In Person: Health

KHEALTH Health Module

OVERVIEW

Participants were first asked to report on their health during the 1994 collection wave, when - as a complement to the primary telephone interview - they were asked to complete a self-administered mail questionnaire that included a health section. For the 2005 wave, coverage of health information was further expanded such that we collected health data through both the mail questionnaire and a newly added telephone interview module. The 2011 Health Module, although (in most cases) conducted in-person, generally replicates its predecessor from the 2005 telephone interview; as in 2005, it was complemented by a section in the mail questionnaire. Information about the participant's health was collected as follows:

> To assess the participant's health-related quality of life, we first asked them to report on the health attributes comprising the Health Utilities Index Mark 3 (HUI3): vision, hearing, speech, ambulation, dexterity, emotion, cognition, and pain. We then asked for information about the participant's experiences dealing with various health conditions; for each condition the participant reported having been diagnosed with, we determined the timing of diagnosis, extent to which the condition interferes with enjoyable activities, and - in some cases - how the condition was or is being treated. The following conditions were asked about: high blood pressure; high blood sugar; diabetes; cancer; heart problems; strokes; joint pain, stiffness, or swelling; and mental illnesses. Finally, we asked all participants to report on any long-term physical or mental conditions that previously limited or currently limit their activities.
>
> Additionally, two series of questions were asked only to participants belonging to randomly selected sub-samples. The first set of questions, which was administered to participants who belonged to a 75% random sub-sample and also reported having been diagnosed with one or more targeted conditions, focused on experiences searching for information about health conditions. The second set of questions, which was administered to a 50% random sub-sample, asked participants to rate the health of other people based on hypothetical descriptions.

While the 2011 Health Module is generally comparable to its 2005 predecessor, several noteworthy changes were made between collection waves: (1) questions about physical height, weight, weight management, and cigarette smoking were removed from the module, although such topics continue to be covered in the mail questionnaire; (2) questions about the participant's experiences receiving personal health care from a family member or friend were moved to a newly introduced module, Activities of Daily Living (ADL); (3) questions about the extent to which diagnosed conditions interfere with enjoyable activities were added to the module; (4) detailed questions about treatment and complications of diabetes and cancer were added to the module for participants reporting such diagnoses; (5) for participants reporting activity-limiting long-term physical or mental conditions, questions about specific diagnoses and their timing were moved from the Employment Module to the Health Module; (6) a series of questions about searches for information about selected health conditions was added to the module; and (7) health vignettes were administered to both graduate and sibling participants, rather than just siblings.

Data for the 2011 collection wave were primarily compiled from in-person (CAPI) and - more rarely - telephone (CATI) interviews, as well as from self-administered questionnaires that participants were asked to complete and mail back after being interviewed. Sometimes participants who were unwilling to be interviewed in-person or by telephone indicated they would be willing to return a self-administered questionnaire (SAQ). Thus we created a unique version of the SAQ and mailed it to participants who did not complete an in-person or telephone interview: the "mail-only self-administered questionnaire" (MOSAQ). In addition to replicating all content in the original 2011 SAQ, the MOSAQ also contained questions analogous to those asked in selected CAPI modules: Marriage, Cohab, and Dating; Children; Health; Employment; Income and Pensions; and Assets. Since MOSAQ data contributed to THIS module, users should pay special attention to analysis variable values of -29 and -30. Values of -29 (left blank on MOSAQ) mean that the information contained within a CAPI variable was asked of but not answered by a MOSAQ participant while values of -30 (not part of MOSAQ) mean that comparable information was not asked of MOSAQ cases. For information about the nature of the Health Module and our health data at prior collection waves, please see Appendix M (cor814, cor847, cor932, and cor966). No new documentation about health data was added to the appendix for the 2011 collection wave.

BRIEF VARIABLE DESCRIPTIONS

Variable ranges reference dataset/codebook order and are not necessarily alphabetical.

KHLTSTAT-KHLTREL:	Module-Level Status Variables
KX201RE:	Self-Reported General Health
KX202ARE:	Health Utilities Index Mark 3 (HUI3) Summary Score
KX203LRE-KX210SRE:	HUI3 Component Dimension Levels and Scores
KX301RE-KX339RE:	Individual HUI3 Items
KX341RE-KX341REB:	High Blood Pressure/Hypertension: Timing of Diagnosis and Extent of Interference with Enjoyable Activities
KX346RE-KX347REB:	High Blood Sugar: Timing of Diagnosis and Extent of Interference with Enjoyable Activities
KX342RE-KX343REB:	Diabetes: Timing of Diagnosis and Extent of Interference with Enjoyable Activities
KX344RE-KX377RE:	Diabetes Complications and Treatment Details
KX348RE-KX350GRE:	Cancer: Timing of Diagnosis, Extent of Interference with Enjoyable Activities, and Site(s) of Occurrence

KX378RE-KX389RE:	Cancer Treatment Details and Side Effects
KX351RE-KX390REB:	Heart Problems: Timing of Diagnosis and Extent of Interference with Enjoyable Activities
KX352RE-KX353RE:	Timing of Any Myocardial Infarctions (Heart Attacks)
KX354RE-KX394RE:	Heart Treatments and Surgeries
KX356RE-KX358RE:	Strokes: Timing, Number of Occurrences, After Effects, and Extent of Interference with Enjoyable Activities
KX359RE:	Pain, Stiffness, or Swelling in Joints
KX361RE-KX398RE:	Mental Illness: Specific Diagnosis and Age at First Diagnosis
KX230RE-KF603RE:	Limiting Long-Term Physical or Mental Conditions: Specific Diagnosis, Timing of Diagnosis, and Persistence
KX700RE-KX709RE:	Experiences Searching for Information About a Diagnosed Health Condition (Administered to Eligible Members of 75% Random Sample)
KX710RE-KX713REC:	General Health Vignettes (50% Random Sample): Ratings of a Fictional Person's Health Based on Hypothetical Descriptions

khltstat: Was the Health Module completed by Participant alone, with help, or by proxy?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_hltproxy1, y_hlthelp0, capiproxy, y_proxy, y_ivwloc

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
1	R COMPLETED ALONE	1397	1653	3050
2	R COMPLETED ALONE WITH SOMEONE ELSE IN THE ROOM	146	77	223
3	R RECEIVED A LITTLE HELP	64	21	85
4	R RECEIVED A LOT OF HELP	12	5	17
5	HELPER RESPONDED TO ALL ITEMS	2	0	2
6	MODULE PROXY	1	0	1
7	WHOLE INTERVIEW DONE BY PROXY	7	12	19

Note: For many cases a participant's spouse or other family member was present during the interview. This sometimes resulted in the participant relying on the other person for help in answering some or many of the questions. At the end of each module the interviewer indicated the amount of help the participant received and who provided that help. That assessment is covered by codes 1 through 5. Additionally, a code of 7 indicates that the entire interview was administered to a proxy while a code of 6 indicates that this particular module was answered by a proxy but other modules were answered by the participant.

khltrel: Relationship of Health Module helper or proxy to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: khltstat, y_hltproxy1, y_hlthelp0, y_hlthelp1, y_hlthelp2_hfn, y_hlthelp3, y_h1fn-y_h4fn, y_pfn, prxyfnam, y_p1fn-y_p5fn, y_prel, prxyrel, y_p1rel-y_p5rel

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	3	4
-2	Inappropriate Inap, (Sampled skip or khltstat=1,2,-3)	1543	1730	3273
0	SPOUSE	80	18	98
2	BROTHER	0	1	1
8	DAUGHTER	0	9	9
26	GRANDDAUGHTER	0	1	1
41	ROMANTIC PARTNER	2	2	4
43	SISTER	0	1	1
45	SISTER-IN-LAW	0	1	1
48	SON	3	2	5

Note: If this module was administered via proxy or if the participant received help answering the questions in this module then we record the relationship of the proxy/helper to the participant. Although most participants relied on only one helper or proxy for the interview, some had more than one. Thus the value of the relationship code may vary across the modules.

kx201re: Participant's self-rating of their general health.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
1	EXCELLENT	308	340	648
2	VERY GOOD	586	707	1293
3	GOOD	525	500	1025
4	FAIR	159	168	327
5	POOR	50	53	103

kx202are: Participant's Health Utilities Index Mark 3 summary score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx203lre, kx204lre, kx205lre, kx206lre, kx207lre, kx208lre, kx209lre, kx210lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE HUI3 QUESTIONS)	214	153	367
-0.34 - 0.63		281	364	645
0.64 - 0.84		353	438	791
0.85 - 0.92		369	407	776
0.93 - 0.97		369	392	761
1		115	77	192

Note: A summary score was only computed for participants who validly answered all of the HUI3 questions applicable to them (i.e. they never responded with "don't know" or refused to answer). In a

departure from the 2005 collection wave, no modified versions of this variable relying on the imputation of valid answers for responses of "don't know" and refusals have been recreated (see CX202BRE and CX202BMA from the 2005 wave). This is the case because, upon review, it was determined that the imputation procedure used was not uniformly justified for all HUI3 items. For more information on how imputation was used to construct HUI3 summary scores in 2005, see cor814 in Appendix M. For an overview of the Health Utilities Index Mark 3, click here.

kx203lre: Participant's Health Utilities Index Mark 3 vision level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx301re-kx305re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE VISION QUESTIONS)	34	36	70
1	Able to see well enough to read ordinary newsprint and recognize a friend on the other side of the street, without glasses or contact lenses.	374	323	697
2	Able to see well enough to read ordinary newsprint and recognize a friend on the other side of the street, but with glasses.	1264	1426	2690
3	Able to read ordinary newsprint with or without glasses but unable to recognize a friend on the other side of the street, even with glasses.	12	22	34
4	Able to recognize a friend on the other side of the street with or without glasses but unable to read ordinary newsprint, even with glasses.	11	12	23
5	Unable to read ordinary newsprint and unable to recognize a friend on the other side of the street, even with glasses.	5	12	17
6	Unable to see at all.	1	0	1

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the vision questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx203sre: Participant's Health Utilities Index Mark 3 vision score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx203lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX203LRE < 1)	34	36	70
0	SCORE CORRESPONDING TO LEVEL 6	1	0	1
0.38	SCORE CORRESPONDING TO LEVEL 5	5	12	17
0.59	SCORE CORRESPONDING TO LEVEL 4	11	12	23
0.73	SCORE CORRESPONDING TO LEVEL 3	12	22	34
0.95	SCORE CORRESPONDING TO LEVEL 2	1264	1426	2690
1	SCORE CORRESPONDING TO LEVEL 1	374	323	697

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed vision level (see KX203LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx204lre: Participant's Health Utilities Index Mark 3 hearing level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx306re-kx309re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE HEARING QUESTIONS)	138	85	223
1	Able to hear what is said in a group conversation with at least three other people, without a hearing aid.	1407	1666	3073
2	Able to hear what is said in a conversation with one other person in a quiet room without a hearing aid, but requires a hearing aid to hear what is said in a group conversation with at least three other people.	99	49	148
3	Able to hear what is said in a conversation with one other person in a quiet room with a hearing aid, and able to hear what is said in a group conversation with at least three other people, with a hearing aid.	19	15	34
4	Able to hear what is said in a conversation with one other person in a quiet room, without a hearing aid, but unable to hear what is said in a group conversation with at least three other people even with a hearing aid.	34	12	46
5	Able to hear what is said in a conversation with one other person in a quiet room with a hearing aid, but unable to hear what is said in a group conversation with at least three other people even with a hearing aid.	4	3	7
6	Unable to hear at all.	0	1	1

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the hearing questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx204sre: Participant's Health Utilities Index Mark 3 hearing score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx204lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX204LRE < 1)	138	85	223
0	SCORE CORRESPONDING TO LEVEL 6	0	1	1
0.32	SCORE CORRESPONDING TO LEVEL 5	4	3	7
0.48	SCORE CORRESPONDING TO LEVEL 4	34	12	46
0.71	SCORE CORRESPONDING TO LEVEL 3	19	15	34
0.86	SCORE CORRESPONDING TO LEVEL 2	99	49	148
1	SCORE CORRESPONDING TO LEVEL 1	1407	1666	3073

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed hearing level (see KX204LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx205lre: Participant's Health Utilities Index Mark 3 speech level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx310re-kx314re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE SPEECH QUESTIONS)	20	5	25
1	Able to be understood completely when speaking with strangers or friends.	1605	1768	3373
2	Able to be understood partially when speaking with strangers but able to be understood completely when speaking with people who know me well.	51	36	87
3	Able to be understood partially when speaking with strangers or people who know me well.	21	19	40
4	Unable to be understood when speaking with strangers but able to be understood partially by people who know me well.	3	2	5
5	Unable to be understood when speaking to other people (or unable to speak at all).	1	1	2

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the speech questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx205sre: Participant's Health Utilities Index Mark 3 speech score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx205lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX205LRE < 1)	20	5	25
0	SCORE CORRESPONDING TO LEVEL 5	1	1	2
0.41	SCORE CORRESPONDING TO LEVEL 4	3	2	5
0.67	SCORE CORRESPONDING TO LEVEL 3	21	19	40
0.82	SCORE CORRESPONDING TO LEVEL 2	51	36	87
1	SCORE CORRESPONDING TO LEVEL 1	1605	1768	3373

