Broken Bone	3	2	5
10	Diabetic Problems, Low Blood Sugar	3	0	3
11	Reproductive Organ Surgery, Incl. Hysterectomy , Mastectomy, Breast Reduction/Enlargement	0	19	19
12	Gastro-Intestinal Surgery/Problems, Incl. Pancreas, Gall Bladder, Ileus, Ulcer, Colon	16	17	33
13	Cancer - Surgery, Treatment	7	9	16
14	Stress/Depression/Psychological Problems	2	3	5
15	Childbirth	0	5	5
16	Urinary Tract Surgery/Problems, Incl. Kidney Surgery, Prostate	17	3	20
17	Blood Clots, Unexplained Bleeding, Embolism	4	4	8
18	Testing	2	3	5
19	Metabolic/Endocrine Conditions Incl. Thyroid	0	5	5
20	Varicose Vein Surgery, Veinal Ligation	1	1	2
21	Eye Surgery	3	1	4
22	Viral Or Bacterial Infection	1	3	4
23	Shoulder Surgery, Rotator Cuff Surgery	3	2	5

Wisconsin Longitudinal Study Codebook

24	Participating In A Study	3	0	3
25	Donating Bone Marrow	1	0	1
26	Surgery, Not Specified	6	18	24
27	Allergies Or Allergic Reaction To Something	0	1	1
28	Surgery, N.E.C	8	6	14
29	Other Condition, Or Condition Not Specified	11	11	22
96	No Reason Given	89	144	233

Note: This question was not asked of original sample members.

**nx022rer: How long was that stay in days?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 5c

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	88	145	233
-2	INAPPROPRIATE INAP (NX020RER=0)	1650	1841	3491
0	LESS THAN 1 DAY	1	1	2
1		33	37	70
2 - 3		43	55	98
4 - 5		36	38	74
6 - 10		40	32	72
11 - 120		11	11	22

Note: This question was not asked of original sample members.

**nx023rer: How much do you weigh in pounds?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 6, MX009RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	21	95	116
65 - 140		37	827	864
141 - 165		280	617	897
166 - 185		532	325	857
186 - 215		649	183	832
216 - 510		383	113	496

Note: In the public data file, NX023RER is bottom-coded at 100 and top-coded at 300.

**nx024rec: How tall are you? Response in nearest quarter of an inch with two implied decimal points.**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 7a, 7b, 7c, 7d, MX010REC  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	23	47	70
4850 - 6400		22	1033	1055
6450 - 6700		201	817	1018
6725 - 7000		698	244	942
7050 - 7400		842	16	858
7425 - 8200		116	3	119

Note: In the public data file, NX024REC is bottom-coded at 5500 and top-coded at 7700.

NX024REC has two implied decimal places.

### **nx025rec: Body mass index based on respondent's weight and height.**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 6, 7a, 7b, 7c, 7d, MX011REC

Revisions: Updated 02/03

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	24	96	120
10 - 23		233	724	957
24 - 26		630	522	1152
27 - 29		558	360	918
30 - 38		423	390	813
39 - 69		34	68	102

Note: In the public data file, NX025REC is bottom-coded at 18 and top-coded at 43.

Items NX026RER-NX034RER are not available for original sample members. They are coded as "-3 NOT ASCERTAINED/REFUSED".

**nx026rer: In the last 12 months, have you had a complete health exam or physical?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8a  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	24	50	74
1	YES	1016	1436	2452
2	NO	862	674	1536

**nx027rer: In the last 12 months, have you had a routine dental check-up?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8b  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	24	51	75
1	YES	1485	1746	3231
2	NO	393	363	756

**nx028rer: In the last 12 months, have you had a stress test?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8c  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	33	81	114
1	YES	328	206	534
2	NO	1541	1873	3414

**nx029rer: In the last 12 months, have you had a cholesterol test?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8d  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	27	62	89
1	YES	1078	1315	2393
2	NO	797	783	1580

**nx030rer: In the last 12 months, have you had a blood pressure check?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8e  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	27	56	83
1	YES	1580	1906	3486
2	NO	295	198	493

**nx031rer: In the last 12 months, have you had a chest x-ray?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8f  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	38	71	109
1	YES	620	712	1332
2	NO	1244	1377	2621

**nx032rer: In the last 12 months, have you had a prostate exam?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: SEXRSP, SBSX, 8g  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	43	0	43
-2	Inappropriate INAP (SIBSEX=2 or SEXRSP=2)	0	2160	2160
1	YES	941	0	941
2	NO	918	0	918

**nx033rer: In the last 12 months, have you had a a Pap smear?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8h  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	0	80	80
-2	Inappropriate INAP (SIBSEX=1 or SEXRSP=1)	1902	0	1902
1	YES	0	1490	1490
2	NO	0	590	590

**nx034rer: In the last 12 months, have you had a a mammogram?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 8i  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	0	64	64
-2	Inappropriate INAP (SIBSEX=1 or SEXRSP=1)	1902	0	1902
1	YES	0	1385	1385
2	NO	0	711	711

Note: Items NX035RER-NX037RER were not asked of the original sample members. They are coded as "-3 NOT ASCERTAINED/REFUSED".

**nx035rer: Up until you were 16 years old, who other than yourself was the first person in your household that smoked?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: scn1, 9a1  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED (INCLUDES ALL 23 GRADUATES)	37	61	98
0	NO ONE	480	580	1060
1	MOTHER	429	479	908
2	FATHER	855	951	1806
3	SOMEONE IN MY HOUSEHOLD OTHER THAN MY PARENTS	101	89	190

**nx036rer: Up until you were 16 years old, who other than yourself was the second person in your household that smoked?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 9a2

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED (INCLUDES ALL 23 GRADUATES)	37	61	98
-2	INAPPROPRIATE INAP, NX035RER=0	480	580	1060
1	MOTHER	3	3	6
2	FATHER	329	373	702
3	SOMEONE IN MY HOUSEHOLD OTHER THAN MY PARENTS	132	97	229
7	NOTHING ELSE IS CIRCLED	921	1046	1967

**nx037rer: Up until you were 16 years old, who other than yourself was the third person in your household that smoked?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9a3  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED (INCLUDES ALL 23 GRADUATES)	37	61	98
-2	INAPPROPRIATE INAP, NX035RER=0, NX036RER=7	1401	1626	3027
1	MOTHER	0	3	3
2	FATHER	4	0	4
3	SOMEONE IN MY HOUSEHOLD OTHER THAN MY PARENTS	66	56	122
7	NOTHING ELSE IS CIRCLED	394	414	808

**nx038rer: Have you ever smoked cigarettes regularly?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9b, MX012RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	25	44	69
1	YES	1191	1036	2227
2	NO	686	1080	1766

**nx039rec: Do you smoke regularly now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9c, MX013RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	25	44	69
-2	INAPPROPRIATE INAPPROPRIATE (NEVER SMOKED)	686	1080	1766
1	YES	350	333	683
2	NO	841	703	1544

**nx040red: For how many years did/have you smoked regularly?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9d, a9d1, MX014RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	32	47	79
-2	INAPPROPRIATE INAPPROPRIATE (NEVER SMOKED OR CURRENTLY SMOKING)	1036	1413	2449
0	Less than one year	0	3	3
1 - 8		142	202	344
9 - 15		211	153	364
16 - 21		177	135	312
22 - 30		187	148	335
31 - 51		117	59	176

Note: Not ascertained codes changed to year based on open-ended responses.

