The next few questions ask about your vision, hearing, and exposure to noise.

#### VISION

SDQ.010. At the **present time**, would you say your eyesight, with glasses or contact lenses, if you wear them, is...?

Excellent	1	SDQ010	FMT_EGFPVP
Good	2		
Fair	3		
Poor	4		
Very poor	5		
Refused	777		
Don't Know	999		

- SDQ.020. How much difficulty do you have...
  - a. Reading ordinary print in newspapers?
  - b. Doing work or hobbies that require you to see well up close such as cooking, sewing, fixing things around the house, or using hand tools?
  - c. Going down steps, stairs, or curbs in dim light or at night?
  - d. Noticing objects off to the side while you are walking?
  - e. Finding something on a crowded shelf?

#### [HAND CARD & READ CATEGORIES TO RESPONDENT IF NECESSARY.]

No difficulty	1
A little difficulty	2
Moderate difficulty	3
Extreme difficulty	4
Unable to do because of eyesight	5
Does not do this for other reasons	6
Refused	777
Don't Know	999

DQ020A FM\_DQ020\_ DQ020B FM\_DQ020\_ DQ020C FM\_DQ020\_ DQ020D FM\_DQ020\_ DQ020E FM\_DQ020

SDQ.030. How limited are you in how long you can work or do other daily activities such as housework, child care, school, or community activities because of your vision? Would you say you are limited...?

None of the time	0	SDQ030	FMT_SDQ030
A little of the time	1		
Some of the time	2		
Most of the time	3		
All of the time	4		
Refused	777		
Don't Know	999		

SDQ.040. Has a doctor or other health professional ever told you that you had an eye problem

	Ye No Re	-	es)?	777	FM_YES_NO (Skip to SDQ. (Skip to SDQ. (Skip to SDQ.	046)
SDQ.041.	Ye No Re		roblem?	<b>DQ041</b> 1 2 777 999	FMT_YES_NC	,
SDQ.0	Gla Ma Dia Ca Re Tra Ble Otl Re	nich type of eye paucoma acular degenerat abetic retinopath taract tinal detachmen aumatic injury to eeding at the bac ner (Specify: fused n't Know	ion y t eye ck of eye	Name 1 2 3 4 5 6 7) 8 777 999	all that apply.	[HAND CARD]
	2' response 3' response 4' response 6' response 7 response 8' response	SDQ042_A SDQ042_B SDQ042_C SDQ042_D SDQ042_E SDQ042_F SDQ042_G SDQ042_H SDQ042_OTHER	FMT_SDQ042_ FMT_SDQ042_ FMT_SDQ042_ FMT_SDQ042_			

[Loop back and repeat SDQ.043-SDQ.044 for each named eye problem (a-h) in SDQ.042.]

SDQ.043a-h. How old were you when you were first told you had {the named eye problem}?

|\_\_\_|\_\_| Enter age in years

> Refused 77 Don't Know 99

SDQ043\_1 FMT\_NUMERIC SDQ043\_2 FMT\_NUMERIC SDQ043\_3 FMT\_NUMERIC SDQ043\_4 FMT\_NUMERIC

SDQ043\_5 FMT\_NUMERIC

SDQ043_6	FMT_NUMERIC
SDQ043_7	FMT_NUMERIC
SDQ043 8	FMT NUMERIC

SDQ.044a-h. Was it in one or both eyes?

One eye 1
Both eyes 2
Refused 777
Don't Know 999

SDQ044_1	FMT_SDQ044_
SDQ044_2	FMT_SDQ044_
SDQ044_3	FMT_SDQ044_
SDQ044_4	FMT_SDQ044_
SDQ044_5	FMT_SDQ044_
SDQ044_6	FMT_SDQ044_
SDQ044_7	FMT_SDQ044_
SDQ044_8	FMT_SDQ044_

SDQ.045.	Are you blind in one or both eyes?	SDQ045	FMT_SDQ045	
	Yes, in one eye	1		
	Yes, in both eyes	2		
	No	3		
	Refused	777		
	Don't Know	999		