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed speech level (see KX205LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx206lre: Participant's Health Utilities Index Mark 3 ambulation level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx315re-kx322re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE AMBULATION QUESTIONS)	16	14	30
1	Able to walk around the neighbourhood without difficulty, and without walking equipment.	1456	1504	2960
2	Able to walk around the neighbourhood with difficulty but does not require walking equipment or the help of another person.	113	95	208
3	Able to walk around the neighbourhood with walking equipment, but without the help of another person.	81	126	207
4	Able to walk only short distances with walking equipment, and requires a wheelchair to get around the neighbourhood.	6	14	20
5	Unable to walk alone, even with walking equipment; able to walk short distances with the help of another person, and requires a wheelchair to get around the neighbourhood.	15	52	67
6	Cannot walk at all.	14	26	40

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the ambulation questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx206sre: Participant's Health Utilities Index Mark 3 ambulation score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx206lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX206LRE < 1)	16	14	30
0	SCORE CORRESPONDING TO LEVEL 6	14	26	40
0.16	SCORE CORRESPONDING TO LEVEL 5	15	52	67
0.36	SCORE CORRESPONDING TO LEVEL 4	6	14	20
0.67	SCORE CORRESPONDING TO LEVEL 3	81	126	207
0.83	SCORE CORRESPONDING TO LEVEL 2	113	95	208
1	SCORE CORRESPONDING TO LEVEL 1	1456	1504	2960

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed ambulation level (see KX206LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx207lre: Participant's Health Utilities Index Mark 3 dexterity level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx323re-kx326re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE DEXTERITY QUESTIONS)	1	1	2
1	Full use of two hands and ten fingers.	1643	1784	3427
2	Limitations in the use of hands or fingers, but does not require special tools or help of another person.	26	13	39
3	Limitations in the use of hands or fingers, but is independent with use of special tools (does not require the help of another person).	2	0	2
4	Limitations in the use of hands or fingers, requires the help of another person for some tasks (not independent even with use of special tools).	23	25	48
5	Limitations in use of hands or fingers, requires the help of another person for most tasks (not independent even with use of special tools).	4	6	10
6	Limitations in use of hands or fingers, requires the help of another person for all tasks (not independent even with use of special tools).	2	2	4

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the dexterity questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx207sre: Participant's Health Utilities Index Mark 3 dexterity score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx207lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX207LRE < 1)	1	1	2
0	SCORE CORRESPONDING TO LEVEL 6	2	2	4
0.2	SCORE CORRESPONDING TO LEVEL 5	4	6	10
0.45	SCORE CORRESPONDING TO LEVEL 4	23	25	48
0.73	SCORE CORRESPONDING TO LEVEL 3	2	0	2
0.88	SCORE CORRESPONDING TO LEVEL 2	26	13	39
1	SCORE CORRESPONDING TO LEVEL 1	1643	1784	3427

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed dexterity level (see KX207LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx208lre: Participant's Health Utilities Index Mark 3 emotion level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx330re-kx332re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE EMOTION QUESTIONS)	27	21	48
1	Happy and interested in life.	1314	1407	2721
2	Somewhat happy.	247	251	498
3	Somewhat unhappy.	95	126	221
4	Very unhappy.	15	19	34
5	So unhappy that life is not worthwhile.	3	7	10

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the emotion questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx208sre: Participant's Health Utilities Index Mark 3 emotion score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx208lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX208LRE < 1)	27	21	48
0	SCORE CORRESPONDING TO LEVEL 5	3	7	10
0.33	SCORE CORRESPONDING TO LEVEL 4	15	19	34
0.73	SCORE CORRESPONDING TO LEVEL 3	95	126	221
0.91	SCORE CORRESPONDING TO LEVEL 2	247	251	498
1	SCORE CORRESPONDING TO LEVEL 1	1314	1407	2721

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed emotion level (see KX208LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx209lre: Participant's Health Utilities Index Mark 3 cognition level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx336re, kx337re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE COGNITION QUESTIONS)	2	5	7
1	Able to remember most things, think clearly and solve day to day problems.	1089	1140	2229
2	Able to remember most things, but have a little difficulty when trying to think and solve day to day problems.	68	95	163
3	Somewhat forgetful, but able to think clearly and solve day to day problems.	348	371	719
4	Somewhat forgetful, and have a little difficulty when trying to think or solve day to day problems.	156	187	343
5	Very forgetful, and have great difficulty when trying to think or solve day to day problems.	34	27	61
6	Unable to remember anything at all, and unable to think or solve day to day problems.	4	6	10

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the cognition questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx209sre: Participant's Health Utilities Index Mark 3 cognition score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx209lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX209LRE < 1)	2	5	7
0	SCORE CORRESPONDING TO LEVEL 6	4	6	10
0.32	SCORE CORRESPONDING TO LEVEL 5	34	27	61
0.7	SCORE CORRESPONDING TO LEVEL 4	156	187	343
0.86	SCORE CORRESPONDING TO LEVEL 2	68	95	163
0.92	SCORE CORRESPONDING TO LEVEL 3	348	371	719
1	SCORE CORRESPONDING TO LEVEL 1	1089	1140	2229

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed cognition level (see KX209LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.
Note: The inversion of cognition levels #2 and #3 is not a mistake; level #3 scores higher than level #2.

kx210lre: Participant's Health Utilities Index Mark 3 pain level.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx338re, kx339re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (DID NOT VALIDLY ANSWER ALL APPLICABLE PAIN QUESTIONS)	3	4	7
1	Free of pain and discomfort.	832	778	1610
2	Mild to moderate pain that prevents no activities.	335	390	725
3	Moderate pain that prevents a few activities.	280	328	608
4	Moderate to severe pain that prevents some activities.	149	217	366
5	Severe pain that prevents most activities.	102	114	216

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report. A level was only computed for participants who validly answered all of the pain questions applicable to them (i.e. they never responded with "don't know" or refused to answer). See HUI3 Documentation for more information on the index to which this measure contributes.

kx210sre: Participant's Health Utilities Index Mark 3 pain score.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx210lre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	Inappropriate INAPPROPRIATE (KX210LRE < 1)	3	4	7
0	SCORE CORRESPONDING TO LEVEL 5	102	114	216
0.48	SCORE CORRESPONDING TO LEVEL 4	149	217	366
0.77	SCORE CORRESPONDING TO LEVEL 3	280	328	608
0.92	SCORE CORRESPONDING TO LEVEL 2	335	390	725
1	SCORE CORRESPONDING TO LEVEL 1	832	778	1610

Note: This variable provides a summary measure spanning the past four weeks, as based on the participant's self-report; scores were assigned solely on the basis of the participant's computed pain level (see KX210LRE). For more information on scoring, as well as the index to which this measure contributes, see HUI3 Documentation.

kx301re: During the past four weeks, has Participant been able to see well enough to read ordinary newsprint without glasses or contact lenses?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x2, inMOSAQ, y_health10nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-1	DON'T KNOW	5	6	11
1	YES	514	511	1025
2	NO	1181	1314	2495

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx302re: During the past four weeks, has Participant been able to see well enough to read ordinary newsprint with glasses or contact lenses?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx301re, y_x3, inMOSAQ, y_health11nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	3	3	6
-2	INAPPROPRIATE INAPPROPRIATE (KX301RE = 1)	514	511	1025
-1	DON'T KNOW / DIDN'T WEAR GLASSES OR CONTACT LENSES	3	1	4
1	YES	1163	1292	2455
2	NO	18	24	42

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx303re: During the past four weeks, has Participant been able to see at all?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx302re, y_x4, inMOSAQ, y_health12nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	3	2	5
-2	INAPPROPRIATE INAPPROPRIATE (KX301RE = 1 | KX302RE = 1)	1677	1803	3480
1	YES	20	26	46
2	NO	1	0	1

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx304re: During the past four weeks, has Participant been able to see well enough to recognize a friend on the other side of the street without glasses or contact lenses?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx303re, y_x5, inMOSAQ, y_health13nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	1	2
-2	INAPPROPRIATE INAPPROPRIATE (KX303RE = -3, -1, OR 2)	1	0	1
-1	DON’T KNOW	19	25	44
1	YES	1264	1187	2451
2	NO	416	618	1034

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx305re: During the past four weeks, has Participant been able to see well enough to recognize a friend on the other side of the street with glasses or contact lenses?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx304re, y_x6, inMOSAQ, y_health14nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	2	0	2
-2	INAPPROPRIATE INAPPROPRIATE (KX303RE = -3, -1, OR 2 | KX304RE = 1)	1265	1187	2452
-1	DON'T KNOW / DIDN'T WEAR GLASSES OR CONTACT LENSES	7	3	10
1	YES	410	607	1017
2	NO	17	34	51

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx306re: During the past four weeks, has Participant been able to hear what is said while in a group conversation with at least three other people without a hearing aid?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x7, inMOSAQ, y_health15nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-1	DON'T KNOW	8	6	14
1	YES	1407	1666	3073
2	NO	285	159	444

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx307re: During the past four weeks, has Participant been able to hear what is said while in a group conversation with at least three other people with a hearing aid?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx306re, y_x8, inMOSAQ, y_health16nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX306RE = 1)	1407	1666	3073
-1	DON’T KNOW / DID NOT WEAR HEARING AID	136	82	218
1	YES	119	67	186
2	NO	38	16	54

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx307rea: During the past four weeks, has Participant been able to hear at all?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx307re, y_x9, inMOSAQ, y_health17nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX306RE = 1 | KX307RE = 1)	1526	1733	3259
1	YES	174	98	272

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx308re: During the past four weeks, has Participant been able to hear what is said in a conversation with one other person in a quiet room without a hearing aid?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx307rea, y_x10, inMOSAQ, y_health18nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX306RE = 1 | KX307REA = 2)	1407	1666	3073
-1	DON'T KNOW	0	2	2
1	YES	266	140	406
2	NO	28	23	51

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx309re: During the past four weeks, has Participant been able to hear what is said in a conversation with one other person in a quiet room with a hearing aid?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx308re, y_x11, inMOSAQ, y_health19nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX306RE = 1 | KX307REA = 2 | KX308RE = 1)	1673	1806	3479
-1	DON'T KNOW / DID NOT WEAR HEARING AID	5	3	8
1	YES	23	21	44
2	NO	0	1	1

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx310re: During the past four weeks, have people who do not know Participant understood Participant completely when they speak?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x12, inMOSAQ, y_health20nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-3	REFUSED	2	0	2
-1	DON’T KNOW	17	5	22
1	YES	1605	1768	3373
2	NO	76	58	134

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx311re: During the past four weeks, have people who do not know Participant understood Participant partially when they speak?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx310re, y_x13, inMOSAQ, y_health21nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-3	REFUSED	2	0	2
-2	INAPPROPRIATE INAPPROPRIATE (KX310RE = 1)	1605	1768	3373
-1	DON’T KNOW	3	1	4
1	YES	86	59	145
2	NO	5	3	8

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx312re: During the past four weeks, have people who know Participant well understood Participant completely when they speak?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx310re, y_x14, inMOSAQ, y_health22nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-3	REFUSED	1	1	2
-2	INAPPROPRIATE INAPPROPRIATE (KX310RE = 1)	1605	1768	3373
-1	DON’T KNOW	2	0	2
1	YES	68	41	109
2	NO	25	21	46

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx313re: During the past four weeks, have people who know Participant well understood Participant partially when they speak?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx312re, y_x15, inMOSAQ, y_health23nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-3	REFUSED	2	0	2
-2	INAPPROPRIATE INAPPROPRIATE (KX310RE = 1 | KX312RE = 1)	1673	1809	3482
-1	DON’T KNOW	1	0	1
1	YES	24	21	45
2	NO	1	1	2

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx314re: During the past four weeks, has Participant been able to speak at all?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx313re, y_x16, inMOSAQ, y_health24nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX310RE = 1 | KX312RE = 1 | KX313RE = 1)	1697	1830	3527
-1	DON’T KNOW	1	0	1
1	YES	1	1	2
2	NO	1	0	1

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx315re: During the past four weeks, has Participant been able to bend, lift, jump and run without difficulty and without help or equipment of any kind?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x17, inMOSAQ, y_health25nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-3	REFUSED	1	2	3
-1	DON'T KNOW	5	3	8
1	YES	1131	1127	2258
2	NO	563	699	1262

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx316re: During the past four weeks, has Participant been able to walk around the neighborhood without difficulty and without help or equipment of any kind?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx315re, y_x18, inMOSAQ, y_health26nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1)	1131	1127	2258
-1	DON'T KNOW	2	3	5
1	YES	331	382	713
2	NO	237	319	556