**nx041red: About how many packs did/do you usually smoke per day then/now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9e, MX015RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	43	58	101
-2	INAPPROPRIATE INAPPROPRIATE (NEVER SMOKED OR CURRENTLY SMOKING)	1036	1413	2449
0	Half A Pack Or Less	118	271	389
1	One Pack	426	333	759
2	Two Packs	230	75	305
3	Three Packs	41	10	51
4	Four Packs Or More	7	0	7
6	Smoked One Or More Bowls Of Pipe Tobacco	1	0	1

**nx042red: How old were you when you stopped smoking regularly?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 9f1

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED, INCLUDES ALL 23 GRADUATES	52	78	130
-2	INAPPROPRIATE INAPPROPRIATE (NEVER SMOKED OR CURRENTLY SMOKING)	1036	1413	2449
16 - 28		162	175	337
29 - 36		197	124	321
37 - 43		171	137	308
44 - 50		171	141	312
51 - 75		113	92	205

**nx043red: For how many years have you smoked regularly?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9g, MX014RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	26	50	76
-2	INAPPROPRIATE INAPPROPRIATE (NEVER SMOKED OR NOT CURRENTLY SMOKING)	1527	1783	3310
1 - 21		73	63	136
22 - 30		110	122	232
31 - 36		75	70	145
37 - 45		76	64	140
46 - 60		15	8	23

**nx044red: How many packs of cigarettes do you usually smoke in a day now?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 9h, MX015RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	35	56	91
-2	INAPPROPRIATE INAPPROPRIATE (NEVER SMOKED OR NOT CURRENTLY SMOKING)	1527	1783	3310
0	Half A Pack Or Less	61	81	142
1	One Pack	196	200	396
2	Two Packs	62	37	99
3	Three Packs	9	3	12
4	Four Packs Or More	1	0	1
5	Smoked One Or More Cigars	4	0	4
6	Smoked One Or More Bowls Of Pipe Tobacco	7	0	7

Note: Question was regarding cigarette smoking; however some respondents gave information regarding cigars or pipe tobacco.

Health Symptoms items NX045RER through NX101RER are an amalgam symptoms list measure created for the WLS.

### **nx045rer: In the past six months have you felt a lack of energy?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 10Aa, scn2, MX016RER, MX017RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	24	33	57
0	HAVE NOT HAD	699	494	1193
1	MONTHLY OR LESS OFTEN	714	858	1572
2	ABOUT ONCE A WEEK	339	544	883
3	DAILY OR MORE OFTEN	126	231	357

### **nx046rer: How much discomfort has lack of energy caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 10Ba, MX018RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	95	101	196
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	699	494	1193
0	NONE	435	482	917
1	A LITTLE	467	658	1125
2	SOME	163	318	481
3	A LOT	43	107	150

### **nx047rer: In the past six months have you had trouble sleeping?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 10Ab, MX019RER, MX020RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	24	25	49
0	HAVE NOT HAD	876	718	1594
1	MONTHLY OR LESS OFTEN	549	677	1226
2	ABOUT ONCE A WEEK	339	541	880
3	DAILY OR MORE OFTEN	114	199	313

**nx048rer: How much discomfort has trouble sleeping caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bb, MX021RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	88	90	178
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	876	718	1594
0	NONE	217	270	487
1	A LITTLE	495	592	1087
2	SOME	171	345	516
3	A LOT	55	145	200

**nx049rer: How often have you had fatigue or exhaustion in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ac, MX022RER, MX023RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	35	40	75
0	HAVE NOT HAD	935	853	1788
1	MONTHLY OR LESS OFTEN	585	721	1306
2	ABOUT ONCE A WEEK	259	406	665
3	DAILY OR MORE OFTEN	88	140	228

### **nx050rer: How much discomfort has fatigue or exhaustion caused you in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10Bc, MX024RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	98	91	189
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	935	853	1788
0	NONE	216	221	437
1	A LITTLE	455	581	1036
2	SOME	153	297	450
3	A LOT	45	117	162

### **nx051rer: How often have you had headaches in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10Ad, MX025RER, MX026RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	21	33	54
0	HAVE NOT HAD	891	590	1481
1	MONTHLY OR LESS OFTEN	731	991	1722
2	ABOUT ONCE A WEEK	225	430	655
3	DAILY OR MORE OFTEN	34	116	150

**nx052rer: How much discomfort have headaches caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bd, MX027RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	100	107	207
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	891	590	1481
0	NONE	174	198	372
1	A LITTLE	548	734	1282
2	SOME	153	372	525
3	A LOT	36	159	195

**nx053rer: In the past six months how often have you had visual problems?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ae, MX028RER, MX029RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	32	45	77
0	HAVE NOT HAD	1513	1598	3111
1	MONTHLY OR LESS OFTEN	219	285	504
2	ABOUT ONCE A WEEK	56	93	149
3	DAILY OR MORE OFTEN	82	139	221

### **nx054rer: How much discomfort have visual problems caused you in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10Be, MX030RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	57	58	115
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1513	1598	3111
0	NONE	66	93	159
1	A LITTLE	167	233	400
2	SOME	70	124	194
3	A LOT	29	54	83

### **nx055rer: How often have you had dizziness or faintness in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10Af, MX031RER, MX032RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	23	30	53
0	HAVE NOT HAD	1667	1786	3453
1	MONTHLY OR LESS OFTEN	162	267	429
2	ABOUT ONCE A WEEK	44	52	96
3	DAILY OR MORE OFTEN	6	25	31

**nx056rer: How much discomfort has dizziness or faintness caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bf, MX033RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	36	33	69
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1667	1786	3453
0	NONE	62	69	131
1	A LITTLE	98	197	295
2	SOME	31	55	86
3	A LOT	8	20	28

**nx057rer: How often have you had numbness in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ag, MX034RER, MX035RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	21	30	51
0	HAVE NOT HAD	1566	1767	3333
1	MONTHLY OR LESS OFTEN	177	191	368
2	ABOUT ONCE A WEEK	60	97	157
3	DAILY OR MORE OFTEN	78	75	153

**nx058rer: How much discomfort has numbness caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bg, MX036RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	39	43	82
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1566	1767	3333
0	NONE	55	58	113
1	A LITTLE	156	162	318
2	SOME	56	81	137
3	A LOT	30	49	79

**nx059rer: How often have you had ringing in ears in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ah, MX037RER, MX038RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	23	29	52
0	HAVE NOT HAD	1406	1724	3130
1	MONTHLY OR LESS OFTEN	197	225	422
2	ABOUT ONCE A WEEK	74	74	148
3	DAILY OR MORE OFTEN	202	108	310

**nx060rer: How much discomfort has ringing in ears caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bh, MX039RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	56	43	99
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1406	1724	3130
0	NONE	149	126	275
1	A LITTLE	183	175	358
2	SOME	76	62	138
3	A LOT	32	30	62

**nx061rer: How often have you had nausea in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ai, MX040RER, MX041RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	22	28	50
0	HAVE NOT HAD	1699	1763	3462
1	MONTHLY OR LESS OFTEN	161	318	479
2	ABOUT ONCE A WEEK	17	34	51
3	DAILY OR MORE OFTEN	3	17	20

**nx062rer: How much discomfort has nausea caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bi, MX042RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	30	43	73
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1699	1763	3462
0	NONE	40	59	99
1	A LITTLE	108	226	334
2	SOME	21	48	69
3	A LOT	4	21	25

**nx063rer: How often have you had vomiting in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Aj, MX043RER, MX044RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	20	28	48
0	HAVE NOT HAD	1813	2004	3817
1	MONTHLY OR LESS OFTEN	62	116	178
2	ABOUT ONCE A WEEK	6	8	14
3	DAILY OR MORE OFTEN	1	4	5

**nx064rer: How much discomfort has vomiting caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bj, MX045RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	20	26	46
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1813	2004	3817
0	NONE	18	19	37
1	A LITTLE	37	78	115
2	SOME	11	22	33
3	A LOT	3	11	14

**nx065rer: How often have you had upset stomach in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ak, MX046RER, MX047RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	20	32	52
0	HAVE NOT HAD	1197	1302	2499
1	MONTHLY OR LESS OFTEN	554	655	1209
2	ABOUT ONCE A WEEK	110	128	238
3	DAILY OR MORE OFTEN	21	43	64

### **nx066rer: How much discomfort has upset stomach caused you in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10Bk, MX048RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	61	66	127
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1197	1302	2499
0	NONE	94	96	190
1	A LITTLE	413	537	950
2	SOME	121	127	248
3	A LOT	16	32	48

### **nx067rer: How often have you had constipation in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10A1, MX049RER, MX050RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	23	27	50
0	HAVE NOT HAD	1522	1416	2938
1	MONTHLY OR LESS OFTEN	310	497	807
2	ABOUT ONCE A WEEK	42	177	219
3	DAILY OR MORE OFTEN	5	43	48

**nx068rer: How much discomfort has constipation caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10B1, MX051RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	42	61	103
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1522	1416	2938
0	NONE	79	102	181
1	A LITTLE	206	384	590
2	SOME	47	151	198
3	A LOT	6	46	52

**nx069rer: How often have you had diarrhea in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Am, MX052RER, MX053RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	22	28	50
0	HAVE NOT HAD	1306	1473	2779
1	MONTHLY OR LESS OFTEN	506	515	1021
2	ABOUT ONCE A WEEK	61	117	178
3	DAILY OR MORE OFTEN	7	27	34