#### **HEARING**

SDQ.046.	Do you feel you have a hearing loss?		SDQ046	FMT_YES_NO
	Yes	1		
	No	2	(Skip to	SDQ.050)
	Refused	777	(Skip to	SDQ.050)
	Don't Know	999	(Skip to	SDQ.050)

SDQ.0	47.	Which is your	better ear? Left ear Right ear No difference Refused Don't Know	SDQ047	1 2 3 777 999	FMI_SDQ047
SDQ.0	48.	Was your hea	ring loss sudden or grad Sudden Gradual Refused Don't Know	dual?	<i>\$DQ048</i> 1 2 777 999	FM_SDQ048
SDQ.0	49.	How old were	you when your hearing Less than 5 years old 5 to 19 20 to 29 30 to 39 40 to 49 50 to 59 60 to 69 70 years or more Refused Don't Know	loss de	veloped?  **DQ049**  0 1 2 3 4 5 6 7 777 999	FMT_SDQ049
SDQ.050.	say yo		ble e			, moderate trouble,
SDQ.060.	Has a probler			<i>n_yes_no</i> 1 2 (Sk 777 (Sk	-	.070) .070)
SDQ.061.	Do you	ı still have an e Yes No	ear or hearing problem?	<b>\$D\$Q06</b> 1 2	KI FA	n_yes_no

	Refused Don't Know	ı	777 999		
SDQ.062a-i.	Which type of ear or hearing process in ears Drainage/discharge from ear Partial hearing loss Deaf Acoustic neuroma Choesteatoma Meniere's disease Otosclerosis Other (Specify: Refused Dan't Know		1		
J <sup>a</sup> sespon Z <sup>a</sup> sespon	n DQ	0062_A 0062_B	999  FM_SDQ062_ FM_SDQ062_ FM_SDQ062_		
5° respon 6° respon 7° respon 8° respon	u Do u Do u Do	2062_E 2062_F 2062_G 2062_H	FM_SDQ062_ FM_SDQ062_ FM_SDQ062_ FM_SDQ062_ FM_SDQ062_		
9 respon Other re	se SDQ062_1		FMT_SDQ062_ FMT_CHAR		

## [Loop back and repeat SDQ.063 for each named ear/hearing problem (a-i) in SDQ.062.]

SDQ.063a-i. How old were you when you were first told you had this {ear/hearing} problem?

|\_\_\_|\_\_|
Enter age in years

Refused 77 Don't Know 99

SDQ063 2 FMT\_NUMERIC SDQ063\_3 FMT\_NUMERIC SDQ063\_4 FMT\_NUMERIC SDQ063\_5 FMT\_NUMERIC FMT\_NUMERIC SDQ063\_6 SDQ063\_7 fmt\_numeric SDQ063\_8 FMT\_NUMERIC SDQ063\_9 FMT\_NUMERIC SDQ063\_10 FMT\_NUMERIC

SDQ.070.	Have you ever worn a hearing aid?	SDQ070	FMT_YES_NO
	Yes	1	
	No	2	(Skip to SDQ.080)
	Refused		(Skip to SDQ.080)
	Don't Know		(Skip to SDQ.080)
SDQ.0	71. In the last 12 months, have y		•
		SDQ071	FMI_YES_NO
	Yes	1	
	No	2	
	Refused	777	
	Don't Know	999	
SDQ.080.	In the last 12 months, have you had	buzzing, ring	ging, or noise in your ears?
		SDQ080	FMT_YES_NO
	Yes	1	
	No	2	(Skip to SDQ.090)
	Refused	777	(Skip to SDQ.090)
	Don't Know	999	(Skip to SDQ.090)
SDQ.08	81. Do you hear this noise only for	ollowing very	loud sounds (i.e., concerts,
SDQ.0	81. Do you hear this noise only for shooting, or noise at work)?	ollowing very	•
SDQ.0	,		•
SDQ.0	shooting, or noise at work)?		•