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx317re: During the past four weeks, has Participant been able to walk around the neighborhood with difficulty but without help or equipment of any kind?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx316re, y_x19, inMOSAQ, y_health27nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1 | KX316RE = 1)	1462	1509	2971
-1	DON'T KNOW	1	1	2
1	YES	115	97	212
2	NO	123	224	347

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx318re: During the past four weeks, has Participant been able to walk at all?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx317re, y_x20, inMOSAQ, y_health28nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1 | KX316RE = 1 | KX317RE = 1)	1577	1606	3183
-1	DON'T KNOW	1	0	1
1	YES	108	199	307
2	NO	15	26	41

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx319re: During the past four weeks, has Participant needed mechanical support, such as braces or a cane or crutches, to be able to walk around the neighborhood?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx318re, y_x21, inMOSAQ, y_health29nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	0	1	1
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1 | KX316RE = 1 | KX317RE = 1 | KX318RE = 2)	1592	1632	3224
-1	DON’T KNOW	4	4	8
1	YES	73	152	225
2	NO	31	42	73

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx320re: During the past four weeks, has Participant needed the help of another person to walk?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx318re, y_x22, inMOSAQ, y_health30nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1 | KX316RE = 1 | KX317RE = 1 | KX318RE = 2)	1592	1632	3224
1	YES	15	55	70
2	NO	94	143	237

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx321re: During the past four weeks, has Participant needed a wheelchair to get around the neighborhood?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx317re, y_x23, inMOSAQ, y_health31nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1 | KX316RE = 1 | KX317RE = 1)	1577	1606	3183
-1	DON’T KNOW	1	0	1
1	YES	24	53	77
2	NO	99	172	271

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx322re: During the past four weeks, has Participant needed the help of another person to get around in the wheelchair?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx321re, y_x24, inMOSAQ, y_health32nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX315RE = 1 | KX316RE = 1 | KX317RE = 1 | KX321RE = 2)	1676	1778	3454
-1	DON'T KNOW	0	1	1
1	YES	15	31	46
2	NO	10	21	31

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx323re: During the past four weeks, has Participant had full use of both hands and all ten fingers?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x25, inMOSAQ, y_health33nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
1	YES	1643	1784	3427
2	NO	57	47	104

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx324re: During the past four weeks, has Participant needed the help of another person because of limitations in the use of their hands or fingers?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx323re, y_x26, inMOSAQ, y_health34nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX323RE = 1)	1643	1784	3427
1	YES	29	34	63
2	NO	28	13	41

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx325re: During the past four weeks, has Participant needed the help of another person with some tasks, most tasks, or all tasks due to limitations in the use of their hands or fingers?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx324re, y_x27, inMOSAQ, y_health35nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX323RE = 1 | KX324RE = 2)	1671	1797	3468
1	SOME TASKS	24	25	49
2	MOST TASKS	4	6	10
3	ALL TASKS	2	2	4

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx326re: During the past four weeks, has Participant needed special equipment, for example, special tools to help with dressing or eating, because of limitations in the use of their hands or fingers?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx323re, y_x28, inMOSAQ, y_health36nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX323RE = 1)	1643	1784	3427
1	YES	5	9	14
2	NO	53	38	91

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx327re: During the past four weeks, has Participant been able to eat, bathe, dress and use the toilet without difficulty?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x29, inMOSAQ, y_health37nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
1	YES	1659	1777	3436
2	NO	42	54	96

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx328re: During the past four weeks, has Participant needed the help of another person to eat, bathe, dress or use the toilet?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx327re, y_x30, inMOSAQ, y_health38nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX327RE = 1)	1659	1777	3436
1	YES	25	36	61
2	NO	17	18	35

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx329re: During the past four weeks, has Participant needed special equipment or tools to eat, bathe, dress or use the toilet?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx327re, y_x31, inMOSAQ, y_health39nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-2	INAPPROPRIATE INAPPROPRIATE (KX327RE = 1)	1659	1777	3436
1	YES	17	30	47
2	NO	25	24	49

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx330re: During the past four weeks, has Participant been feeling happy or unhappy?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x32, inMOSAQ, y_health40nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON MOSAQ	0	2	2
-3	REFUSED	1	1	2
-1	DON’T KNOW	14	13	27
1	HAPPY	1573	1662	3235
2	UNHAPPY	113	153	266

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx331re: During the past four weeks, would Participant describe self as having felt happy and interested in life, or somewhat happy?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx330re, y_x33, inMOSAQ, y_health41nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	11	3	14
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX330RE = 2)	113	153	266
-1	DON’T KNOW	0	3	3
1	HAPPY AND INTERESTED IN LIFE	1318	1412	2730
2	SOMEWHAT HAPPY	258	260	518

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx332re: During the past four weeks, would Participant describe self as having felt somewhat unhappy, very unhappy, or so unhappy that life was not worthwhile?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx330re, kx331re, y_x34, inMOSAQ, y_health42nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	2	1	3
-3	REFUSED	1	1	2
-2	INAPPROPRIATE INAPPROPRIATE (KX331RE = 1 OR 2)	1576	1672	3248
-1	DON’T KNOW	0	3	3
1	SOMEWHAT UNHAPPY	103	128	231
2	VERY UNHAPPY	16	19	35
3	SO UNHAPPY THAT LIFE IS NOT WORTHWHILE	3	7	10

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx333re: During the past four weeks, did Participant ever feel fretful, angry, irritable, anxious or depressed?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x35, inMOSAQ, y_health43nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-3	REFUSED	1	1	2
-1	DON’T KNOW	2	2	4
1	YES	788	1018	1806
2	NO	910	810	1720

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx334re: During the past four weeks, how often did Participant feel fretful, angry, irritable, anxious or depressed?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx333re, y_x36, inMOSAQ, y_health44nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX333RE != 1)	913	813	1726
-1	DON’T KNOW	1	1	2
1	RARELY	340	362	702
2	OCCASIONALLY	384	533	917
3	OFTEN	50	108	158
4	ALMOST ALWAYS	13	13	26

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx335re: During the past four weeks, did Participant feel extremely fretful, angry, irritable, anxious or depressed, to the point of needing professional help?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx333re, y_x37, inMOSAQ, y_health45nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	0	1	1
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX333RE != 1)	913	813	1726
-1	DON’T KNOW	1	1	2
1	YES	38	60	98
2	NO	749	955	1704

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx336re: During the past four weeks, how would Participant describe their ability to remember things?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x38, inMOSAQ, y_health46nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON MOSAQ	0	1	1
-1	DON’T KNOW	1	1	2
1	ABLE TO REMEMBER MOST THINGS	1157	1236	2393
2	SOMEWHAT FORGETFUL	508	560	1068
3	VERY FORGETFUL	35	30	65
4	UNABLE TO REMEMBER ANYTHING AT ALL	0	3	3

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx337re: During the past four weeks, how would Participant describe their ability to think and solve day to day problems?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x39, inMOSAQ, y_health47nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-3	REFUSED	0	1	1
-1	DON'T KNOW	1	3	4
1	ABLE TO THINK CLEARLY AND SOLVE PROBLEMS	1445	1518	2963
2	HAD A LITTLE DIFFICULTY	187	226	413
3	HAD SOME DIFFICULTY	53	70	123
4	HAD A GREAT DEAL OF DIFFICULTY	11	8	19
5	UNABLE TO THINK OR SOLVE PROBLEMS	4	5	9

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx338re: During the past four weeks, has Participant had any trouble with pain or discomfort?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x40, inMOSAQ, y_health48nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	1	1	2
1	YES	868	1052	1920
2	NO	832	778	1610

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx339re: During the past four weeks, how many of Participant's activities were limited by pain or discomfort?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx338re, y_x41, inMOSAQ, y_health49nw

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-29	LEFT BLANK ON SAQ	3	2	5
-2	INAPPROPRIATE INAPPROPRIATE (KX338RE = 2)	832	778	1610
-1	DON'T KNOW	0	1	1
1	NONE	335	390	725
2	A FEW	280	329	609
3	SOME	149	217	366
4	MOST	79	86	165
5	ALL	23	28	51

Note: See HUI3 Documentation for more information on the index to which this item belongs.

kx341re: Has a doctor ever told Participant they have high blood pressure or hypertension?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON’T KNOW	2	3	5
1	YES	965	911	1876
2	NO	662	853	1515

kx341rea: Year Participant was first diagnosed with high blood pressure or hypertension.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx341re, y_x1a2a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	1	2
-2	INAPPROPRIATE INAPPROPRIATE (KX341RE != 1)	664	857	1521
-1	DON’T KNOW	41	67	108
1941 - 1985		208	172	380
1986 - 1996		196	181	377
1997 - 2001		185	171	356
2002 - 2007		216	199	415
2008 - 2012		118	120	238

kx341reb: Extent to which Participant's high blood pressure or hypertension currently interferes with what they like to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx341re, y_x1a3b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	1	2
-2	INAPPROPRIATE INAPPROPRIATE (KX341RE != 1)	664	857	1521
-1	DON'T KNOW	0	3	3
1	NOT AT ALL	829	796	1625
2	A LITTLE	96	83	179
3	SOME	30	20	50
4	QUITE A BIT	7	7	14
5	A GREAT DEAL	2	1	3

kx346re: Has a doctor ever told Participant they have high blood sugar?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a3g

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON'T KNOW	5	8	13
1	YES	397	305	702
2	NO	1227	1454	2681

kx347re: Year Participant was first diagnosed with high blood sugar.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx346re, y_x1a3h

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX346RE != 1)	1232	1463	2695
-1	DON’T KNOW	11	13	24
1948 - 1995		83	62	145
1996 - 2001		84	56	140
2002 - 2006		101	69	170
2007 - 2009		78	63	141
2010 - 2012		40	41	81

kx347reb: Extent to which Participant’s high blood sugar currently interferes with what they like to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx346re, y_x1a3s

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX346RE != 1)	1232	1463	2695
1	NOT AT ALL	231	178	409
2	A LITTLE	117	75	192
3	SOME	29	38	67
4	QUITE A BIT	13	9	22
5	A GREAT DEAL	7	4	11

kx342re: Has a doctor ever told Participant they have diabetes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON’T KNOW	2	3	5
1	YES	319	247	566
2	NO	1308	1517	2825

kx343re: Year Participant was first diagnosed with diabetes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1a3a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON'T KNOW	7	10	17
1952 - 1992		62	50	112
1993 - 2000		83	51	134
2001 - 2005		74	55	129
2006 - 2009		71	60	131
2010 - 2012		21	21	42

kx343reb: Extent to which Participant's diabetes currently interferes with what they like to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	0	1	1
1	NOT AT ALL	173	151	324
2	A LITTLE	101	52	153
3	SOME	27	32	59
4	QUITE A BIT	14	7	21
5	A GREAT DEAL	3	3	6

kx344re: In order to treat or control their diabetes, is Participant currently taking medication that they swallow?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1a3e

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	240	178	418
2	NO	78	69	147

kx345re: In order to treat or control their diabetes, is Participant currently using insulin shots or a pump?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1a3f

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	86	58	144
2	NO	232	189	421

kx363re: Type of diabetes Participant was diagnosed with.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	16	12	28
1	TYPE 1	13	7	20
2	TYPE 2	262	205	467
3	BORDERLINE	19	12	31
4	PRE-DIABETES	4	7	11
5	GESTATIONAL	0	1	1
6	OTHER	4	3	7

kx365rea: Does Participant manage their diabetes by testing their blood sugar at home?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa3_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	264	209	473
2	NO	54	38	92

kx365reb: Does Participant manage their diabetes by using diet control?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa3_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	0	1	1
1	YES	258	207	465
2	NO	60	39	99

kx365rec: Does Participant manage their diabetes by exercising regularly?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa3_c

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	1	0	1
1	YES	200	131	331
2	NO	117	116	233

kx365red: Does Participant manage their diabetes by checking for sores or irritation on their feet?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa3_d

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	243	203	446
2	NO	75	44	119

kx365ree: Does Participant manage their diabetes by taking aspirin regularly?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa3_e

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	229	172	401
2	NO	89	75	164

kx365ref: Does Participant manage their diabetes by measuring their blood pressure at home?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa3_f