**nx070rer: How much discomfort has diarrhea caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bm, MX054RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	54	52	106
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1306	1473	2779
0	NONE	145	95	240
1	A LITTLE	312	404	716
2	SOME	75	107	182
3	A LOT	10	29	39

**nx071rer: How often have you had urination problems in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10An, MX055RER, MX056RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	27	34	61
0	HAVE NOT HAD	1636	1891	3527
1	MONTHLY OR LESS OFTEN	128	142	270
2	ABOUT ONCE A WEEK	47	37	84
3	DAILY OR MORE OFTEN	64	56	120

**nx072rer: How much discomfort have urination problems caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bn, MX057RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	41	39	80
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1636	1891	3527
0	NONE	36	29	65
1	A LITTLE	110	89	199
2	SOME	56	80	136
3	A LOT	23	32	55

**nx073rer: How often have you had aching muscles in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ao, MX058RER, MX059RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	30	32	62
0	HAVE NOT HAD	670	763	1433
1	MONTHLY OR LESS OFTEN	714	785	1499
2	ABOUT ONCE A WEEK	326	318	644
3	DAILY OR MORE OFTEN	162	262	424

**nx074rer: How much discomfort have aching muscles caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bo, MX060RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	114	93	207
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	670	763	1433
0	NONE	145	122	267
1	A LITTLE	627	669	1296
2	SOME	264	334	598
3	A LOT	82	179	261

**nx075rer: How often have you had stiff or swollen joints in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ap, MX061RER, MX062RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	34	33	67
0	HAVE NOT HAD	1174	1241	2415
1	MONTHLY OR LESS OFTEN	351	383	734
2	ABOUT ONCE A WEEK	196	217	413
3	DAILY OR MORE OFTEN	147	286	433

**nx076rer: How much discomfort have stiff or swollen joints caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bp, MX063RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	75	61	136
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1174	1241	2415
0	NONE	64	52	116
1	A LITTLE	313	348	661
2	SOME	196	287	483
3	A LOT	80	171	251

**nx077rer: How often have you had back pain or strain in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Aq, MX064RER, MX065RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	25	23	48
0	HAVE NOT HAD	826	914	1740
1	MONTHLY OR LESS OFTEN	642	699	1341
2	ABOUT ONCE A WEEK	240	273	513
3	DAILY OR MORE OFTEN	169	251	420

**nx078rer: How much discomfort has back pain or strain caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bq, MX066RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	90	85	175
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	826	914	1740
0	NONE	66	51	117
1	A LITTLE	476	551	1027
2	SOME	312	358	670
3	A LOT	132	201	333

**nx079rer: How often have you had chest pain in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ar, MX067RER, MX068RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	27	33	60
0	HAVE NOT HAD	1630	1910	3540
1	MONTHLY OR LESS OFTEN	191	161	352
2	ABOUT ONCE A WEEK	32	47	79
3	DAILY OR MORE OFTEN	22	9	31

**nx080rer: How much discomfort has chest pain caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Br, MX069RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	40	37	77
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1630	1910	3540
0	NONE	38	34	72
1	A LITTLE	132	119	251
2	SOME	45	45	90
3	A LOT	17	15	32

**nx081rer: How often have you had shortness of breath in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10As, MX070RER, MX071RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	26	28	54
0	HAVE NOT HAD	1464	1677	3141
1	MONTHLY OR LESS OFTEN	269	283	552
2	ABOUT ONCE A WEEK	83	103	186
3	DAILY OR MORE OFTEN	60	69	129

### **nx082rer: How much discomfort has shortness of breath caused you in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10Bs, MX072RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	58	37	95
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1464	1677	3141
0	NONE	79	64	143
1	A LITTLE	180	244	424
2	SOME	93	97	190
3	A LOT	28	41	69

### **nx083rer: How often have you had excessive sweating in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 10At, MX073RER, MX074RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	25	30	55
0	HAVE NOT HAD	1580	1736	3316
1	MONTHLY OR LESS OFTEN	168	200	368
2	ABOUT ONCE A WEEK	78	102	180
3	DAILY OR MORE OFTEN	51	92	143

**nx084rer: How much discomfort has excessive sweating caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bt, MX075RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	43	44	87
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1580	1736	3316
0	NONE	90	59	149
1	A LITTLE	126	173	299
2	SOME	49	97	146
3	A LOT	14	51	65

**nx085rer: How often have you had respiratory problems in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Au, MX076RER, MX077RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	28	28	56
0	HAVE NOT HAD	1662	1863	3525
1	MONTHLY OR LESS OFTEN	140	164	304
2	ABOUT ONCE A WEEK	37	50	87
3	DAILY OR MORE OFTEN	35	55	90

**nx086rer: How much discomfort have respiratory problems caused you in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail  
 Source variables: 10Bu, MX078RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	35	33	68
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1662	1863	3525
0	NONE	31	24	55
1	A LITTLE	104	117	221
2	SOME	49	84	133
3	A LOT	21	39	60

**nx087rer: How often have you had skin problems in the past six months?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail  
 Source variables: 10Av, MX079RER, MX080RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	24	35	59
0	HAVE NOT HAD	1589	1745	3334
1	MONTHLY OR LESS OFTEN	174	258	432
2	ABOUT ONCE A WEEK	50	46	96
3	DAILY OR MORE OFTEN	65	76	141

**nx088rer: How much discomfort have skin problems caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bv, MX081RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	32	48	80
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1589	1745	3334
0	NONE	66	80	146
1	A LITTLE	131	183	314
2	SOME	60	70	130
3	A LOT	24	34	58

Note: Items NX089RER-NX101RER were not asked of the original sample members. They are coded as "-3 NOT ASCERTAINED/REFUSED".

**nx089rer: How often have you had coughing or wheezing in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Aw  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	29	49	78
0	HAVE NOT HAD	1416	1584	3000
1	MONTHLY OR LESS OFTEN	307	329	636
2	ABOUT ONCE A WEEK	88	92	180
3	DAILY OR MORE OFTEN	62	106	168

**nx090rer: How much discomfort has coughing or wheezing caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bw  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	63	64	127
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1416	1584	3000
0	NONE	86	76	162
1	A LITTLE	227	266	493
2	SOME	85	118	203
3	A LOT	25	52	77

**nx091rer: How often have you had bone pains in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ax  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	31	54	85
0	HAVE NOT HAD	1466	1558	3024
1	MONTHLY OR LESS OFTEN	195	259	454
2	ABOUT ONCE A WEEK	103	130	233
3	DAILY OR MORE OFTEN	107	159	266

**nx092rer: How much discomfort have bone pains caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bx  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	65	80	145
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1466	1558	3024
0	NONE	19	33	52
1	A LITTLE	172	232	404
2	SOME	121	152	273
3	A LOT	59	105	164

**nx093rer: How often have you had palpitations in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Ay  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	48	63	111
0	HAVE NOT HAD	1719	1745	3464
1	MONTHLY OR LESS OFTEN	96	256	352
2	ABOUT ONCE A WEEK	29	63	92
3	DAILY OR MORE OFTEN	10	33	43

**nx094rer: How much discomfort have palpitations caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10By  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	57	79	136
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1719	1745	3464
0	NONE	40	108	148
1	A LITTLE	63	162	225
2	SOME	22	48	70
3	A LOT	1	18	19

**nx095rer: How often have you had painful sexual intercourse in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Az  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	36	108	144
0	HAVE NOT HAD	1835	1918	3753
1	MONTHLY OR LESS OFTEN	22	101	123
2	ABOUT ONCE A WEEK	5	29	34
3	DAILY OR MORE OFTEN	4	4	8

**nx096rer: How much discomfort has painful sexual intercourse caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10Bz  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	40	108	148
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1835	1918	3753
0	NONE	6	12	18
1	A LITTLE	13	71	84
2	SOME	4	35	39
3	A LOT	4	16	20

**nx097rer: How often have you had difficulties with sexual intercourse in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10A2  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	36	125	161
0	HAVE NOT HAD	1602	1895	3497
1	MONTHLY OR LESS OFTEN	160	105	265
2	ABOUT ONCE A WEEK	50	29	79
3	DAILY OR MORE OFTEN	54	6	60

**nx098rer: How much discomfort have difficulties with sexual intercourse caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
Source variables: 10B2