999

Don't Know

SDQ.090.	•	the past 12 mon lty with falling? Yes No Refused Don't Know	•	<i>FMT_YES_NO</i> 1 2 777	(Skip to SDQ.094) (Skip to SDQ.094) (Skip to SDQ.094) (Skip to SDQ.094)
SDQ.	091a-c.	Which of these production of these productions of these productions of these productions of the production of the produc		1 2 3 777 999	[Enter all that apply] (Skip to SDQ.093)
SDQ.	092a-b.	How long did the Less than 2 weeks to 3 mc More than 3 mo Refused Don't Know SDQ092_1 SDQ092_2	eks onths	olem} last? 1 2 3 777 999	Would you say?
SDQ.	093a-c.	How often have      Enter number of Refused Don't Know		he last 12 m 777 999	nonths? <i>SDQ093 FMI_NUMERIC</i>
SDQ.094.		you ever been tre ince problem, or f Yes No Refused Don't Know		<b>1</b> 2 777	health professional for a dizziness, FMI_YES_NO  (Skip to SDQ.100) (Skip to SDQ.100) (Skip to SDQ.100)
SDQ.	095.	1 to 5 ye	n 1 year ago ars ago an 5 years ago	SDQ095	you say?  **FM_\$DQOPS**  1 2 3 777 999

## **NOISE EXPOSURE**

SDQ.100. At your current job, how often is it too noisy (so that you need to speak in a raised voice or louder to be heard when a person is two feet away)? **[HAND CARD]** 

None of the time	1 (Skip to SDQ.121)
25% of the time	2
50% of the time	3
75% of the time	4
100% of the time	5
Occasionally	6
Refused	777
Don't Know	999

SDQ100 FMT\_SDQ121\_FREQ

SDQ.110. At your current job, how often do you wear hearing (ear) protection? **[HAND CARD]** 

None of the time	1
25% of the time	2
50% of the time	3
75% of the time	4
100% of the time	5
Occasionally	6
Refused	777
Don't Know	999

SDQ110 FM\_SDQ121\_FREQ

SDQ.121. How often was it noisy at your longest held job (you needed to speak in a raised voice or louder to be heard when a person was two feet away)? [HAND CARD]

Same as current job 0 [Skip to SDQ 130]

Same as current job	0
None of the time	1
25% of the time	2
50% of the time	3
75% of the time	4
100% of the time	5
Occasionally	6
Refused	777
Don't Know	999

SDQ121 FMT\_SDQ121\_FREQ

FMI\_SDQ121\_FREQ

SDQ.122. At that job (longest held), how often did you wear hearing (ear) protection? [HAND

CARD]	SDQ122
None of the time	1
25% of the time	2
50% of the time	3
75% of the time	4
100% of the time	5
Occasionally	6
Refused	777
Don't Know	999

SDQ.130.		you held any other noisy job I voice (or louder) to be hear Yes No Refused Don't Know	rd?	<b>O</b> /	7 <u>_YES_NO</u> 1) 1)
SDQ.	131.	What type of work did you			
		Refused Don't Know	777 999	SDQ131 SDQ131_TEXT	FMT_SDQ131_ FMT_CHAR
SDQ.	132.	How many hours/week did	you work?	SDQ132	FMI_NUMERIC
		Refused Don't Know	777 999		
SDQ.	133.	How many years did you d	lo this job?	SDQ133 FM	II_NUMERIC
		 Enter years Refused Don't Know	77 99		
SDQ.140.	Have	you ever fired a gun?	SDQ140	FMT_YES_N	NO
		Yes No		1 2 (Skip to S	DQ.150)
		Refused Don't Know		77 (Skip to S 99 (Skip to S	
SDQ.	141.	In the past year, how many	y days have y		n? <i>M_NUMERIC</i>
		 Enter days Refused Don't Know		777 999	n_windsic
SDQ.150.		de of work have you ever be r tools or loud music for an a	•	least once a	
		Yes No Refused Don't Know	77	1 2 (Skip to S 7 (Skip to S 9 (Skip to S	DQ.160) DQ.160)
SDQ.	151.	Have you ever worn hearing noises? SDQ151 Yes		devices wher <i>YES_NO</i> 1	n exposed to these loud