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	147	96	243
2	NO	171	151	322

kx366rea: Numeric component for how often Participant manages diabetes by testing their blood sugar.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx365rea, y_x1aa6_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX365REA != 1)	1365	1559	2924
-1	DON'T KNOW	4	1	5
0		2	1	3
1		115	105	220
2		62	48	110
3		46	28	74
4		22	16	38
5		4	8	12
6		5	1	6
7		1	0	1
8		0	1	1
10		2	0	2
15		1	0	1

kx366reb: Units corresponding to numeric component for how often Participant manages diabetes by testing their blood sugar.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx365rea, kx366rea, y_x1aa6_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	Inappropriate INAPPROPRIATE (KX366REA < 0)	1369	1560	2929
1	TIMES PER DAY	155	140	295
2	TIMES PER WEEK	80	52	132
3	TIMES PER MONTH	25	16	41

kx367rea: Numeric component for how often Participant manages diabetes by checking for sores or irritation on their feet.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx365red, y_x1aa7_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX365RED != 1)	1386	1565	2951
-1	DON’T KNOW	5	6	11
0		4	7	11
1		195	156	351
2		17	12	29
3		12	11	23
4		4	10	14
5		3	0	3
7		3	1	4

kx367reb: Units corresponding to numeric component for how often Participant manages diabetes by checking for sores or irritation on their feet.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx365red, kx367rea, y_x1aa7_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	Inappropriate INAPPROPRIATE (KX367REA < 0)	1391	1571	2962
1	TIMES PER DAY	148	123	271
2	TIMES PER WEEK	74	59	133
3	TIMES PER MONTH	16	15	31

kx368rea: Numeric component for how often Participant manages diabetes by taking pills.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx365ree, y_x1aa5_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX365REE != 1)	1400	1596	2996
0		33	29	62
1		56	43	99
2		123	79	202
3		11	12	23
4		5	8	13
5		1	1	2

kx368reb: Units corresponding to numeric component for how often Participant manages diabetes by taking pills.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx365ree, kx368rea, y_x1aa5_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	Inappropriate INAPPROPRIATE (KX368REA < 0)	1400	1596	2996
1	TIMES PER DAY	226	168	394
2	TIMES PER WEEK	1	3	4
3	TIMES PER MONTH	2	1	3

kx369rea: Numeric component for how often Participant manages diabetes by taking insulin.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1aa4_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-7	USES INSULIN PUMP	10	4	14
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	4	2	6
0		226	181	407
1		21	20	41
2		22	16	38
3		17	4	21
4		14	18	32
5		3	2	5
6		1	0	1

Note: Participants who reported using an insulin pump were assigned values of "-7."

kx369reb: Units corresponding to numeric component for how often Participant manages diabetes by taking insulin.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, kx369rea, y_x1aa4_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	Inappropriate INAPPROPRIATE (KX369REA < 0)	1325	1527	2852
1	TIMES PER DAY	287	232	519
3	TIMES PER MONTH	17	9	26

kx370re: In the past year, has a doctor examined Participant's feet for sores or irritations?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON'T KNOW	1	1	2
1	YES	267	201	468
2	NO	50	45	95

kx371re: Number of times Participant has seen a doctor or other health care professional for diabetes in the past year.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	1	2	3
0	NONE	34	28	62
1		50	38	88
2		88	82	170
3		34	30	64
4		73	49	122
5		10	4	14
6		14	5	19
8		2	1	3
9		2	0	2
10		1	0	1
12		2	5	7
15		1	0	1
24		2	3	5
30		1	0	1
44		1	0	1
99		1	0	1
365		1	0	1

kx372re: Has Participant's doctor or other health care professional talked to them about a treatment plan for managing diabetes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	262	197	459
2	NO	56	50	106

kx373re: How often would Participant say that their blood sugar is well controlled?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab4

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	6	0	6
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON’T KNOW	7	11	18
1	ALL OF THE TIME	136	90	226
2	MOST OF THE TIME	118	106	224
3	SOME OF THE TIME	37	26	63
4	A LITTLE OF THE TIME	4	11	15
5	NONE OF THE TIME	10	3	13

Note: Participants for whom this variable was applicable were informed, "by ’well controlled’ we mean a recent hemoglobin ’A one C’ result of 7.5 or less, or an average fasting blood test of 140 or less."

kx374re: Does Participant have any problems with their feet as a result of their diabetes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab5

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON'T KNOW	3	5	8
1	YES	56	53	109
2	NO	259	189	448

kx375re: Does Participant have any problems with their eyes as a result of their diabetes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab6

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON'T KNOW	8	5	13
1	YES	40	50	90
2	NO	270	192	462

kx376re: Does Participant have any problems with their kidneys as a result of their diabetes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab7

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
-1	DON'T KNOW	3	4	7
1	YES	30	24	54
2	NO	285	219	504

kx377re: Has Participant ever participated in a diabetes self-management course or class or received special training on how they can manage their diabetes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx342re, y_x1ab8

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX342RE != 1)	1310	1521	2831
1	YES	173	148	321
2	NO	145	99	244

kx348re: Has a doctor ever told Participant they have cancer or a malignant tumor, not including minor skin cancers?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a4

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON’T KNOW	1	0	1
1	YES	270	266	536
2	NO	1358	1501	2859

kx349re: Year Participant was diagnosed with cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1a4b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON’T KNOW	0	3	3
1963 - 1995		31	83	114
1996 - 2001		62	52	114
2002 - 2005		70	55	125
2006 - 2009		78	52	130
2010 - 2012		28	21	49

Note: In rare cases, participants reported on more than one type or occurrence of cancer; if this happened, KX349RE captures the earliest year of diagnosis.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx349reb: Extent to which Participant's cancer currently interferes with what they like to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1ac5

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	1	3	4
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON'T KNOW	0	2	2
1	NOT AT ALL	200	223	423
2	A LITTLE	34	18	52
3	SOME	20	10	30
4	QUITE A BIT	9	7	16
5	A GREAT DEAL	5	3	8

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx350are: First organ or part of the body in which Participant mentioned having an occurrence of cancer. These are ICD-9 codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1a4c, c_y_x1a4c
NOT AVAILABLE ON PUBLIC RELEASE

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135

-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON'T KNOW	0	1	1
141	Malignant neoplasm of tongue	2	0	2
142	Malignant neoplasm of major salivary glands	0	1	1
145	Malignant neoplasm of other and unspecified parts of the mouth	0	1	1
146	Malignant neoplasm of oropharynx	1	1	2
147	Malignant neoplasm of nasopharynx	0	1	1
150	Malignant neoplasm of esophagus	2	1	3
152	Malignant neoplasm of small intestine, including duodenum	1	1	2
153	Malignant neoplasm of colon	22	19	41
154	Malignant neoplasm of rectum, rectosigmoid junction, and anus	3	2	5
155	Malignant neoplasm of liver and intrahepatic bile ducts	1	1	2
157	Malignant neoplasm of pancreas	1	1	2
158	Malignant neoplasm of retroperitoneum and peritoneum	0	1	1
159	Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum	1	1	2
160	Malignant neoplasm of nasal cavities, middle ear, and accessory sinuses	0	1	1
161	Malignant neoplasm of larynx	6	1	7
162	Malignant neoplasm of trachea, bronchus, and lung	6	12	18
170	Malignant neoplasm of bone and articular cartilage	1	2	3
171	Malignant neoplasm of connective and other soft tissue	2	4	6
172	Malignant neoplasm of skin	7	5	12
173	Other malignant neoplasm of skin	3	2	5
174	Malignant neoplasm of female breast	2	139	141
179	Malignant neoplasm of uterus, part unspecified	0	19	19

180	Malignant neoplasm of cervix uteri	0	5	5
182	Malignant neoplasm of body of uterus	0	2	2
183	Malignant neoplasm of ovary and other uterine adnexa	0	10	10
184	Malignant neoplasm of other and unspecified female genital organs	0	2	2
185	Malignant neoplasm of prostate	143	0	143
186	Malignant neoplasm of testis	1	0	1
188	Malignant neoplasm of bladder	17	5	22
189	Malignant neoplasm of kidney and other unspecified urinary organs	12	4	16
191	Malignant neoplasm of brain	0	1	1
193	Malignant neoplasm of thyroid gland	6	8	14
195	Malignant neoplasm of other and ill-defined sites	7	3	10
198	Secondary malignant neoplasm of other specified sites	0	1	1
199	Malignant neoplasm without specification of site	1	1	2
202	Other malignant neoplasms of lymphoid and histiocytic tissue	11	1	12
208	Leukemia of unspecified cell type	10	6	16

Note: Although participants were not explicitly asked to report on more than one type of cancer, a small number of them chose to do so (see KX350BRE and KX350CRE); if this happened, there is no way of determining which of the participant's cancers variables KX349RE, KX349REB, and KX378RE-KX389RE reference. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R. For a publicly released version of this variable that collapses detailed ICD-9 codes into categories, see KX350DRE.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx350bre: Second organ or part of the body in which Participant mentioned having an occurrence of cancer. These are ICD-9 codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx350are, c2_y_x1a4c
NOT AVAILABLE ON PUBLIC RELEASE

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | KX350ARE = -3 OR -1 | NO 2ND CANCER OCCURRENCE MENTIONED)	1613	1761	3374
153	Malignant neoplasm of colon	2	0	2
154	Malignant neoplasm of rectum, rectosigmoid junction, and anus	1	0	1
155	Malignant neoplasm of liver and intrahepatic bile ducts	1	0	1
161	Malignant neoplasm of larynx	1	0	1
173	Other malignant neoplasm of skin	0	1	1
174	Malignant neoplasm of female breast	0	2	2
179	Malignant neoplasm of uterus, part unspecified	0	1	1
183	Malignant neoplasm of ovary and other uterine adnexa	0	1	1
185	Malignant neoplasm of prostate	3	0	3
187	Malignant neoplasm of penis and other male genital organs	1	0	1
189	Malignant neoplasm of kidney and other unspecified urinary organs	3	0	3
191	Malignant neoplasm of brain	1	0	1
202	Other malignant neoplasms of lymphoid and histiocytic tissue	3	2	5

Note: Although participants were not explicitly asked to report on more than one type of cancer, a small number of them chose to do so (see KX350ARE and KX350CRE); if this happened, there is no way of determining which of the participant's cancers variables KX349RE, KX349REB, and KX378RE-KX389RE reference. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R. For a publicly released version of this variable that collapses detailed ICD-9 codes into categories, see KX350FRE.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx350cre: Third organ or part of the body in which Participant mentioned having an occurrence of cancer. These are ICD-9 codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx350bre, c3_y_x1a4c
NOT AVAILABLE ON PUBLIC RELEASE

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | KX350ARE = -3 OR -1 | NO 3RD CANCER OCCURRENCE MENTIONED)	1628	1768	3396
162	Malignant neoplasm of trachea, bronchus, and lung	1	0	1

Note: Although participants were not explicitly asked to report on more than one type of cancer, a small number of them chose to do so (see KX350ARE and KX350BRE); if this happened, there is no way of determining which of the participant's cancers variables KX349RE, KX349REB, and KX378RE-KX389RE reference. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R. For a publicly released version of this variable that collapses detailed ICD-9 codes into categories, see KX350GRE.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx350dre: Summary of first organ or part of the body in which Participant mentioned having an occurrence of cancer. These are collapsed ICD-9 cancer codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx350are

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON'T KNOW	0	1	1
1	Malignant Neoplasm Of Lip, Oral Cavity, And Pharynx	3	4	7
2	Malignant Neoplasm Of Digestive Organs And Peritoneum	31	27	58
3	Malignant Neoplasm Of Respiratory And Intrathoracic Organs	12	14	26
4	Malignant Neoplasm Of Bone, Connective Tissue, Skin, And Breast	15	152	167
5	Malignant Neoplasm Of Genitourinary Organs	173	47	220
6	Malignant Neoplasm Of Other And Unspecified Sites	14	14	28
7	Malignant Neoplasm Of Lymphatic And Hematopoietic Tissue	21	7	28

Note: This variable collapses the ICD-9 cancer codes used at KX350ARE into categories. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R. Although participants were not explicitly asked to report on more than one type of cancer, a small number of them chose to do so (see KX350BRE and KX350CRE); if this happened, there is no way of determining which of the participant's cancers variables KX349RE, KX349REB, and KX378RE-KX389RE reference.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx350fre: Summary of second organ or part of the body in which Participant mentioned having an occurrence of cancer. These are collapsed ICD-9 cancer codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx350bre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | KX350DRE = -3 OR -1 | NO 2ND CANCER OCCURRENCE MENTIONED)	1613	1761	3374
2	Malignant Neoplasm Of Digestive Organs And Peritoneum	4	0	4
3	Malignant Neoplasm Of Respiratory And Intrathoracic Organs	1	0	1
4	Malignant Neoplasm Of Bone, Connective Tissue, Skin, And Breast	0	3	3
5	Malignant Neoplasm Of Genitourinary Organs	7	2	9
6	Malignant Neoplasm Of Other And Unspecified Sites	1	0	1
7	Malignant Neoplasm Of Lymphatic And Hematopoietic Tissue	3	2	5

Note: This variable collapses the ICD-9 cancer codes used at KX350BRE into categories. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R. Although participants were not explicitly asked to report on more than one type of cancer, a small number of them chose to do so (see KX350ARE and KX350CRE); if this happened, there is no way of determining which of the participant's cancers variables KX349RE, KX349REB, and KX378RE-KX389RE reference.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx350gre: Summary of third organ or part of the body in which Participant mentioned having an occurrence of cancer. These are collapsed ICD-9 cancer codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx350cre

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | KX350DRE = -3 OR -1 | NO 3RD CANCER OCCURRENCE MENTIONED)	1628	1768	3396
3	Malignant Neoplasm Of Respiratory And Intrathoracic Organs	1	0	1