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	53	124	177
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1602	1895	3497
0	NONE	53	12	65
1	A LITTLE	85	72	157
2	SOME	51	32	83
3	A LOT	58	25	83

**nx099rer: How often have you had a symptom other than lack of energy, trouble sleeping, fatigue or exhaustion, headaches, visual problems, dizziness or faintness, numbness, ringing in ears, nausea, vomiting, upset stomach, constipation, diarrhea, urination problems, aching muscles, stiff or swollen joints, back pain or strain, chest pain, shortness of breath, excessive sweating, respiratory problems, skin problems, coughing or wheezing, bone pains, palpitations, painful sexual intercourse, or**

**difficulties with sexual intercourse in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 10B3, a10B3

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	17	26	43
-2	INAPPROPRIATE INAPPROPRIATE (NO OTHER SYMPTOMS)	1860	2065	3925
1	Sinus Problems	3	12	15
2	Lack Of Sex	1	3	4
3	Stroke	0	1	1
4	Balance Problems	0	1	1
5	Vaginal Dryness	0	3	3
6	Tremors	1	1	2
7	Tennis Elbow	1	1	2
8	Broken Bone	0	2	2
9	Pinched Nerve	1	0	1
10	Heartburn	0	4	4
11	Knee Problems	1	1	2
12	Arthritis	3	2	5
13	Numbness	0	1	1
14	Death Of Family Member	1	0	1
15	Allergies	0	2	2
16	Memory Loss	1	0	1
17	Hearing Loss	1	1	2
18	Miscellaneous Back Problems	3	2	5
19	Heel Spur/Pain	0	3	3

20	Cramps	0	2	2
21	Menopausal Symptoms	0	3	3
22	Pain, Not Elsewhere Classified Or Not Specified	1	6	7
23	Other	7	18	25

**nx100rer: How often have you had this symptom other than lack of energy, trouble sleeping, fatigue or exhaustion, headaches, visual problems, dizziness or faintness, numbness, ringing in ears, nausea, vomiting, upset stomach, constipation, diarrhea, urination problems, aching muscles, stiff or swollen joints, back pain or strain, chest pain, shortness of breath, excessive sweating, respiratory problems, skin problems, coughing or wheezing, bone pains, palpitations, painful sexual intercourse, or difficulties with sexual intercourse in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 10B4  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	20	42	62
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1860	2065	3925
1	MONTHLY OR LESS OFTEN	3	13	16
2	ABOUT ONCE A WEEK	3	14	17
3	DAILY OR MORE OFTEN	16	26	42

**nx101rer: How much discomfort has this symptom other than lack of energy, trouble sleeping, fatigue or exhaustion, headaches, visual problems, dizziness or faintness, numbness, ringing in ears, nausea, vomiting, upset stomach, constipation, diarrhea, urination problems, aching muscles, stiff or swollen joints, back pain or strain, chest pain, shortness of breath, excessive sweating, respiratory problems, skin**

**problems, coughing or wheezing, bone pains, palpitations, painful sexual intercourse, or difficulties with sexual intercourse caused you in the past six months?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 10B5

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED - ALL 23 GRADUATES	20	33	53
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1860	2065	3925
0	NONE	3	3	6
1	A LITTLE	3	8	11
2	SOME	4	25	29
3	A LOT	12	26	38

**nx102rer: Number of symptoms.**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 10Aa, 10Ab, 10Ac, 10Ad, 10Ae, 10Af, 10Ag, 10Ah, 10Ai, 10Aj, 10Ak, 10Al, 10Am, 10An, 10Ao, 10Ap, 10Aq, 10Ar, 10As, 10At, 10Au, 10Av, 10Aw, 10Ax, 10Ay, 10Az, 10A2, 10B3

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
0 - 4		616	486	1102
5 - 7		517	608	1125
8 - 10		398	498	896
11 - 18		333	511	844
19 - 27		38	57	95

Note: See nx045rer, nx047rer, nx049rer, nx051rer, nx053rer, nx055rer, nx057rer, nx059rer, nx061rer, nx063rer, nx065rer, nx067rer, nx069rer, nx071rer, nx073rer, nx075rer, nx077rer, nx079rer, nx081rer, nx083rer, nx085rer, nx087rer, nx089rer, nx091rer, nx093rer, nx095rer, nx097rer, and nx099rer.

The total number of symptoms possible for original sample members is 22, and for sibling sample members is 28. Also, refusals were tallied here as "no symptoms".

**nx103rer: Has a medical professional ever said you have anemia?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: scn3, 11Aa, MX083RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	40	47	87
1	HAS SYMPTOM	61	458	519
2	DOES NOT HAVE SYMPTOM	1801	1655	3456

**nx104rer: How much does your anemia currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ba, MX084RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	42	54	96
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1801	1655	3456
1	NOT AT ALL	40	358	398
2	VERY LITTLE	9	65	74
3	SOME	7	23	30
4	QUITE A BIT	3	4	7
5	A GREAT DEAL	0	1	1

**nx105rer: Has a medical professional ever said you have asthma?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ab, MX085RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	37	49	86
1	HAS SYMPTOM	112	162	274
2	DOES NOT HAVE SYMPTOM	1753	1949	3702

**nx106rer: How much does your asthma currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bb, MX086RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	40	52	92
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1753	1949	3702
1	NOT AT ALL	48	54	102
2	VERY LITTLE	25	49	74
3	SOME	24	39	63
4	QUITE A BIT	9	15	24
5	A GREAT DEAL	3	2	5

### **nx107rer: Has a medical professional ever said you have arthritis or rheumatism?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ac, MX087RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	38	51	89
1	HAS SYMPTOM	487	743	1230
2	DOES NOT HAVE SYMPTOM	1377	1366	2743

### **nx108rer: How much does your arthritis or rheumatism currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bc, MX088RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	54	64	118
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1377	1366	2743
1	NOT AT ALL	88	123	211
2	VERY LITTLE	147	210	357
3	SOME	152	248	400
4	QUITE A BIT	57	106	163
5	A GREAT DEAL	27	43	70

**nx109rer: Has a medical professional ever said you have bronchitis or emphysema?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ad, MX089RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	40	58	98
1	HAS SYMPTOM	185	383	568
2	DOES NOT HAVE SYMPTOM	1677	1719	3396

**nx110rer: How much does your bronchitis or emphysema currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bd, MX090RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	42	68	110
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1677	1719	3396
1	NOT AT ALL	94	186	280
2	VERY LITTLE	38	105	143
3	SOME	36	56	92
4	QUITE A BIT	9	20	29
5	A GREAT DEAL	6	6	12

### **nx111rer: Has a medical professional ever said you have cancer?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 11Ae, MX091RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	41	53	94
1	HAS SYMPTOM	108	174	282
2	DOES NOT HAVE SYMPTOM	1753	1933	3686

### **nx112rer: How much does your cancer currently interfere with what you like to do?**

Data source: Sibling Respondent Collected in: 1993-94 Mode: mail

Source variables: 11Be, MX092RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	40	55	95
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1753	1933	3686
1	NOT AT ALL	64	123	187
2	VERY LITTLE	16	21	37
3	SOME	15	15	30
4	QUITE A BIT	8	8	16
5	A GREAT DEAL	6	5	11

**nx113rer: Has a medical professional ever said you have chronic liver trouble?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Af, MX093RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	41	58	99
1	HAS SYMPTOM	19	23	42
2	DOES NOT HAVE SYMPTOM	1842	2079	3921

**nx114rer: How much does your chronic liver trouble currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bf, MX094RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	40	58	98
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1842	2079	3921
1	NOT AT ALL	10	12	22
2	VERY LITTLE	9	8	17
3	SOME	0	2	2
5	A GREAT DEAL	1	1	2

**nx115rer: Has a medical professional ever said you have diabetes?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ag, MX095RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	42	54	96
1	HAS SYMPTOM	111	94	205
2	DOES NOT HAVE SYMPTOM	1749	2012	3761

**nx116rer: How much does your diabetes currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bg, MX096RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	44	54	98
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1749	2012	3761
1	NOT AT ALL	39	35	74
2	VERY LITTLE	27	30	57
3	SOME	24	22	46
4	QUITE A BIT	16	5	21
5	A GREAT DEAL	3	2	5