No	2
Refused	777
Don't Know	999

SDQ.160. Did you listen to a personal music system (e.g., iPod, MP3, or CD) using earphones

during the past seven days? SDQ160 FM\_YES\_NO

Yes 1

 No
 2 (Skip to SDQ.270)

 Refused
 777 (Skip to SDQ.270)

 Don't Know
 999 (Skip to SDQ.270)

SDQ.161. Approximately how many hours did you spend listening to your system in the

past week? SDQ161 FMT\_NUMERIC

|\_\_\_|\_\_| (Skip to SDQ.270)

Enter hours

Refused 777 (Skip to SDQ.270)

Don't Know 999

SDQ.162. Did you listen...? [HAND CARD] SDQ162 FM\_SDQ162

Less than 1 hour	1
1 to 2 hours	2
2 to 4 hours	3
4 to 6 hours	4
6 to 8 hours	5
8 to 10 hours	6
More than 10 hours	7
Refused	777
Don't Know	999

#### **DENTAL**

SDQ.270. How would you describe the condition of your teeth? Would you say...?

Excellent	1	SDQ270	FMT_EVGGFP
Very Good	2		
Good	3		
Fair	4		
Poor	5		
Refused	777		
Don't Know	999		

SDQ.280. How often during the last 12 months have you had painful aching anywhere in your

mouth? Would you say...? [HAND CARD] SDQ280 FM SDQ280 FREQ

Very often	1
Fairly often	2
Occasionally	3
Hardly ever	4
Never	5
Refused	777
Don't Know	999

SDQ.290. How often during the last 12 months have you felt that life in general was less satisfying because of problems with your teeth, mouth or dentures? Would you say...? [HAND CARD] SDQ280 FM\_SDQ280\_FREQ

Very often	1
Fairly often	2
Occasionally	3
Hardly ever	4
Never	5
Refused	777
Don't Know	999

SDQ.300. How often during the last 12 months have you had difficulty doing your usual job or attending school because of problems with your teeth, mouth or dentures? Would you say...? [HAND CARD] SDQ300 FM SDQ280 FREQ

·,· [	
Very often	1
Fairly often	2
Occasionally	3
Hardly ever	4
Never	5
Not applicable (not in a job or attending school)	6
Refused	777
Don't Know	999

SDQ.310. How often during the last 12 months have you avoided particular foods or have you found it uncomfortable to eat any food because of problems with your teeth, mouth, or dentures? Would you say...? [HAND CARD]

SDQ310

FMT SDQ280 FREQ

Very Often	1
Fairly often	2
Occasionally	3
Hardly Ever	4
Never	5
Refused	777
Don't Know	999

SDQ.320. Have you lost any of your natural (adult, permanent) teeth? (Include wisdom teeth.)

Yes, but only my wisdom teeth 1 \$\mathcal{D0320}\$ FM\_\$\square\$D0320\_ Yes, other teeth beside or in

addition to wisdom teeth 2

 No
 3 (Skip to SDQ.330)

 Refused
 777 (Skip to SDQ.330)

 Don't Know
 999 (Skip to SDQ.330)

SDQ.321. How many of your natural teeth have you lost?

	D0321	FMT_NUMERIC	
Enter number	<i>7002</i> )	/ · · · _ / · · · · _ / · · · ·	
Refused	77		
Don't Know	99		

SDQ.322.

