In Person: Vision Screener

KVIS Vision Screener Module

OVERVIEW

The Vision Screener Module, which was administered to a randomly selected 15% sub-sample of participants, is new to the 2010 collection wave. It features a check of participants' vision using an 11-line Snellen chart much like those preferred by eye care professionals. Each line on the chart includes different combinations of letters. Moreover, with each descending line, the number of letters increases as their (font) size decreases. The vision check is administered as follows: first, the interviewer sets up an easel; then, the interviewer places the participant's chair 10 feet away from the easel and directly facing it; the participant is subsequently invited to sit down in the chair, after which the Snellen chart is placed on the easel; finally, the interviewer instructs the participant to "please look at this chart and read the lowest complete line you can see. While you are doing this activity, please try to keep your back against the back of the chair [if the chair does not have a back the participant is asked to sit up as straight as they can]." If the participant is unable to correctly read the complete line they select, the interviewer asks them to "please read the line above that one." Conversely, if the participant correctly reads the complete line they select, the interviewer encourages them to try reading the line below it. The interviewer continues prompting the participant to read adjacent lines until the lowest one they can correctly read is determined. Note that this module was only administered to members of the sub-sample who were interviewed in person, did not report an inability to see when asked about their vision in the Health Module, and who had the use of their hands (the vision check preceded a cognitive task that involved using a computer keyboard).

BRIEF VARIABLE DESCRIPTIONS

KEPRSTAT-KEPRREL:	Module-Level Status Variables.
KVI01RE:	Does Participant Belong to the 15% Sub-Sample Selected to Complete the Vision Screener Module?
KVI02RE:	Did Participant Satisfy the Conditions Necessary to Having Their Vision Screened?
KVI03RE:	Lowest Line on Snellen Chart Participant Was Able to Correctly Read
KVI04RER-KVI14RER:	Participant's Capability for Correctly Reading Each of the 11 Lines on the Snellen Chart

keprstat: Was the Vision Screener 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_rogflag, y_eprproxy1, y_eprhelp0, 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
-28	NOT ASKED OF PARTICIPANT OVER TELEPHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	Inappropriate Inap, not in sample (y_rogflag != 1)	1373	1511	2884
1	R COMPLETED ALONE	219	240	459
2	R COMPLETED ALONE WITH SOMEONE ELSE IN THE ROOM	31	11	42
3	R RECEIVED A LITTLE HELP	0	1	1
8	MODULE SKIPPED/INSTRUMENT ERROR	1	0	1

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.

keprrel: Relationship of Vision Screener Module helper or proxy to Participant.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KEPRSTAT, y_eprproxy1, y_eprhelp0, y_eprhelp1, y_eprhelp2_hfn, y_eprhelp3, 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
-28	NOT ASKED OF PARTICIPANT OVER TELEPHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-4	NOT ASCERTAINED	1	0	1
-2	Inappropriate Inap, not in sample (y_rogflag != 1) or keprstat=1,2,-3	1623	1762	3385
54	OTHER	0	1	1

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.

kvi01re: Does Participant belong to the 15% sub-sample randomly selected to complete the Vision Screener Module?

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

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-5	PARTIAL INTERVIEW	0	1	1
1	YES	256	256	512
2	NO	1373	1511	2884

kvi02re: Did Participant satisfy the conditions necessary to have their vision screened?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI01RE, y_x4, y_ivwloc, y_vis1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT ASKED OF PARTICIPANT OVER TELEPHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1)	1373	1511	2884
1	YES	247	247	494
2	NO	4	5	9

Note: Participants who were part of the sub-sample randomly selected to complete this module did not have their vision screened if any of the following was true of them: (1) in the Health Module, they reported not being able to see at all during the past four weeks; or (2) they did not have the use of their hands.

kvi03re: Lowest line on the Snellen chart Participant was able to read correctly.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, KVI04RER-KVI14RER

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-3	REFUSED	0	3	3
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2)	1377	1516	2893
1	TOPMOST	5	5	10
3		0	3	3
4		4	7	11
5		5	10	15
6		25	25	50
7		37	39	76
8		38	46	84
9		86	78	164
10		41	21	62
11	BOTTOMMOST	6	10	16

Note: Participants who refused the vision screener after beginning but prior to completing it have been assigned a value of "-3" on this variable, signifying "refused."

kvi04rer: Was Participant able to correctly read the first (topmost) line of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-3	REFUSED	0	3	3
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1516	2893
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	242	239	481
2	YES, LOWEST LINE READ CORRECTLY	5	5	10

Note: This line read as follows: "K V D".

kvi05rer: Was Participant able to correctly read the second line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	242	239	481
3	NO	5	5	10

Note: This line read as follows: "Z S H C".

kvi06rer: Was Participant able to correctly read the third line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-c

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	242	236	478
2	YES, LOWEST LINE READ CORRECTLY	0	3	3
3	NO	5	5	10

Note: This line read as follows: "H S K R N".

kvi07rer: Was Participant able to correctly read the fourth line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-d

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	238	229	467
2	YES, LOWEST LINE READ CORRECTLY	4	7	11
3	NO	5	8	13

Note: This line read as follows: "C H K R V D".

kvi08rer: Was Participant able to correctly read the fifth line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-e

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	233	219	452
2	YES, LOWEST LINE READ CORRECTLY	5	10	15
3	NO	9	15	24

Note: This line read as follows: "H O N S D C V".

kvi09rer: Was Participant able to correctly read the sixth line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-f

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	208	194	402
2	YES, LOWEST LINE READ CORRECTLY	25	25	50
3	NO	14	25	39

Note: This line read as follows: "O K H D N R C S".

kvi10rer: Was Participant able to correctly read the seventh line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-g

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	171	155	326
2	YES, LOWEST LINE READ CORRECTLY	37	39	76
3	NO	39	50	89

Note: This line read as follows: "V H D N K U O S R C".

kvi11rer: Was Participant able to correctly read the eighth line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-h

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	133	109	242
2	YES, LOWEST LINE READ CORRECTLY	38	46	84
3	NO	76	89	165

Note: This line read as follows: "B D C L K Z V H S R O A".

kvi12rer: Was Participant able to correctly read the ninth line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-i

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	47	31	78
2	YES, LOWEST LINE READ CORRECTLY	86	78	164
3	NO	114	135	249

Note: This line read as follows: "H K G B C A N O M P V E S R".

kvi13rer: Was Participant able to correctly read the tenth line from the top of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-j

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
1	YES, BUT NOT LOWEST LINE READ CORRECTLY	6	10	16
2	YES, LOWEST LINE READ CORRECTLY	41	21	62
3	NO	200	213	413

Note: This line read as follows: "P K U E O B T V X R M J H C A Z D I".

kvi14rer: Was Participant able to correctly read the eleventh (bottommost) line of the Snellen chart?

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: KVI02RE, y_vis2_:a-k

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-28	NOT RELEVANT TO PARTICIPANT INTVD. BY PHONE	4	4	8
-27	NOT ASKED OF PROXY	1	0	1
-5	PARTIAL INTERVIEW	0	1	1
-2	INAPPROPRIATE INAPPROPRIATE (KVI01RE != 1 | KVI02RE = 2 | REFUSED TO CONTINUE W/ SCREENER AT EARLIER LINE)	1377	1519	2896
2	YES, LOWEST LINE READ CORRECTLY	6	10	16
3	NO	241	234	475

Note: This line read as follows: "D K N T W U L J S P X V M R A H C F O Y Z G".
Note: As the bottommost line on the Snellen chart, the 11th one was - by default - the lowest line a participant could have possibly read correctly (within the context of this activity).

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