### **nx117rer: Has a medical professional ever said you have serious back trouble?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ah, MX097RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	41	54	95
1	HAS SYMPTOM	290	307	597
2	DOES NOT HAVE SYMPTOM	1571	1799	3370

### **nx118rer: How much does your serious back trouble currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bh, MX098RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	52	57	109
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1571	1799	3370
1	NOT AT ALL	29	26	55
2	VERY LITTLE	61	66	127
3	SOME	115	111	226
4	QUITE A BIT	45	58	103
5	A GREAT DEAL	29	43	72

**nx119rer: Has a medical professional ever said you have heart trouble?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ai, MX099RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	33	56	89
1	HAS SYMPTOM	214	141	355
2	DOES NOT HAVE SYMPTOM	1655	1963	3618

**nx120rer: How much does your heart trouble currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bi, MX100RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	38	57	95
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1655	1963	3618
1	NOT AT ALL	79	55	134
2	VERY LITTLE	71	39	110
3	SOME	40	30	70
4	QUITE A BIT	15	10	25
5	A GREAT DEAL	4	6	10

**nx121rer: Has a medical professional ever said you have high blood pressure?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Aj, MX101RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	33	47	80
1	HAS SYMPTOM	505	555	1060
2	DOES NOT HAVE SYMPTOM	1364	1558	2922

**nx122rer: How much does your high blood pressure currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bj, MX102RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	43	58	101
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1364	1558	2922
1	NOT AT ALL	308	300	608
2	VERY LITTLE	131	176	307
3	SOME	46	59	105
4	QUITE A BIT	7	7	14
5	A GREAT DEAL	3	2	5

**nx123rer: Has a medical professional ever said you have circulation problems?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ak, MX103RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	44	61	105
1	HAS SYMPTOM	141	188	329
2	DOES NOT HAVE SYMPTOM	1717	1911	3628

**nx124rer: How much do your circulation problems currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bk, MX104RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	39	64	103
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1717	1911	3628
1	NOT AT ALL	29	40	69
2	VERY LITTLE	51	64	115
3	SOME	45	61	106
4	QUITE A BIT	14	11	25
5	A GREAT DEAL	7	9	16

**nx125rer: Has a medical professional ever said you have kidney or bladder problems?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11A1, MX105RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	44	51	95
1	HAS SYMPTOM	145	276	421
2	DOES NOT HAVE SYMPTOM	1713	1833	3546

**nx126rer: How much does your kidney or bladder problems currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11B1, MX106RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	43	56	99
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1713	1833	3546
1	NOT AT ALL	65	124	189
2	VERY LITTLE	42	67	109
3	SOME	27	62	89
4	QUITE A BIT	8	14	22
5	A GREAT DEAL	4	4	8

**nx127rer: Has a medical professional ever said you have an ulcer?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Am, MX107RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	37	49	86
1	HAS SYMPTOM	158	206	364
2	DOES NOT HAVE SYMPTOM	1707	1905	3612

**nx128rer: How much does your ulcer currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bm, MX108RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	42	53	95
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1707	1905	3612
1	NOT AT ALL	74	92	166
2	VERY LITTLE	46	59	105
3	SOME	24	40	64
4	QUITE A BIT	9	7	16
5	A GREAT DEAL	0	4	4

**nx129rer: Has a medical professional ever said you have allergies?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11An, MX109RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	41	53	94
1	HAS SYMPTOM	361	667	1028
2	DOES NOT HAVE SYMPTOM	1500	1440	2940

**nx130rer: How much do your allergies currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bn, MX110RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	44	73	117
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1500	1440	2940
1	NOT AT ALL	107	195	302
2	VERY LITTLE	123	214	337
3	SOME	107	182	289
4	QUITE A BIT	15	36	51
5	A GREAT DEAL	6	20	26

**nx131rer: Has a medical professional ever said you have multiple sclerosis?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ao, MX111RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	43	53	96
1	HAS SYMPTOM	22	34	56
2	DOES NOT HAVE SYMPTOM	1837	2073	3910

**nx132rer: How much does your multiple sclerosis currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bo, MX112RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	43	57	100
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1837	2073	3910
1	NOT AT ALL	13	11	24
2	VERY LITTLE	5	1	6
3	SOME	0	2	2
4	QUITE A BIT	2	7	9
5	A GREAT DEAL	2	9	11

**nx133rer: Has a medical professional ever said you have colitis?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ap, MX113RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	44	57	101
1	HAS SYMPTOM	44	127	171
2	DOES NOT HAVE SYMPTOM	1814	1976	3790

**nx134rer: How much does your colitis currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Bp, MX114RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	47	63	110
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1814	1976	3790
1	NOT AT ALL	23	38	61
2	VERY LITTLE	12	27	39
3	SOME	4	36	40
4	QUITE A BIT	1	11	12
5	A GREAT DEAL	1	9	10

Note: Items NX135RER-NX136RER were not asked of the original sample members. They are coded as "-3 NOT ASCERTAINED/REFUSED".

### **nx135rer: Has a medical professional ever said you have high cholesterol?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
Source variables: 11Aq  
Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	48	53	101
1	YES	539	599	1138
2	NO	1315	1508	2823

### **nx136rer: How much does your high cholesterol currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
Source variables: 11Bq  
Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	61	75	136
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1315	1508	2823
1	NOT AT ALL	321	346	667
2	VERY LITTLE	134	140	274
3	SOME	56	74	130
4	QUITE A BIT	10	14	24
5	A GREAT DEAL	5	3	8

**nx137rer: Has a medical professional ever said you have an illness or condition other than anemia, asthma, arthritis or rheumatism, bronchitis or emphysema, cancer, chronic liver trouble, diabetes, serious back trouble, heart trouble, high blood pressure, circulation problems, kidney or bladder problems, ulcer, allergies, multiple sclerosis, colitis, or high cholesterol?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Ar, a11Ar  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	19	25	44
-2	INAPPROPRIATE INAPPROPRIATE (NO OTHER ILLNESSES)	1809	1982	3791
-1	DON'T KNOW	1	0	1
301	CANCER	0	4	4
302	BENIGN TUMORS	0	4	4

Wisconsin Longitudinal Study Codebook

305	SKIN CONDITIONS	5	2	7
306	ALZHEIMER'S DISEASE; SENILITY; DEMENTIA; FORGETFULNESS	1	0	1
309	FATIGUE/LOSS OF ENERGY	0	2	2
310	HYPOGLYCEMIA, THYROID PROBLEMS	5	26	31
311	OBESITY	1	2	3
316	EATING DISORDERS	0	1	1
320	DEPRESSION	2	0	2
321	ANXIETY	0	2	2
325	DRUG DEPENDENCE/ADDICTION	1	0	1
328	OTHER REFERENCES TO EMOTIONAL OR PSYCHOLOGICAL CONDITIONS	0	1	1
330	MULTIPLE SCLEROSIS, CEREBRAL PALSY, EPILEPSY, PARKINSON'S DISEASE; ALS	7	5	12
332	BLINDNESS	1	5	6
333	OTHER EYE CONDITIONS	0	1	1
335	OTHER EAR CONDITIONS	0	4	4
337	HEADACHES; MIGRAINES; DIZZINESS	0	8	8
338	OTHER REFERENCES TO NEUROLOGICAL CONDITIONS	3	2	5
341	CHEST PAINS, ANGINA, ARTERIOSCLEROSIS	0	1	1
343	STROKE	2	1	3
344	VARICOSE VEINS	0	1	1
348	OTHER SPECIFIC CIRCULATORY SYSTEM, HEART CONDITIONS, AND BLOOD DISORDERS	5	4	9
350	ACUTE UPPER RESPIRATORY DISEASES, PNEUMONIA, BRONCHITIS	1	1	2
351	TUBERCULOSIS	3	0	3
352	EMPHYSEMA	0	1	1
354	SINUSITIS, TONSILLITIS, ALLERGIES, HAY FEVER	1	10	11