Note: This variable collapses the ICD-9 cancer codes used at KX350CRE into categories. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R. Although participants were not explicitly asked to report on more than one type of cancer, a small number of them chose to do so (see KX350ARE and KX350BRE); if this happened, there is no way of determining which of the participant's cancers variables KX349RE, KX349REB, and KX378RE-KX389RE reference.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx378re: Has Participant's cancer gotten worse, better, or stayed about the same since being diagnosed?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1ac1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON'T KNOW	5	4	9
1	WORSE	12	12	24
2	BETTER	213	226	439
3	STAYED ABOUT THE SAME	39	24	63

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx379re: Has a doctor ever told Participant they had a recurrence of their cancer?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1ac2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON’T KNOW	3	2	5
1	YES	35	24	59
2	NO	231	240	471

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx380re: Has Participant’s cancer ever spread to any lymph nodes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1ac3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON’T KNOW	4	0	4
1	YES	32	44	76
2	NO	233	222	455

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx381re: Has Participant’s cancer ever spread to a part of their body other than lymph nodes?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1ac4

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON’T KNOW	4	6	10
1	YES	18	20	38
2	NO	247	240	487

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx383rea: First type of treatment Participant mentioned ever receiving for their cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, y_x1ad1_a, c_y_x1ad1_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1)	1359	1502	2861
-1	DON’T KNOW	1	1	2
0	HAS NOT RECEIVED ANY TREATMENT	16	3	19
1	RADIATION THERAPY	97	113	210
2	SURGERY	137	141	278
3	HORMONAL THERAPY	5	0	5
4	CHEMOTHERAPY	10	6	16
5	IMMUNOTHERAPY	1	1	2
6	ALTERNATIVE/HERBAL/NATURAL MEDICINE	1	1	2
11	MEDICATION/SUPPLEMENT/DRUG NOS	1	0	1

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx383reb: Second type of treatment Participant mentioned ever receiving for their cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx383rea, y_x1ad1_b, c_y_x1ad1_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	2	0	2
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | DID NOT KNOW ABOUT, HAS NOT RECEIVED, OR REFUSED TO DISCLOSE TREATMENTS | NO 2ND TYPE OF TREATMENT MENTIONED)	1526	1604	3130
1	RADIATION THERAPY	1	2	3
2	SURGERY	58	104	162
3	HORMONAL THERAPY	12	25	37
4	CHEMOTHERAPY	22	32	54
5	IMMUNOTHERAPY	7	1	8
11	MEDICATION/SUPPLEMENT/DRUG NOS	1	0	1

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx383rec: Third type of treatment Participant mentioned ever receiving for their cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx383reb, y_x1ad1_c, c_y_x1ad1_c

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | DID NOT KNOW ABOUT, HAS NOT RECEIVED, OR REFUSED TO DISCLOSE TREATMENTS | NO 3RD TYPE OF TREATMENT MENTIONED)	1595	1689	3284
1	RADIATION THERAPY	1	0	1
3	HORMONAL THERAPY	11	43	54
4	CHEMOTHERAPY	16	34	50
5	IMMUNOTHERAPY	2	1	3
6	ALTERNATIVE/HERBAL/NATURAL MEDICINE	0	1	1
9	STEM CELL TRANSPLANT (PERIPHERAL BLOOD, BONE MARROW, CORD BLOOD)	1	0	1
12	TARGETED THERAPY (e.g. GLEEVEC)	2	0	2

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx383red: Fourth type of treatment Participant mentioned ever receiving for their cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx383rec, y_x1ad1_d, c_y_x1ad1_d

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	3	4
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | DID NOT KNOW ABOUT, HAS NOT RECEIVED, OR REFUSED TO DISCLOSE TREATMENTS | NO 4TH TYPE OF TREATMENT MENTIONED)	1624	1744	3368
-1	DON’T KNOW	0	2	2
3	HORMONAL THERAPY	0	2	2
4	CHEMOTHERAPY	2	15	17
5	IMMUNOTHERAPY	0	1	1
6	ALTERNATIVE/HERBAL/NATURAL MEDICINE	1	0	1
10	PHYSICAL THERAPY/PAIN MANAGEMENT/EXAMINATION NOS	1	0	1
12	TARGETED THERAPY (e.g. GLEEVEC)	0	1	1

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx383ree: Fifth type of treatment Participant mentioned ever receiving for their cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx383red, y_x1ad1_e, c_y_x1ad1_e

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | DID NOT KNOW ABOUT, HAS NOT RECEIVED, OR REFUSED TO DISCLOSE TREATMENTS | NO 5TH TYPE OF TREATMENT MENTIONED)	1629	1767	3396
11	MEDICATION/SUPPLEMENT/DRUG NOS	0	1	1

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx383ref: Sixth type of treatment Participant mentioned ever receiving for their cancer.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx383ree, y_x1ad1_f, c_y_x1ad1_f

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | DID NOT KNOW ABOUT, HAS NOT RECEIVED, OR REFUSED TO DISCLOSE TREATMENTS | NO 6TH TYPE OF TREATMENT MENTIONED)	1629	1768	3397

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx384re: Has Participant received treatment(s) for their cancer in the past month?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx348re, kx383rea, kx383reb, kx383rec, kx383red, kx383ree, kx383ref, y_x1ad2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX348RE != 1 | KX383REA = -3, -1, OR 0 | KX383REB = -3 OR -1 | KX383REC = -3 OR -1 | KX383RED = -3 OR -1 | KX383REE = -3 OR -1 | KX383REF = -3 OR -1)	1377	1508	2885
1	YES	24	23	47
2	NO	228	237	465

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx385rea: First type of treatment Participant mentioned receiving for their cancer in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, y_x1ad3_a, c_y_x1ad3_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1)	1605	1745	3350
1	RADIATION THERAPY	3	1	4
2	SURGERY	2	1	3
3	HORMONAL THERAPY	7	6	13
4	CHEMOTHERAPY	10	10	20
5	IMMUNOTHERAPY	0	1	1
10	PHYSICAL THERAPY/PAIN MANAGEMENT/EXAMINATION NOS	1	0	1
11	MEDICATION/SUPPLEMENT/DRUG NOS	1	2	3
12	TARGETED THERAPY (e.g. GLEEVEC)	0	2	2

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx385reb: Second type of treatment Participant mentioned receiving for their cancer in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, kx385rea, y_x1ad3_b, c_y_x1ad3_b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1 | DID NOT KNOW ABOUT OR REFUSED TO DISCLOSE TREATMENTS | NO 2ND TYPE OF TREATMENT MENTIONED)	1622	1765	3387
2	SURGERY	1	0	1
3	HORMONAL THERAPY	2	1	3
4	CHEMOTHERAPY	3	0	3
9	STEM CELL TRANSPLANT (PERIPHERAL BLOOD, BONE MARROW, CORD BLOOD)	0	1	1
12	TARGETED THERAPY (e.g. GLEEVEC)	0	1	1

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx385rec: Third type of treatment Participant mentioned receiving for their cancer in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, kx385reb, y_x1ad3_c, c_y_x1ad3_c

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1 | DID NOT KNOW ABOUT OR REFUSED TO DISCLOSE TREATMENTS | NO 3RD TYPE OF TREATMENT MENTIONED)	1629	1767	3396
4	CHEMOTHERAPY	0	1	1

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx385red: Fourth type of treatment Participant mentioned receiving for their cancer in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, kx385rec, y_x1ad3_d, c_y_x1ad3_d

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1 | DID NOT KNOW ABOUT OR REFUSED TO DISCLOSE TREATMENTS | NO 4TH TYPE OF TREATMENT MENTIONED)	1629	1768	3397

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx385ree: Fifth type of treatment Participant mentioned receiving for their cancer in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, kx385red, y_x1ad3_e, c_y_x1ad3_e

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1 | DID NOT KNOW ABOUT OR REFUSED TO DISCLOSE TREATMENTS | NO 5TH TYPE OF TREATMENT MENTIONED)	1629	1768	3397

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx385ref: Sixth type of treatment Participant mentioned receiving for their cancer in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, kx385ree, y_x1ad3_f, c_y_x1ad3_f

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1 | DID NOT KNOW ABOUT OR REFUSED TO DISCLOSE TREATMENTS | NO 6TH TYPE OF TREATMENT MENTIONED)	1629	1768	3397

Note: Procedures such as ablation and cryotherapy were coded as forms of surgery (value "2").
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx386re: Extent to which Participant is bothered by side effects of cancer treatment(s) they have received in the past month.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, y_x1ad4

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != 1)	1605	1745	3350
-1	DON’T KNOW	1	0	1
1	NOT AT ALL	6	10	16
2	SLIGHTLY	8	2	10
3	SOMEWHAT	7	6	13
4	VERY	2	4	6
5	EXTREMELY	0	1	1

Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx388re: Side effect of cancer treatment(s) received in the past month that bothers Participant the most.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx386re, x1ad6, c_x1ad6

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX386RE != 2, 3, 4, OR 5)	1612	1755	3367
1	URINATION PROBLEMS	2	1	3
3	NUMBNESS IN HANDS OR FEET	0	1	1
4	BOWEL MOVEMENT PROBLEMS	2	0	2
5	FATIGUE/SLEEPINESS	4	5	9
6	LOSS OF APPETITE/UPSET STOMACH	1	3	4
7	JOINT PAIN/STIFFNESS	1	0	1
8	HOT FLASHES	3	1	4
9	PAIN NOS	0	1	1
12	SKIN IRRITATION	1	0	1
16	TREATMENT (PILL,RADIATION,ETC.)	1	0	1
18	BLEEDING	1	0	1
21	MUSCLE WEAKNESS	1	0	1
24	BLOOD PLATELET COUNT	0	1	1

Note: If the participant mentioned multiple side effects of cancer treatment(s) without any indication as to which one bothers them the most, this variable reflects the first side effect mentioned.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx387re: Extent to which Participant continues to be bothered by side effects of cancer treatment(s) they have ever received.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx384re, y_x1ad5

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX384RE != -4, -3, -1, OR 2)	1401	1531	2932
-1	DON’T KNOW	0	1	1
1	NOT AT ALL	162	189	351
2	SLIGHTLY	24	25	49
3	SOMEWHAT	32	15	47
4	VERY	7	6	13
5	EXTREMELY	3	1	4

Note: This variable is only applicable to participants who did not report receiving any cancer treatments in the past month (see KX384RE) but who have been treated for cancer at some point in time (see KX383REA).
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx389re: Side effect of cancer treatment(s) ever received that continues to bother Participant the most.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx387re, y_x1ad7, c_y_x1ad7

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF NON-SPOUSE PROXY	1	1	2
-4	NOT ASCERTAINED	1	7	8
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX387RE != 2, 3, 4, OR 5)	1563	1721	3284

1	URINATION PROBLEMS	14	0	14
2	SEXUAL LIMITATIONS	14	1	15
3	NUMBNESS IN HANDS OR FEET	2	2	4
4	BOWEL MOVEMENT PROBLEMS	8	3	11
5	FATIGUE/SLEEPINESS	4	3	7
6	LOSS OF APPETITE/UPSET STOMACH	0	2	2
7	JOINT PAIN/STIFFNESS	0	1	1
8	HOT FLASHES	3	0	3
9	PAIN NOS	1	5	6
10	BALANCE/MOBILITY	1	0	1
11	NEUROPATHY	2	7	9
14	MEMORY	1	1	2
16	TREATMENT (PILL,RADIATION,ETC.)	3	3	6
17	EYES	1	0	1
18	BLEEDING	1	0	1
20	MOUTH DRYNESS	1	0	1
21	MUSCLE WEAKNESS	1	0	1
23	AESTHETIC CONCERNS	0	4	4
25	ANXIETY	0	1	1
26	OTHER REASON	6	6	12

Note: This variable is only applicable to participants who did not report receiving any cancer treatments in the past month (see KX384RE) but who have been treated for cancer at some point in time (see KX383REA). If the participant mentioned multiple side effects of cancer treatment(s) without any indication as to which one continues to bother them the most, this variable reflects the first side effect mentioned.
Note: The referenced "cancer" may include malignant tumors but not minor skin cancers (see KX348RE).

kx351re: Has a doctor ever told Participant they had a heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a5

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON’T KNOW	3	4	7
1	YES	507	282	789
2	NO	1119	1481	2600

kx390re: Year Participant was first diagnosed with a heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx351re, y_x1af1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX351RE != 1)	1122	1486	2608
-1	DON’T KNOW	2	8	10
1940 - 1993		121	46	167
1994 - 2000		109	58	167
2001 - 2005		108	65	173
2006 - 2009		118	79	197
2010 - 2012		48	26	74

kx390reb: Extent to which Participant's heart disease currently interferes with what they like to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx351re, y_z1af2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	1	1	2
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX351RE != 1)	1122	1486	2608
-1	DON'T KNOW	1	1	2
1	NOT AT ALL	293	166	459
2	A LITTLE	124	60	184
3	SOME	58	32	90
4	QUITE A BIT	25	18	43
5	A GREAT DEAL	4	4	8

Note: Here, "heart disease" signifies a heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems (see KX351RE).

kx352re: Did Participant ever have a heart attack or myocardial infarction?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx351re, y_x1a5a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX351RE != 1)	1122	1486	2608
-1	DON’T KNOW	7	5	12
1	YES	202	78	280
2	NO	297	199	496

kx392re: Year Participant had their first heart attack or myocardial infarction.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx352re, y_x1af3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	1	0	1
-2	INAPPROPRIATE INAPPROPRIATE (KX352RE != 1)	1427	1690	3117
-1	DON’T KNOW	9	7	16
1952 - 1991		42	13	55
1992 - 1999		41	16	57
2000 - 2004		40	16	56
2005 - 2008		41	17	58
2009 - 2012		28	9	37

kx353re: Year Participant had their most recent heart attack or myocardial infarction.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx352re, y_x1a5a3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX352RE != 1)	1427	1690	3117
-1	DON’T KNOW	3	1	4
1	ONLY HAD ONE	152	58	210
1970 - 1996		8	5	13
1997 - 2005		13	3	16
2006 - 2008		13	7	20
2009 - 2010		12	3	15
2011		1	1	2

kx354re: Has Participant ever had a special test or treatment of their heart where tubes were inserted into their veins or arteries?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a5f

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON’T KNOW	8	8	16
1	YES	482	289	771
2	NO	1139	1470	2609

Note: The participant was informed that such a test or treatment may have been called a cardiac catheterization, coronaryangiogram, or angioplasty.

kx355re: Has Participant ever had surgery on their heart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a5g

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-1	DON’T KNOW	4	1	5
1	YES	236	79	315
2	NO	1389	1688	3077

kx393re: Year Participant first had surgery on their heart.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx355re, y_x1af4

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX355RE != 1)	1393	1689	3082
-1	DON’T KNOW	1	1	2
1958 - 1995		49	13	62
1996 - 2000		51	14	65
2001 - 2005		49	23	72
2006 - 2008		49	16	65
2009 - 2012		37	12	49

kx394re: Number of heart surgeries Participant has had.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx355re, y_x1af5

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX355RE != 1)	1393	1689	3082
1		184	63	247
2		33	10	43
3		11	5	16
4		4	1	5
5		1	0	1
7		2	0	2
8		1	0	1

kx356re: Has a doctor ever told Participant they had a stroke?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a6

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON’T KNOW	1	2	3
1	YES	111	104	215
2	NO	1517	1661	3178

kx395re: Year Participant was first diagnosed with a stroke.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx356re, y_x1ag1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX356RE != 1)	1518	1664	3182
-1	DON’T KNOW	1	8	9
1960 - 1994		24	22	46
1995 - 2002		23	25	48
2003 - 2006		23	18	41
2007 - 2009		25	25	50
2010 - 2012		15	6	21

kx396re: Number of strokes a doctor has diagnosed Participant as having.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx356re, y_x1ag2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX356RE != 1)	1518	1664	3182
-1	DON’T KNOW	3	6	9
0		1	2	3
1		86	73	159
2		15	11	26
3		4	7	11
4		2	3	5
5		0	1	1
6		0	1	1

kx357re: Year Participant last had a stroke.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx396re, y_x1a6a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX356RE != 1 | KX396RE = 1)	1604	1737	3341
-1	DON’T KNOW	2	3	5
1	HAS ONLY HAD ONE STROKE	1	4	5
1968 - 1995		5	4	9
1996 - 2002		5	4	9
2003 - 2007		3	6	9
2008 - 2009		6	4	10
2010 - 2012		3	6	9

kx357reb: Extent to which effects of stroke currently interfere with what Participant likes to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx356re, y_x1ag3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	0	4	4
-2	INAPPROPRIATE INAPPROPRIATE (KX356RE != 1)	1518	1664	3182
1	NOT AT ALL	55	63	118
2	A LITTLE	12	15	27
3	SOME	20	12	32
4	QUITE A BIT	17	7	24
5	A GREAT DEAL	7	3	10

kx358re: Does Participant still have any remaining health problems because of stroke?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx356re, y_x1a6b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX356RE != 1)	1518	1664	3182
1	YES	48	37	85
2	NO	63	67	130

Note: The participant was informed that examples of remaining health problems include muscle weakness and difficulty speaking.

kx359re: Does Participant sometimes have pain, stiffness, or swelling in their joints?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x1a7

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-1	DON'T KNOW	0	1	1
1	YES	1019	1202	2221
2	NO	610	565	1175

kx361re: Has Participant ever been diagnosed with a mental illness?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_x70

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-1	DON'T KNOW	2	2	4
1	YES	66	108	174
2	NO	1561	1658	3219

kx362are: Participant's first mentioned mental illness diagnosis. These are ICD-9 codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx361re, y_x71, c_y_x71
NOT AVAILABLE ON PUBLIC RELEASE

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	2	3
-2	INAPPROPRIATE INAPPROPRIATE (KX361RE != 1)	1563	1660	3223
-1	DON'T KNOW	4	1	5
290	Senile and presenile organic psychotic conditions	4	4	8
295	Schizophrenic disorders	2	5	7
296	Affective psychoses	12	9	21
300	Neurotic disorder	4	6	10
307	Special symptoms or syndromes, not elsewhere classified	0	1	1
308	Acute reaction to stress	0	1	1
309	Adjustment reaction	3	1	4
310	Specific nonpsychotic mental disorders due to organic brain damage	1	0	1
311	Depressive disorder, not elsewhere classified	29	74	103
331	Other cerebral degenerations	2	2	4
332	Parkinson's disease	1	0	1
340	Multiple sclerosis	0	1	1
410	Acute myocardial infarction	1	0	1
648	Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the pruerperium	0	1	1
850	Concussion	1	0	1
5863	Accidental Poisoning By Agricultural And Horticultural Chemical And Pharmaceutical Preparations Other Than Plant Foods And Fertilizers	1	0	1

Note: Although participants were not explicitly asked to report on more than one diagnosed mental illness, a small number of them chose to do so (see KX362BRE); if this happened, there is no way of determining which of the participant's mental illnesses variable KX398RE references. For more information about

ICD-9 codes as well as details regarding coding, see cor867 in Appendix R.

kx362bre: Participant's second mentioned mental illness diagnosis. These are ICD-9 codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx361re, kx362are, c2_y_x71
NOT AVAILABLE ON PUBLIC RELEASE

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX361RE != 1 | KX362ARE = -3 OR -1 | NO 2ND DIAGNOSIS MENTIONED)	1617	1749	3366
295	Schizophrenic disorders	0	1	1
296	Affective psychoses	1	2	3
300	Neurotic disorder	6	8	14
301	Personality disorder	0	1	1
303	Alcohol dependence syndrome	0	1	1
311	Depressive disorder, not elsewhere classified	3	4	7
314	Hyperkinetic syndrome of childhood	0	1	1
331	Other cerebral degenerations	1	1	2
436	Acute, but ill-defined, cerebrovascular disease	1	0	1

Note: Although participants were not explicitly asked to report on more than one diagnosed mental illness, a small number of them chose to do so (see KX362ARE); if this happened, there is no way of determining which of the participant's mental illnesses variable KX398RE references. For more information about ICD-9 codes as well as details regarding coding, see cor867 in Appendix R.

kx398re: Participant's age when their mental illness was first diagnosed.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx361re, y_x71age

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-4	NOT ASCERTAINED	1	2	3
-2	INAPPROPRIATE INAPPROPRIATE (KX361RE != 1)	1563	1660	3223
-1	DON'T KNOW	3	1	4
7 - 30		17	21	38
31 - 40		12	24	36
42 - 50		10	23	33
51 - 60		11	25	36
61 - 87		12	12	24

Note: Although participants were not explicitly asked to report on more than one diagnosed mental illness, a small number of them chose to do so (see KX362ARE and KX362BRE); if this happened, there is no way of determining which of the participant's mental illnesses this variable references.

kx230re: Since Participant was last interviewed, have they had any long-term physical or mental conditions, illnesses or disabilities that limited what they were able to do, either on or off the job?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_ANYR, y_x1a1a, y_x1a1b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	0	1	1
-1	DON'T KNOW	1	1	2
1	YES	390	432	822
2	NO	1238	1334	2572

Note: The great majority of participants were last interviewed during the 2005 collection wave; all others were last interviewed during the 1994 wave. When reporting on limiting long-term conditions, participants were allowed to include diagnoses reported earlier in the Health Module.

kf601re: Most serious limiting long-term condition Participant has had since last being interviewed. These are ICD-9 and ICF codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx230re, y_b11aa2, y_b11aa2a, c_y_b11aa2a
NOT AVAILABLE ON PUBLIC RELEASE

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	2	0	2
-2	INAPPROPRIATE INAPPROPRIATE (KX230RE != 1)	1239	1336	2575
-1	DON’T KNOW	1	0	1
0	No such condition	1	1	2
38	Septicemia	0	1	1
41	Bacterial infection in conditions classified elsewhere and of unspecified site	0	2	2
45	Acute poliomyelitis	3	4	7
53	Herpes zoster	0	1	1
114	Coccidiomycosis	0	1	1
135	Sarcoidosis	2	0	2
138	Late effects of acute poliomyelitis	2	2	4
162	Malignant neoplasm of trachea, bronchus, and lung	2	0	2
171	Malignant neoplasm of connective and other soft tissue	1	0	1
174	Malignant neoplasm of female breast	0	2	2
185	Malignant neoplasm of prostate	2	0	2
188	Malignant neoplasm of bladder	1	0	1

191	Malignant neoplasm of brain	0	1	1
199	Malignant neoplasm without specification of site	4	4	8
202	Other malignant neoplasms of lymphoid and histiocytic tissue	1	0	1
208	Leukemia of unspecified cell type	1	0	1
211	Benign neoplasm of other parts of digestive system	1	0	1
238	Neoplasm of uncertain behavior of other and unspecified sites and tissues	0	1	1
239	Neoplasms of unspecified nature	1	1	2
250	Diabetes mellitus	3	1	4
251	Other disorders of pancreatic internal secretion	0	1	1
274	Gout	1	0	1
290	Senile and presenile organic psychotic conditions	1	1	2
295	Schizophrenic disorders	2	0	2
296	Affective psychoses	3	2	5
300	Neurotic disorder	4	3	7
303	Alcohol dependence syndrome	1	0	1
308	Acute reaction to stress	2	1	3
309	Adjustment reaction	2	0	2
311	Depressive disorder, not elsewhere classified	4	12	16
315	Specific delays in development	1	0	1
322	Meningitis of unspecified cause	0	1	1
331	Other cerebral degenerations	4	2	6
332	Parkinson’s disease	12	7	19
333	Other extrapyramidal disease and abnormal movement disorders	1	0	1
334	Spinocerebellar disease	0	1	1
335	Anterior horn cell disease	0	1	1
340	Multiple sclerosis	3	15	18
342	Hemiplegia	1	0	1

344	Other paralytic syndromes	1	0	1
345	Epilepsy	2	1	3
346	Migraine	0	2	2
350	trigeminal nerve disorder	1	0	1
354	Mononeuritis of upper limb and mononeuritis multiplex	1	1	2
356	Hereditary and idiopathic peripheral neuropathy	6	3	9
359	Muscular dystrophies and other myopathies	1	2	3
361	Retinal detachments and defects	1	0	1
362	Other retinal disorders	0	2	2
365	Glaucoma	1	0	1
366	Cataract	1	0	1
369	Blindness and low vision	3	2	5
371	Corneal opacity and other disorders of cornea	1	1	2
379	Other eye disorders	0	3	3
386	Vertiginous syndromes and other disorders of vestibular system	1	1	2
388	Other disorders of ear	0	1	1
389	Hearing loss	2	0	2
390	Rheumatic fever without mention of heart involvement	1	0	1
401	Essential hypertension	2	0	2
410	Acute myocardial infarction	6	2	8
413	Angina pectoris	1	0	1
414	Other forms of chronic ischemic heart disease	0	1	1
423	Other diseases of pericardium	1	0	1
427	Cardiac dysrhythmias	3	3	6
428	Heart failure	3	0	3
429	Ill-defined descriptions and complications of heart disease	16	2	18
430	Subarachnoid hemorrhage	0	1	1

432	Other and unspecified intracranial hemorrhage	0	1	1
433	Occlusion and stenosis of precerebral arteries	1	1	2
436	Acute, but ill-defined, cerebrovascular disease	10	9	19
441	Aortic aneurysm	1	0	1
442	Other aneurysm	0	3	3
443	Other peripheral vascular disease	0	2	2
444	Arterial embolism and thrombosis	0	2	2
446	Polyarteritis nodosa and allied conditions	1	0	1
453	Other venous embolism and thrombosis	1	1	2
457	Noninfectious disorders of lymphatic channels	1	0	1
459	Other disorders of circulatory system	0	1	1
486	Pneumonia, organism unspecified	1	2	3
492	Emphysema	2	1	3
493	Asthma	1	4	5
496	Chronic airway obstruction, not elsewhere specified	8	2	10
515	Postinflammatory pulmonary fibrosis	1	0	1
518	Other diseases of lung	1	0	1
530	Diseases of esophagus	0	1	1
533	Peptic ulcer, site unspecified	0	1	1
537	Other disorders of stomach and duodenum	1	0	1
540	Acute appendicitis	0	1	1
553	Other hernia of abdominal cavity without mention of obstruction or gangrene	0	2	2
555	Regional enteritis	0	5	5
560	Intestinal obstruction without mention of hernia	0	3	3
562	Diverticula of intestine	0	1	1
569	Other disorders of intestine	1	2	3
571	Chronic liver disease and cirrhosis	1	0	1