Wisconsin Longitudinal Study Codebook

358	OTHER REFERENCES TO RESPIRATORY CONDITIONS e.g. SLEEP APNEA	2	1	3
360	STOMACH AND INTESTINAL CONDITIONS	0	8	8
361	CIRRHOSIS, HEPATITIS, LIVER CONDITIONS	0	1	1
363	GALLBLADDER CONDITIONS	0	1	1
364	BLADDER OR PROSTATE CONDITIONS; KIDNEY STONES; KIDNEY DISEASES	9	0	9
365	HERNIAS	2	3	5
368	OTHER CONDITIONS OF THE DIGESTIVE SYSTEM	2	7	9
370	HYSTERECTOMY	0	1	1
378	OTHER REFERENCES TO GYNECOLOGICAL CONDITIONS	0	2	2
380	ARTHRITIS, RHEUMATISM	3	6	9
381	LUPUS	0	1	1
382	MUSCULAR DYSTROPHY	0	1	1
383	POLIO	5	2	7
384	DISC PROBLEMS	1	3	4
386	BONE/JOINT DETERIORATION	0	1	1
388	OTHER REFERENCES TO MUSCULOSKELETAL CONDITIONS	1	7	8
390	SKULL BONE, NECK AND BACK INJURIES	0	1	1
391	CONCUSSIONS, SPINAL CORD AND BRAIN DAMAGE FROM INJURIES/ACCIDENTS	0	1	1
392	OTHER BROKEN BONES/TENDONS	0	1	1
394	INFECTIOUS DISEASES	1	0	1
410	MISC. OTHER CONDITIONS/ILLNESS - NOT DK/INAP/REF/NA	9	17	26

**nx138rer: How much do your illnesses or conditions other than anemia, asthma, arthritis or rheumatism, bronchitis or emphysema, cancer, chronic liver trouble, diabetes, serious back trouble, heart trouble, high blood pressure, circulation problems, kidney or bladder problems, ulcer, allergies, multiple sclerosis, colitis, or high cholesterol currently interfere with what you like to do?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Br  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	23	39	62
-2	INAPPROPRIATE INAPPROPRIATE (DOESN'T HAVE SYMPTOM)	1809	1982	3791
1	NOT AT ALL	17	29	46
2	VERY LITTLE	18	28	46
3	SOME	15	35	50
4	QUITE A BIT	10	26	36
5	A GREAT DEAL	10	21	31

**nx139rer: Total number of illnesses.**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 11Aa, 11Ab, 11Ac, 11Ad, 11Ae, 11Af 11Ag, 11Ah, 11Ai, 11Aj, 11Ak, 11Al 11Am, 11An, 11Ao, 11Ap, 11Aq, 11Ar  
 Revisions: Updated 1/99

<b>Frequencies</b>				
<b>Value</b>	<b>Label</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
.	System missing - NR	2535	2181	4716
0	NONE	480	372	852
1		490	467	957
2		406	441	847
3		232	331	563
4		134	236	370
5		74	142	216
6		39	54	93
7		15	54	69
8		11	29	40
9		6	14	20
10		3	9	12
11		4	4	8
12		3	1	4
13		1	2	3
15		0	2	2
16		1	2	3
17		3	0	3

Note: Original sample members have a total of 16 possible illnesses, while sibling sample members have a total of 18. Refusals were tallied as "no illnesses".

**nx140rer: Do you have a physical or mental condition that limits the amount or kind of work you can do for pay?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 12a, MX118RER  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	13	16	29
1	YES	260	313	573
2	NO	1629	1831	3460

**nx141rer: What is the specific physical or mental condition that limits the amount or kind of work you can do for pay?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: 12b, a12b

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED, NOT ASCERTAINED	8	7	15
-2	Inappropriate INAPPROPRIATE (NX140RER ne 1)	1642	1847	3489
301	CANCER	7	4	11
302	BENIGN TUMORS	0	1	1
308	OLD AGE	7	4	11
309	FATIGUE/LOSS OF ENERGY	2	5	7
310	HYPOGLYCEMIA, THYROID PROBLEMS	1	0	1
311	OBESITY	1	1	2
313	DIABETES	2	3	5
320	DEPRESSION	7	9	16
321	ANXIETY	4	2	6
322	ALCOHOLISM	0	1	1
326	SCHIZOPHRENIA	1	0	1

Wisconsin Longitudinal Study Codebook

328	OTHER REFERENCES TO EMOTIONAL OR PSYCHOLOGICAL CONDITIONS	1	1	2
330	MULTIPLE SCLEROSIS, CEREBRAL PALSY, EPILEPSY, PARKINSON'S DISEASE; ALS	11	20	31
332	BLINDNESS	1	7	8
333	OTHER EYE CONDITIONS	0	1	1
334	LOSS OF HEARING	3	2	5
336	ALL SPEECH CONDITIONS	1	0	1
338	OTHER REFERENCES TO NEUROLOGICAL CONDITIONS	8	7	15
340	HYPERTENSION, HIGH BLOOD PRESSURE	0	2	2
341	CHEST PAINS, ANGINA, ARTERIOSCLEROSIS	11	7	18
342	HEART ATTACK	1	1	2
343	STROKE	7	5	12
344	VARICOSE VEINS	0	3	3
348	OTHER SPECIFIC CIRCULATORY SYSTEM, HEART CONDITIONS, AND BLOOD DISORDERS	16	6	22
350	ACUTE UPPER RESPIRATORY DISEASES, PNEUMONIA, BRONCHITIS	2	0	2
352	EMPHYSEMA	2	2	4
353	ASTHMA	4	4	8
354	SINUSITIS, TONSILLITIS, ALLERGIES, HAY FEVER	1	4	5
358	OTHER REFERENCES TO RESPIRATORY CONDITIONS e.g. SLEEP APNEA	3	4	7
360	STOMACH AND INTESTINAL CONDITIONS	1	1	2
361	CIRRHOSIS, HEPATITIS, LIVER CONDITIONS	1	1	2
362	KIDNEY FAILURE INCLUDING DIALYSIS	0	1	1
364	BLADDER OR PROSTATE CONDITIONS; KIDNEY STONES; KIDNEY DISEASES	1	1	2
368	OTHER CONDITIONS OF THE DIGESTIVE SYSTEM	0	1	1

Wisconsin Longitudinal Study Codebook

378	OTHER REFERENCES TO GYNECOLOGICAL CONDITIONS	0	1	1
380	ARTHRITIS, RHEUMATISM	25	50	75
381	LUPUS	0	1	1
383	POLIO	5	3	8
384	DISC PROBLEMS	15	22	37
385	OSTEOPOROSIS	1	0	1
386	BONE/JOINT DETERIORATION	5	8	13
387	PARALYSIS; AMPUTATIONS	5	4	9
388	OTHER REFERENCES TO MUSCULOSKELETAL CONDITIONS	74	73	147
390	SKULL BONE, NECK AND BACK INJURIES	5	3	8
391	CONCUSSIONS, SPINAL CORD AND BRAIN DAMAGE FROM INJURIES/ACCIDENTS	1	1	2
392	OTHER BROKEN BONES/TENDONS	3	4	7
393	OTHER INJURIES NOT INVOLVING BROKEN BONES OR BRAIN/SPINAL CORD DAMAGE	2	7	9
401	MYALGIA/MUSCLE PAIN	0	1	1
410	MISC. OTHER CONDITIONS/ILLNESS - NOT DK/INAP/REF/NA	4	17	21

**nx142rer: Does your husband or wife have a physical or mental condition that limits the amount or kind of work he or she can do for pay?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail

Source variables: xv34m, 34m, 13a, MX119RER

Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	NOT ASCERTAINED/REFUSED	21	28	49
0	NOT MARRIED (SINGLE, SEPARATED, DIVORCED, OR WIDOWED)	233	425	658
1	YES	169	218	387
2	NO	1479	1489	2968

**nx143rer: What is the specific physical or mental condition that limits the amount or kind of work your husband or wife can do for pay?**

Data source: Sibling Respondent    Collected in: 1993-94    Mode: mail  
 Source variables: 13b, a13b  
 Revisions: Updated 1/99

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2535	2181	4716
-3	REFUSED/NOT ASCERTAINED	13	12	25
-2	Inappropriate INAPPROPRIATE (NX142RER ne 1)	1733	1942	3675
301	CANCER	2	10	12
306	ALZHEIMER'S DISEASE; SENILITY; DEMENTIA; FORGETFULNESS	0	1	1
308	OLD AGE	2	1	3
309	FATIGUE/LOSS OF ENERGY	4	0	4
310	HYPOGLYCEMIA, THYROID PROBLEMS	1	1	2
311	OBESITY	2	2	4
313	DIABETES	8	9	17
320	DEPRESSION	5	0	5
321	ANXIETY	2	2	4

Wisconsin Longitudinal Study Codebook

326	SCHIZOPHRENIA	0	2	2
330	MULTIPLE SCLEROSIS, CEREBRAL PALSY, EPILEPSY, PARKINSON'S DISEASE; ALS	6	3	9
332	BLINDNESS	2	2	4
333	OTHER EYE CONDITIONS	1	1	2
337	HEADACHES; MIGRAINES; DIZZINESS	4	1	5
338	OTHER REFERENCES TO NEUROLOGICAL CONDITIONS	2	4	6
340	HYPERTENSION, HIGH BLOOD PRESSURE	4	0	4
341	CHEST PAINS, ANGINA, ARTERIOSCLEROSIS	7	23	30
342	HEART ATTACK	2	4	6
343	STROKE	1	12	13
344	VARICOSE VEINS	2	0	2
348	OTHER SPECIFIC CIRCULATORY SYSTEM, HEART CONDITIONS, AND BLOOD DISORDERS	4	24	28
350	ACUTE UPPER RESPIRATORY DISEASES, PNEUMONIA, BRONCHITIS	0	1	1
352	EMPHYSEMA	0	5	5
353	ASTHMA	6	5	11
354	SINUSITIS, TONSILLITIS, ALLERGIES, HAY FEVER	1	0	1
358	OTHER REFERENCES TO RESPIRATORY CONDITIONS e.g. SLEEP APNEA	2	1	3
361	CIRRHOSIS, HEPATITIS, LIVER CONDITIONS	0	2	2
362	KIDNEY FAILURE INCLUDING DIALYSIS	1	3	4
365	HERNIAS	0	1	1
368	OTHER CONDITIONS OF THE DIGESTIVE SYSTEM	1	1	2
378	OTHER REFERENCES TO GYNECOLOGICAL CONDITIONS	1	0	1
380	ARTHRITIS, RHEUMATISM	24	11	35
382	MUSCULAR DYSTROPHY	1	0	1

Wisconsin Longitudinal Study Codebook

383	POLIO	0	2	2
384	DISC PROBLEMS	3	8	11
385	OSTEOPOROSIS	0	1	1
386	BONE/JOINT DETERIORATION	2	5	7
387	PARALYSIS; AMPUTATIONS	3	4	7
388	OTHER REFERENCES TO MUSCULOSKELETAL CONDITIONS	34	35	69
390	SKULL BONE, NECK AND BACK INJURIES	1	2	3
391	CONCUSSIONS, SPINAL CORD AND BRAIN DAMAGE FROM INJURIES/ACCIDENTS	3	5	8
392	OTHER BROKEN BONES/TENDONS	2	3	5
393	OTHER INJURIES NOT INVOLVING BROKEN BONES OR BRAIN/SPINAL CORD DAMAGE	0	2	2
401	MYALGIA/MUSCLE PAIN	1	0	1
405	HUNTINGTON'S DISEASE	0	1	1
406	LYME DISEASE	1	0	1
410	MISC. OTHER CONDITIONS/ILLNESS - NOT DK/INAP/REF/NA	8	6	14

Note: Not asked of original sample members.

## Table of Contents

Mail: Health . . . . .	1
nx001rer: How would you rate your health at the present time? . . . . .	1
nx002rer: How would you rate your health compared with other people your age and sex? . . . . .	2
nx003rer: Compared with 10 years ago, how would you rate your health now? . . . . .	2
nx004rer: Compared with 10 years ago, how would you rate your appearance now? . . . . .	3
nx005rer: Compared with 10 years ago, how would you rate your eyesight now? . . . . .	4
nx006rer: Compared with 10 years ago, how would you rate your teeth now? . . . . .	4
nx007rer: Compared with 10 years ago, how would you rate your energy level now? . . . . .	5
nx008rer: Compared with 10 years ago, how would you rate your weight now? . . . . .	5
nx009rer: Compared with 10 years ago, how would you rate your hearing now? . . . . .	6
nx010rer: Compared with 10 years ago, how would you rate your hair condition now? . . . . .	6
nx011rer: Compared with 10 years ago, how would you rate your body shape now? . . . . .	7
nx012rer: Compared with 10 years ago, how would you rate your skin condition now? . . . . .	7
nx013rer: Compared with 10 years ago, how would you rate your sexual pleasure now? . . . . .	8
nx014rer: Compared with 10 years ago, how would you rate the strength of your arms now? . . . . .	8
nx015rer: Compared with 10 years ago, how would you rate the strength of your legs now? . . . . .	9
nx016rer: Compared with 10 years ago, how would you rate your digestive functions now? . . . . .	9
nx017rer: How often do you participate in light physical activity such as walking, dancing, gardening, golfing, bowling, etc.? . . . . .	10
nx018rer: How often do you participate in vigorous physical exercise or sports such as aerobics, running, swimming, bicycling, etc.? . . . . .	10
nx019rer: During the last year, how many days, if any, did you stay in bed for more than half of the day because of illness or injury? . . . . .	11
nx020rer: During the last year, how many times, if any, have you been hospitalized for at least one night? . . . . .	11
nx021rer: What was the reason for the longest hospital stay during the last year? . . . . .	12
nx022rer: How long was that stay in days? . . . . .	14
nx023rer: How much do you weigh in pounds? . . . . .	15
nx024rec: How tall are you? Response in nearest quarter of an inch with two implied decimal points. . . . .	15
nx025rec: Body mass index based on respondent's weight and height. . . . .	16
nx026rer: In the last 12 months, have you had a complete health exam or physical? . . . . .	17
nx027rer: In the last 12 months, have you had a routine dental check-up? . . . . .	17
nx028rer: In the last 12 months, have you had a stress test? . . . . .	17
nx029rer: In the last 12 months, have you had a cholesterol test? . . . . .	18
nx030rer: In the last 12 months, have you had a blood pressure check? . . . . .	18
nx031rer: In the last 12 months, have you had a chest x-ray? . . . . .	19
nx032rer: In the last 12 months, have you had a prostate exam? . . . . .	19
nx033rer: In the last 12 months, have you had a Pap smear? . . . . .	19
nx034rer: In the last 12 months, have you had a mammogram? . . . . .	20
nx035rer: Up until you were 16 years old, who other than yourself was the first person in your household that smoked? . . . . .	20
nx036rer: Up until you were 16 years old, who other than yourself was the second person in your household that smoked? . . . . .	21

Wisconsin Longitudinal Study Codebook

nx037rer: Up until you were 16 years old, who other than yourself was the third person in your household that smoked? . . . . .	22
nx038rer: Have you ever smoked cigarettes regularly? . . . . .	22
nx039rec: Do you smoke regularly now? . . . . .	23
nx040red: For how many years did/have you smoked regularly? . . . . .	23
nx041red: About how many packs did/do you usually smoke per day then/now? . . . . .	24
nx042red: How old were you when you stopped smoking regularly? . . . . .	25
nx043red: For how many years have you smoked regularly? . . . . .	26
nx044red: How many packs of cigarettes do you usually smoke in a day now? . . . . .	27
nx045rer: In the past six months have you felt a lack of energy? . . . . .	28
nx046rer: How much discomfort has lack of energy caused you in the past six months? . . . . .	29
nx047rer: In the past six months have you had trouble sleeping? . . . . .	29
nx048rer: How much discomfort has trouble sleeping caused you in the past six months? . . . . .	30
nx049rer: How often have you had fatigue or exhaustion in the past six months? . . . . .	30
nx050rer: How much discomfort has fatigue or exhaustion caused you in the past six months? . . . . .	31
nx051rer: How often have you had headaches in the past six months? . . . . .	31
nx052rer: How much discomfort have headaches caused you in the past six months? . . . . .	32
nx053rer: In the past six months how often have you had visual problems? . . . . .	32
nx054rer: How much discomfort have visual problems caused you in the past six months? . . . . .	33
nx055rer: How often have you had dizziness or faintness in the past six months? . . . . .	33
nx056rer: How much discomfort has dizziness or faintness caused you in the past six months? . . . . .	34
nx057rer: How often have you had numbness in the past six months? . . . . .	34
nx058rer: How much discomfort has numbness caused you in the past six months? . . . . .	35
nx059rer: How often have you had ringing in ears in the past six months? . . . . .	35
nx060rer: How much discomfort has ringing in ears caused you in the past six months? . . . . .	36
nx061rer: How often have you had nausea in the past six months? . . . . .	36
nx062rer: How much discomfort has nausea caused you in the past six months? . . . . .	37
nx063rer: How often have you had vomiting in the past six months? . . . . .	37
nx064rer: How much discomfort has vomiting caused you in the past six months? . . . . .	38
nx065rer: How often have you had upset stomach in the past six months? . . . . .	38
nx066rer: How much discomfort has upset stomach caused you in the past six months? . . . . .	39
nx067rer: How often have you had constipation in the past six months? . . . . .	39
nx068rer: How much discomfort has constipation caused you in the past six months? . . . . .	40
nx069rer: How often have you had diarrhea in the past six months? . . . . .	40
nx070rer: How much discomfort has diarrhea caused you in the past six months? . . . . .	41
nx071rer: How often have you had urination problems in the past six months? . . . . .	41
nx072rer: How much discomfort have urination problems caused you in the past six months? . . . . .	42
nx073rer: How often have you had aching muscles in the past six months? . . . . .	42
nx074rer: How much discomfort have aching muscles caused you in the past six months? . . . . .	43
nx075rer: How often have you had stiff or swollen joints in the past six months? . . . . .	43
nx076rer: How much discomfort have stiff or swollen joints caused you in the past six months? . . . . .	44
nx077rer: How often have you had back pain or strain in the past six months? . . . . .	44
nx078rer: How much discomfort has back pain or strain caused you in the past six months? . . . . .	45
nx079rer: How often have you had chest pain in the past six months? . . . . .	45
nx080rer: How much discomfort has chest pain caused you in the past six months? . . . . .	46
nx081rer: How often have you had shortness of breath in the past six months? . . . . .	46
nx082rer: How much discomfort has shortness of breath caused you in the past six months? . . . . .	47