573	Other disorders of liver	0	1	1
577	Diseases of pancreas	1	1	2
579	Intestinal malabsorption	0	1	1
584	Acute renal failure	0	2	2
586	Renal failure, unspecified	2	0	2
592	Calculus of kidney and ureter	2	0	2
596	Other disorders of bladder	1	1	2
599	Other disorders of urethra and urinary tract	1	0	1
620	Noninflammatory disorders of ovary, fallopian tube, and broad ligament	0	1	1
694	Bullous dermatoses	0	1	1
696	Psoriasis and similar disorders	1	1	2
707	Chronic ulcer of skin	0	1	1
710	Diffuse diseases of connective tissue	0	1	1
714	Rheumatoid arthritis and other inflammatory polyarthropathies	9	7	16
715	Osteoarthrosis and allied disorders	5	11	16
716	Other and unspecified arthropathies	29	54	83
717	Internal derangement of knee	5	2	7
718	Other derangement of joint	1	0	1
719	Other and unspecified disorders of joint	32	21	53
721	Spondylosis and allied disorders	3	1	4
722	Intervertebral disc disorder	9	11	20
723	Other disorder of cervical region	0	4	4
724	Other and unspecified disorders of back	19	34	53
725	Polymyalgia rheumatica	0	1	1
726	Peripheral enthesopathies and allied syndromes	2	0	2
728	Disorders of muscle, ligament, and fiscia	0	2	2
729	Other disorders of soft tissues	2	11	13

730	Osteomyelitis, periostitis, and other infections involving bone	0	1	1
733	Other disorders of bone and cartilage	1	3	4
734	Flat foot	1	0	1
736	Other acquired deformities of limbs	1	0	1
737	Curvature of spine	1	3	4
753	Congenital anomalies of urinary system	1	0	1
756	Other congenital muscoskeletal anomalies	0	1	1
761	Fetus or newborn affected by maternal complications of pregnancy	0	1	1
780	General symptoms	1	12	13
783	Symptoms concerning nutrition, metabolism, and development	1	1	2
784	Symptoms involving head and neck	1	2	3
786	Symptoms involving respiratory system and other chest symptoms	4	2	6
787	Symptoms involving digestive system	1	0	1
799	Other ill-defined and unknown cause of morbidity and mortality	3	3	6
805	Fracture of vertebral column without mention of spinal cord	6	2	8
807	Fracture of rib(s), sternum, larynx, and trachea	0	1	1
811	Fracture of scapula	1	0	1
814	Fracture of carpal bone(s)	0	3	3
818	Ill-defined fractures of upper limb	0	2	2
820	Fracture of neck of femur	0	3	3
821	Fracture of other and unspecified parts of femur	0	1	1
823	Fracture of tibia and fibula	0	1	1
824	Fracture of ankle	1	2	3
827	Other, multiple, and ill-defined fractures of lower limb	3	4	7
831	Dislocation of shoulder	0	1	1
835	Dislocation of hip	1	0	1

839	Other, multiple, and ill-defined dislocations	1	1	2
840	Sprains and strains of shoulder and upper arm	2	2	4
842	Sprains and strains of wrist and hand	1	0	1
844	Sprains and strains of knee and leg	2	1	3
845	Sprains and strains of ankle and foot	0	2	2
847	Sprains and strains of other and unspecified parts of the back	4	5	9
848	Other and ill-defined sprains and strains	1	1	2
873	Other open wound of head	0	1	1
959	Injury, other and unspecified	1	0	1
989	Toxic effect of other substances, chiefly nonmedicinal as to source	1	0	1
5819	Motor vehicle traffic accident of unspecified nature	0	2	2
5863	Accidental Poisoning By Agricultural And Horticultural Chemical And Pharmaceutical Preparations Other Than Plant Foods And Fertilizers	0	1	1
5888	Other and unspecified fall	4	2	6
5947	Other And Unspecified Drugs And Medicinal Substances Causing Adverse Effects In Therapeutic Use	0	1	1
6015	Other Personal History Presenting Hazards To Health	0	1	1
6040	Mental And Behavioral Problems	2	0	2
6046	Other Dependence On Machines	0	1	1
6049	Other Conditions Influencing Health Status	5	2	7
6056	Encounter For Dialysis and Dialysis Catheter Care	1	0	1
6058	Encounter For Other And Unspecified Procedures And Aftercare	1	1	2
7000	Procedures and Interventions, NEC	1	2	3
7014	Operations on retina, chorioid, vitreous, and posterior chamber	1	0	1
7033	Other operations on lung and bronchus	1	1	2
7036	Operations on vessels of heart	1	0	1
7037	Other operations on heart and pericardium	3	1	4

7039	Other operations on vessels	6	2	8
7045	Incision, excision, and anastomosis of intestine	1	1	2
7046	Other operations on intestine	1	0	1
7050	Operations on liver	0	1	1
7053	Repair of hernia	1	0	1
7067	Operations on cervix	0	1	1
7077	Incision, excision, and division of other bones	0	1	1
7080	Incision and excision of joint structures	6	6	12
7081	Repair and plastic operations on joint structures	32	27	59
7082	Operations on muscle, tendon, and fascia of hand	0	1	1
7083	Operations on muscle, tendon, fascia, and bursa except hand	0	1	1
7084	Other procedures on musculoskeletal system	1	2	3

Note: This variable's predecessor from the 2005 collection wave was contained within the Employment Module (see CF601RE). If the participant mentioned multiple long-term conditions without any indication as to which one was most serious, this variable reflects the first condition mentioned. For more information about ICD-9 and ICF codes, as well as details regarding coding, see cor867 in Appendix R. For a publicly released version of this variable that collapses detailed ICD-9 and ICF codes into categories, see KFA01RE.
Note: The great majority of participants were last interviewed during the 2005 collection wave; all others were last interviewed during the 1994 wave. When reporting on limiting long-term conditions, participants were allowed to include diagnoses reported earlier in the Health Module.

kfa01re: Summary of most serious limiting long-term condition Participant has had since last being interviewed. These are collapsed ICD-9 and ICF codes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx230re, kf601re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-3	REFUSED	2	0	2
-2	INAPPROPRIATE INAPPROPRIATE (KX230RE != 1)	1239	1336	2575
-1	DON’T KNOW	1	0	1
0		1	1	2
10	Infectious and Parasitic Diseases	7	11	18
20	Neoplasms	14	9	23
30	Endocrine, Nutritional, Metabolic, Immunity	4	2	6
50	Mental Disorders	20	19	39
60	Nervous System and Sense Organs	43	46	89
70	Circulatory System	48	29	77
80	Respiratory System	14	9	23
90	Digestive System	4	19	23
100	Genitourinary system	6	4	10
120	Skin and Subcutaneous Tissue	1	3	4
130	Musculoskeletal System and Connective Tissue	120	167	287
140	Congenital Anomalies	1	1	2
150	Conditions in the Perinatal Period	0	1	1
160	Symptoms, Signs, and Ill-Defined Conditions	11	20	31
170	Injury and Poisoning	25	33	58
180	ICD-9 E Codes	4	6	10
190	ICD-9 V Codes	9	5	14
200	ICD-9 Volume 3 Headings	55	47	102

Note: This variable collapses the detailed ICD-9 and ICF codes used at KF601RE into categories. For more information about ICD-9 and ICF codes, as well as details regarding coding, see cor867 in Appendix R. If the participant mentioned multiple long-term conditions without any indication as to which one was most serious, this variable reflects the first condition mentioned.
Note: This variable's predecessor from the 2005 collection wave was contained within the Employment Module (see CFA01RE). The great majority of participants were last interviewed during the 2005 collection wave; all others were last interviewed during the 1994 wave. When reporting on limiting long-term conditions, participants were allowed to include diagnoses reported earlier in the Health Module.

kf602re: Year most serious long-term condition Participant has had since last being interviewed began to limit what they were able to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx230re, kf601re, y_b11aa3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX230RE != 1 | KF601RE = -3, -1, OR 0)	1243	1337	2580
-1	DON'T KNOW	5	7	12
1942 - 1992		78	89	167
1993 - 2001		82	83	165
2002 - 2006		92	85	177
2007 - 2009		91	119	210
2010 - 2012		38	48	86

Note: This variable's predecessor from the 2005 collection wave was contained within the Employment Module (see CF602RE). The great majority of participants were last interviewed during the 2005 collection wave; all others were last interviewed during the 1994 wave. For more information about the participant's most serious limiting long-term condition and how it was coded, see KF601RE and

KFA01RE.

kf603re: Year most serious long-term condition Participant has had since last being interviewed stopped limiting what they were able to do.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx230re, kf601re, y_b11aa4

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-2	INAPPROPRIATE INAPPROPRIATE (KX230RE != 1 | KF601RE = -3, -1, OR 0)	1243	1337	2580
-1	DON’T KNOW	3	2	5
1	CONDITION IS ONGOING	298	342	640
1947 - 2001		18	16	34
2002 - 2007		25	25	50
2008 - 2009		20	18	38
2010 - 2011		19	26	45
2012		3	2	5

Note: This variable’s predecessor from the 2005 collection wave was contained within the Employment Module (see CF603RE). The great majority of participants were last interviewed during the 2005 collection wave; all others were last interviewed during the 1994 wave. For more information about the participant’s most serious limiting long-term condition and how it was coded, see KF601RE and KFA01RE.

kx700re: Summary of whether Participant belonged to the 75% sub-sample randomly selected to be eligible for questions about experiences searching for health information.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_lkhlth

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
1	YES, IN SUB-SAMPLE	1247	1315	2562
2	NO, NOT IN SUB-SAMPLE	382	453	835

Note: See KX701RE for information on whether participants in the sub-sample were "eligible," as well as how question administration proceeded.

kx701re: Flag for administration outcome of health information questions, as well as Participant's eligibility to receive them.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx700re, kx342re, kx348re, kx351re, kx356re, kx361re, y_disease

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-2	INAPPROPRIATE INAPPROPRIATE (KX700RE != 1)	382	453	835
1	ELIGIBLE FOR QUESTIONS AND ASKED ABOUT VALIDLY REPORTED CONDITION	662	546	1208
3	ELIGIBLE BUT QUESTIONS NOT ADMINISTERED	1	1	2
5	NOT ELIGIBLE, QUESTIONS APPROPRIATELY SKIPPED	576	758	1334

Note: The participant was only "eligible" to be asked about their experiences searching for health information if they belonged to a randomly selected 75% sub-sample (see KX700RE) and also reported one or more of the following diagnoses: diabetes (see KX342RE), cancer (see KX348RE), heart problems (see KX351RE), a stroke (see KX356RE), or a mental illness (see KX361RE). In rare cases, interviewing errors occurred, resulting in one of the following administration outcomes: the participant, despite

reporting a targeted diagnosis, was asked about a condition they did not confirm having (code "2"); the participant, despite reporting a targeted diagnosis, was not asked the health information questions at all (code "3"); or the participant was asked the health information questions (about a condition they do not have) even though they did not report any targeted diagnoses (code "4").

kx702re: Diagnosed condition selected as subject of questions about Participant's experiences searching for health information.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx701re, y_disease

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-2	INAPPROPRIATE INAPPROPRIATE (KX701RE != 1)	959	1212	2171
1	CANCER	145	168	313
2	DIABETES	186	148	334
3	HEART DISEASE	286	160	446
4	MENTAL ILLNESS	23	50	73
5	STROKES	22	20	42

Note: This variable is exclusive to participants for whom the health information questions were appropriately administered (see KX701RE). If the participant only reported one of the targeted diagnoses (diabetes, cancer, heart problems, strokes, and mental illnesses), that condition was always selected as the subject of the questions; if the participant reported multiple targeted diagnoses, a condition was randomly selected.

kx703re: Has Participant ever looked for information about their selected condition from any source?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx701re, y_x1i1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-2	INAPPROPRIATE INAPPROPRIATE (KX701RE != 1)	959	1212	2171
1	YES	436	362	798
2	NO	226	184	410

Note: See KX702RE for the participant's "selected condition" and an account of how it was selected.

kx704re: When Participant most recently looked for information about their selected condition, where did they look first?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx703re, y_x1i2, c_y_x1i2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-4	NOT ASCERTAINED	2	1	3
-2	INAPPROPRIATE INAPPROPRIATE (KX703RE != 1)	1185	1396	2581
-1	DON'T KNOW	4	5	9
1	(CONTACTED) DOCTOR OR DOCTOR'S OFFICE	104	53	157
2	MAGAZINE	18	25	43
3	INTERNET	194	165	359
4	BOOK	37	47	84
5	PAMPHLET, BROCHURE, OR BOOKLET	22	17	39