Wisconsin Longitudinal Study Codebook

nx083rer: How often have you had excessive sweating in the past six months?	47
nx084rer: How much discomfort has excessive sweating caused you in the past six months?	48
nx085rer: How often have you had respiratory problems in the past six months?	48
nx086rer: How much discomfort have respiratory problems caused you in the past six months?	49
nx087rer: How often have you had skin problems in the past six months?	49
nx088rer: How much discomfort have skin problems caused you in the past six months?	50
nx089rer: How often have you had coughing or wheezing in the past six months?	50
nx090rer: How much discomfort has coughing or wheezing caused you in the past six months?	51
nx091rer: How often have you had bone pains in the past six months?	51
nx092rer: How much discomfort have bone pains caused you in the past six months?	52
nx093rer: How often have you had palpitations in the past six months?	52
nx094rer: How much discomfort have palpitations caused you in the past six months?	53
nx095rer: How often have you had painful sexual intercourse in the past six months?	53
nx096rer: How much discomfort has painful sexual intercourse caused you in the past six months?	54
nx097rer: How often have you had difficulties with sexual intercourse in the past six months?	54
nx098rer: How much discomfort have difficulties with sexual intercourse caused you in the past six months?	55
nx099rer: How often have you had a symptom other than lack of energy, trouble sleeping, fatigue or exhaustion, headaches, visual problems, dizziness or faintness, numbness, ringing in ears, nausea, vomiting, upset stomach, constipation, diarrhea, urination problems, aching muscles, stiff or swollen joints, back pain or strain, chest pain, shortness of breath, excessive sweating, respiratory problems, skin problems, coughing or wheezing, bone pains, palpitations, painful sexual intercourse, or difficulties with sexual intercourse in the past six months?	55
nx100rer: How often have you had this symptom other than lack of energy, trouble sleeping, fatigue or exhaustion, headaches, visual problems, dizziness or faintness, numbness, ringing in ears, nausea, vomiting, upset stomach, constipation, diarrhea, urination problems, aching muscles, stiff or swollen joints, back pain or strain, chest pain, shortness of breath, excessive sweating, respiratory problems, skin problems, coughing or wheezing, bone pains, palpitations, painful sexual intercourse, or difficulties with sexual intercourse in the past six months?	57
nx101rer: How much discomfort has this symptom other than lack of energy, trouble sleeping, fatigue or exhaustion, headaches, visual problems, dizziness or faintness, numbness, ringing in ears, nausea, vomiting, upset stomach, constipation, diarrhea, urination problems, aching muscles, stiff or swollen joints, back pain or strain, chest pain, shortness of breath, excessive sweating, respiratory problems, skin problems, coughing or wheezing, bone pains, palpitations, painful sexual intercourse, or difficulties with sexual intercourse caused you in the past six months?	57
nx102rer: Number of symptoms.	58
nx103rer: Has a medical professional ever said you have anemia?	59
nx104rer: How much does your anemia currently interfere with what you like to do?	59
nx105rer: Has a medical professional ever said you have asthma?	60
nx106rer: How much does your asthma currently interfere with what you like to do?	60
nx107rer: Has a medical professional ever said you have arthritis or rheumatism?	61
nx108rer: How much does your arthritis or rheumatism currently interfere with what you like to do?	61
nx109rer: Has a medical professional ever said you have bronchitis or emphysema?	62
nx110rer: How much does your bronchitis or emphysema currently interfere with what you like to do?	62
nx111rer: Has a medical professional ever said you have cancer?	63
nx112rer: How much does your cancer currently interfere with what you like to do?	63

Wisconsin Longitudinal Study Codebook

nx113rer: Has a medical professional ever said you have chronic liver trouble? . . . . .	64
nx114rer: How much does your chronic liver trouble currently interfere with what you like to do? . . . . .	64
nx115rer: Has a medical professional ever said you have diabetes? . . . . .	65
nx116rer: How much does your diabetes currently interfere with what you like to do? . . . . .	65
nx117rer: Has a medical professional ever said you have serious back trouble? . . . . .	66
nx118rer: How much does your serious back trouble currently interfere with what you like to do? . . . . .	66
nx119rer: Has a medical professional ever said you have heart trouble? . . . . .	67
nx120rer: How much does your heart trouble currently interfere with what you like to do? . . . . .	67
nx121rer: Has a medical professional ever said you have high blood pressure? . . . . .	68
nx122rer: How much does your high blood pressure currently interfere with what you like to do? . . . . .	68
nx123rer: Has a medical professional ever said you have circulation problems? . . . . .	69
nx124rer: How much do your circulation problems currently interfere with what you like to do? . . . . .	69
nx125rer: Has a medical professional ever said you have kidney or bladder problems? . . . . .	70
nx126rer: How much does your kidney or bladder problems currently interfere with what you like to do? . . . . .	70
nx127rer: Has a medical professional ever said you have an ulcer? . . . . .	71
nx128rer: How much does your ulcer currently interfere with what you like to do? . . . . .	71
nx129rer: Has a medical professional ever said you have allergies? . . . . .	72
nx130rer: How much do your allergies currently interfere with what you like to do? . . . . .	72
nx131rer: Has a medical professional ever said you have multiple sclerosis? . . . . .	73
nx132rer: How much does your multiple sclerosis currently interfere with what you like to do? . . . . .	73
nx133rer: Has a medical professional ever said you have colitis? . . . . .	74
nx134rer: How much does your colitis currently interfere with what you like to do? . . . . .	74
nx135rer: Has a medical professional ever said you have high cholesterol? . . . . .	75
nx136rer: How much does your high cholesterol currently interfere with what you like to do? . . . . .	75
nx137rer: Has a medical professional ever said you have an illness or condition other than anemia, asthma, arthritis or rheumatism, bronchitis or emphysema, cancer, chronic liver trouble, diabetes, serious back trouble, heart trouble, high blood pressure, circulation problems, kidney or bladder problems, ulcer, allergies, multiple sclerosis, colitis, or high cholesterol? . . . . .	76
nx138rer: How much do your illnesses or conditions other than anemia, asthma, arthritis or rheumatism, bronchitis or emphysema, cancer, chronic liver trouble, diabetes, serious back trouble, heart trouble, high blood pressure, circulation problems, kidney or bladder problems, ulcer, allergies, multiple sclerosis, colitis, or high cholesterol currently interfere with what you like to do? . . . . .	79
nx139rer: Total number of illnesses. . . . .	79
nx140rer: Do you have a physical or mental condition that limits the amount or kind of work you can do for pay? . . . . .	80
nx141rer: What is the specific physical or mental condition that limits the amount or kind of work you can do for pay? . . . . .	81
nx142rer: Does your husband or wife have a physical or mental condition that limits the amount or kind of work he or she can do for pay? . . . . .	83
nx143rer: What is the specific physical or mental condition that limits the amount or kind of work your husband or wife can do for pay? . . . . .	84