6	(CONTACTED) FAMILY MEMBER	4	1	5
7	(TOOK) CLASS/SEMINAR	3	2	5
8	LETTER, NEWSLETTER, OR HEALTH LETTER	9	9	18
9	(CONTACTED) HEALTH ASSOCIATION	8	5	13
10	(CONTACTED) FRIEND	3	0	3
11	NEWSPAPER	9	10	19
12	JOURNAL	2	2	4
14	TELEVISION	2	4	6
15	(CONTACTED) FAMILY MEMBER EMPLOYED IN MEDICAL FIELD	3	1	4
16	LIBRARY, EXACT MEDIUM NOT SPECIFIED	2	5	7
17	(JOINED OR CONTACTED) SUPPORT GROUP	1	3	4
18	(CONTACTED) OTHER PEOPLE WITH SIMILAR CONDITION(S)	0	1	1
19	(CONTACTED) INSURANCE COMPANY	4	0	4
20	OTHER	5	6	11

Note: See KX702RE for the participant’s "selected condition" and an account of how it was selected. If the participant mentioned looking for information about their condition in multiple places with no indication as to where they looked first, this variable reflects the first place mentioned.

kx705re: First other place Participant mentioned looking for information about their selected condition when most recently searching.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx703re, y_x1i3, c_y_x1i3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-4	NOT ASCERTAINED	3	0	3

-2	INAPPROPRIATE INAPPROPRIATE (KX703RE != 1)	1185	1396	2581
-1	DON’T KNOW	5	1	6
0	DID NOT LOOK ELSEWHERE	176	142	318
1	(CONTACTED) DOCTOR OR DOCTOR’S OFFICE	69	32	101
2	MAGAZINE	25	37	62
3	INTERNET	45	37	82
4	BOOK	32	45	77
5	PAMPHLET, BROCHURE, OR BOOKLET	30	20	50
6	(CONTACTED) FAMILY MEMBER	0	5	5
7	(TOOK) CLASS/SEMINAR	3	3	6
8	LETTER, NEWSLETTER, OR HEALTH LETTER	2	4	6
9	(CONTACTED) HEALTH ASSOCIATION	1	4	5
10	(CONTACTED) FRIEND	2	1	3
11	NEWSPAPER	12	7	19
12	JOURNAL	1	1	2
13	RADIO	0	1	1
14	TELEVISION	5	3	8
15	(CONTACTED) FAMILY MEMBER EMPLOYED IN MEDICAL FIELD	0	4	4
16	LIBRARY, EXACT MEDIUM NOT SPECIFIED	4	6	10
17	(JOINED OR CONTACTED) SUPPORT GROUP	0	1	1
18	(CONTACTED) OTHER PEOPLE WITH SIMILAR CONDITION(S)	1	0	1
19	(CONTACTED) INSURANCE COMPANY	2	2	4
20	OTHER	18	6	24

Note: See KX702RE for the participant’s "selected condition" and an account of how it was selected. Here, "other" references the first place the participant reported looking for information about their condition (see KX704RE).

kx706re: Second other place Participant mentioned looking for information about their selected condition when most recently searching.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx703re, kx705re, c2_y_x1i3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-2	INAPPROPRIATE INAPPROPRIATE (KX703RE != 1 | KX705RE = -3, -1, OR 0 | NO 2ND OTHER PLACE MENTIONED)	1603	1738	3341
1	(CONTACTED) DOCTOR OR DOCTOR'S OFFICE	1	2	3
2	MAGAZINE	5	5	10
3	INTERNET	0	3	3
4	BOOK	1	2	3
5	PAMPHLET, BROCHURE, OR BOOKLET	3	0	3
8	LETTER, NEWSLETTER, OR HEALTH LETTER	1	0	1
10	(CONTACTED) FRIEND	0	1	1
11	NEWSPAPER	2	3	5
13	RADIO	1	0	1
20	OTHER	4	4	8

Note: See KX702RE for the participant's "selected condition" and an account of how it was selected. Here, "other" references the first place the participant reported looking for information about their condition (see KX704RE).

kx707re: Third other place Participant mentioned looking for information about their selected condition when most recently searching.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx703re, kx706re, c3_y_x1i3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-2	INAPPROPRIATE INAPPROPRIATE (KX703RE != 1 | KX705RE = -3, -1, OR 0 | NO 3RD OTHER PLACE MENTIONED)	1619	1752	3371
3	INTERNET	0	1	1
4	BOOK	0	2	2
5	PAMPHLET, BROCHURE, OR BOOKLET	1	1	2
14	TELEVISION	1	0	1
15	(CONTACTED) FAMILY MEMBER EMPLOYED IN MEDICAL FIELD	0	1	1
19	(CONTACTED) INSURANCE COMPANY	0	1	1

Note: See KX702RE for the participant's "selected condition" and an account of how it was selected. Here, "other" references the first place the participant reported looking for information about their condition (see KX704RE).

kx708re: Extent to which Participant agrees that, based on the results of their overall search for information on their selected condition, they wanted more information but did not know where to find it.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx703re, y_x1i4_1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX703RE != 1)	1185	1396	2581
-1	DON’T KNOW	3	5	8
1	STRONGLY AGREE	15	14	29
2	AGREE	82	56	138
3	DISAGREE	216	188	404
4	STRONGLY DISAGREE	120	98	218

Note: See KX702RE for the participant’s "selected condition" and an account of how it was selected. For information on where the participant looked for information on their condition when most recently searching, see KX704RE-KX707RE.

kx709re: Extent to which Participant agrees that, based on the results of their overall search for information on their selected condition, they were satisfied with the information they found.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx703re, y_x1i4_7

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	8	10	18
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX703RE != 1)	1185	1396	2581
-1	DON’T KNOW	2	1	3
1	STRONGLY AGREE	181	142	323
2	AGREE	238	199	437
3	DISAGREE	13	15	28
4	STRONGLY DISAGREE	2	4	6

Note: See KX702RE for the participant’s "selected condition" and an account of how it was selected. For information on where the participant looked for information on their condition when most recently searching, see KX704RE-KX707RE.

kx710re: Summary of whether Participant belonged to the 50% sub-sample randomly selected to be asked about General Health Vignettes.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_vigsamp

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
1	YES	829	845	1674
2	NO	800	923	1723

Note: General Health Vignettes were only administered to selected sibling participants belonging to survey replicates 1, 8, and 9 during the 2004-2005 CATI interview. For the 2011 collection wave, we

revised how vignettes were administered and also expanded their coverage to include randomly selected 50% sub-samples of both graduates and siblings. Unlike in 2004-2005, when one of four possible severity levels was administered from each of three randomly ordered sets of General Health Vignettes (A for "no specific disease", B for "heart disease", and C for "diabetes"), only the first three severity levels of General Health Vignette A were administered in 2011. Because of this change in how General Health Vignettes were administered, no effort was made to reconstruct the 2004-2005 series of analysis variables corresponding to them (see CXA01RER-CXC04RER in the 2005 sibling Health Module). For more information on General Health Vignettes and how they were administered last collection wave, please see cor847 in Appendix M.

kx711rea: Hypothetical name used when severity level #1 on General Health Vignette A (no specific disease) was administered to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vigorder, y_vigsex, y_vigname1, y_vigname2, y_vigname3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
1	DAVID	826	0	826
4	NANCY	0	834	834

Note: Severity level #1 is the least severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011.
Note: The sex typically associated with the hypothetical name used always aligned with the participant's sex (i.e. the names David, William, and Tom were used for male participants while Joan, Karen, and Nancy were used for females). For an account of how General Health Vignettes were administered in 2011, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last collection wave, see cor847 in Appendix M.

kx711reb: Order in which severity level #1 on General Health Vignette A (no specific disease) was administered to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vigorder

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
1	ADMINISTERED FIRST	267	265	532
2	ADMINISTERED SECOND	263	285	548
3	ADMINISTERED THIRD	296	284	580

Note: Three of the four severity levels for General Health Vignette A were administered in random order for the 2011 collection wave. Severity level #1 is the least severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011. For a more detailed account of how General Health Vignettes were administered this wave, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last wave, see cor847 in Appendix M.

kx711rec: Participant's rating of the health of the hypothetical person described for severity level #1 on General Health Vignette A (no specific disease).

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vig1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
1	EXCELLENT	381	485	866
2	VERY GOOD	334	269	603
3	GOOD	91	67	158
4	FAIR	18	10	28
5	POOR	2	2	4

Note: Severity level #1 is the least severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011. The description for severity level #1 reads: "[Name] is energetic, and has no trouble bending, lifting, or climbing stairs. He/She rarely experiences pain, except for minor headaches. In the last year, [Name] spent one day in bed due to illness. In general, would you say [Name]'s health is: excellent, very good, good, fair, or poor?"
Note: For an account of how General Health Vignettes were administered in 2011, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last collection wave, see cor847 in Appendix M.

kx712rea: Hypothetical name used when severity level #2 on General Health Vignette A (no specific disease) was administered to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vigorder, y_vigsex, y_vigname1, y_vigname2, y_vigname3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
2	TOM	826	0	826
5	JOAN	0	834	834

Note: Severity level #2 is the second least severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011.
Note: The sex typically associated with the hypothetical name used always aligned with the participant's sex (i.e. the names David, William, and Tom were used for male participants while Joan, Karen, and Nancy were used for females). For an account of how General Health Vignettes were administered in 2011, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last collection wave, see cor847 in Appendix M.

kx712reb: Order in which severity level #2 on General Health Vignette A (no specific disease) was administered to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vigorder

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
1	ADMINISTERED FIRST	257	277	534
2	ADMINISTERED SECOND	283	285	568
3	ADMINISTERED THIRD	286	272	558

Note: Three of the four severity levels for General Health Vignette A were administered in random order for the 2011 collection wave. Severity level #2 is the second least severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011. For a more detailed account of how General Health Vignettes were administered this wave, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last wave, see cor847 in Appendix M.

kx712rec: Participant's rating of the health of the hypothetical person described for severity level #2 on General Health Vignette A (no specific disease).

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vig2

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
1	EXCELLENT	41	68	109
2	VERY GOOD	252	342	594
3	GOOD	380	324	704
4	FAIR	143	93	236
5	POOR	10	6	16

Note: Severity level #2 is the second least severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011. The description for severity level #2 reads: "[Name] is usually energetic, but once in a while feels fatigued. He/She has very slight trouble bending, lifting, and climbing stairs. His/Her occasional pain does not affect his/her daily activities. In the past year, [Name] spent two days in bed due to illness. In general, would you say [Name]'s health is: excellent, very good, good, fair, or poor?"
Note: For an account of how General Health Vignettes were administered in 2011, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last collection wave, see cor847 in Appendix M.

kx713rea: Hypothetical name used when severity level #3 on General Health Vignette A (no specific disease) was administered to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vigorder, y_vigsex, y_vigname1, y_vigname2, y_vigname3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
3	WILLIAM	826	0	826
6	KAREN	0	834	834

Note: Severity level #3 is the second most severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011.
Note: The sex typically associated with the hypothetical name used always aligned with the participant's sex (i.e. the names David, William, and Tom were used for male participants while Joan, Karen, and Nancy were used for females). For an account of how General Health Vignettes were administered in 2011, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last collection wave, see cor847 in Appendix M.

kx713reb: Order in which severity level #3 on General Health Vignette A (no specific disease) was administered to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vigorder

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
1	ADMINISTERED FIRST	302	292	594
2	ADMINISTERED SECOND	280	264	544
3	ADMINISTERED THIRD	244	278	522

Note: Three of the four severity levels for General Health Vignette A were administered in random order for the 2011 collection wave. Severity level #3 is the second most severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011. For a more detailed account of how General Health Vignettes were administered this wave, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last wave, see cor847 in Appendix M.

kx713rec: Participant's rating of the health of the hypothetical person described for severity level #3 on General Health Vignette A (no specific disease).

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kx710re, y_vig3

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	3	11	14
-3	REFUSED	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KX710RE != 1) 1)	800	923	1723
-1	DON’T KNOW	0	2	2
1	EXCELLENT	3	2	5
2	VERY GOOD	20	33	53
3	GOOD	153	214	367
4	FAIR	461	447	908
5	POOR	189	135	324

Note: Severity level #3 is the second most severe of the four increasingly severe possibilities, with level #4 not being administered at all in 2011. The description for severity level #3 reads: "About once a week, [Name] has no energy. He/She has some trouble bending, lifting, and climbing stairs, and each week experiences pain that limits some of his/her activities. In the past year, [Name] has spent a week in bed due to illness. In general, would you say [Name]’s health is: excellent, very good, good, fair, or poor?"
Note: For an account of how General Health Vignettes were administered in 2011, see the note for KX710RE. For more information on General Health Vignettes and how they were administered last collection wave, see cor847 in Appendix M.

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