Did you lose your teeth because...? [ENTER ALL THAT

		SDQ.322. <b>APPLY]</b>	Did you lose	your teet	n because.	? [ENIER	ALL IHAI
		Cavition Gum An ac Wisdo Pulled	disease cident om tooth (teeth) I because of ov (Specify: ed	er crowd	•		
		5 response	SDQ322_A SDQ322_B SDQ322_C SDQ322_D SDQ322_E SDQ322_F SDQ322_OTHER	,	FM_SDQ32 FM_SDQ322 FM_SDQ322 FM_SDQ32 FM_SDQ32 FM_SDQ323	2 2 2 2 2	
SDQ.330.			ed any of your teth, had brace 1 2 777 999	s or had <i>\$00330</i> (Skip to (Skip to	a tooth hit a	and made loo <i>IES_NO</i> ) )	e the times when ose.
SDQ.	331.	Do you current Yes No Refused Don't Know	ntly have loose		<b>500331</b> 1 2 777 999	FMT_YES_NO	
SDQ.340.	Have y	you ever been Yes No Refused Don't Know	diagnosed by a		1	gum (periodo <i>1340 FM_Y</i> o SDQ.350) o SDQ.350) o SDQ.350)	•
SDQ.	341.	How old were    =   Enter age in y Refused Don't Know		were firs <i>\$00341</i> 77 99	•	ed with gum d <i>NUMERIC</i>	lisease?
SDQ.	342.	No Yes, v	er been treated vith frequent cl vith surgery	•		_	II that apply] 1 2 3
SHOW 4/15/00							

Yes, with other treatment	4
Refused	777
Don't Know	999

1" response SDQ342_A	FMT_SDQ342_
2" response SDQ342_B	FMT_SDQ342_
3 response SDQ342 C	FMT SD0342

# SDQ.350. Have you ever had any of the following? **[ENTER ALL THAT APPLY. HAND CARD]**

None	1
Braces	2
Bridge/false tooth (teeth)	3
Crown (cap)	4
Dental implant	5
Root canal	6
Denture	7
Refused	777
Don't Know	999

1 <sup>st</sup> response	SDQ350_A	FMT_SDQ350_
2 <sup>nd</sup> response	SDQ350_B	FMT_SDQ350_
3 <sup>rd</sup> response	SDQ350_C	FMT_SDQ350_
4 <sup>th</sup> response	SDQ350_D	FMT_SDQ350_
5 <sup>th</sup> response	SDQ350_E	FMT_SDQ350_
6th response	SDQ350_F	FMT_SDQ350

SDQ.360. During the past 12 months, was there a time when you needed dental care but did not get it at that time? SDQ360 FM VES NO

Yes 1

No 2 (End of Questionnaire)
Refused 777 (End of Questionnaire)
Don't Know 999 (End of Questionnaire)

SDQ.361. What were the reasons that you could not get the dental care you needed? [ENTER ALL THAT APPLY. HAND CARD]

Could not afford the cost 1 2 Did not want to spend the money Do not have insurance 3 4 Insurance did not cover recommended procedures Insurance only covers a portion of the cost 5 Dental office is too far away 6 7 Dental office is not open at convenient times Another dentist recommended not doing it 8 Afraid, or do not like dentists 9 Unable to take time off from work 10 Too busy 11 I did not think anything serious was wrong--expected dental problems to go away 12 The dentist would not accept my insurance 13 Other (Specify: \_\_\_ 14 Refused 777 Don't Know 999

SDQ361\_A FMT SDQ361 I<sup>st</sup> sesponse 2<sup>nd</sup> sesponse SDQ361\_B FMT\_SDQ361\_ FMT SDQ361 response SDQ361 C 4<sup>th</sup> sesponse SDQ361\_D FMT\_SDQ361\_ 5<sup>th</sup> response SDQ361\_E FMT\_SDQ361\_ 6<sup>th</sup> sesponse SDQ361 F FMT SDQ361 7<sup>th</sup> sesponse SDQ361 G FMT SDQ361 Ith response SDQ361 H FMT SDQ361 9th sesponse SDQ361\_1 FMT\_SDQ361\_ 10<sup>th</sup> sesponse SDQ361\_1 FMT\_SDQ361\_ 11th sesponse SDQ361 K FMT SDQ361 12th sesponse FMT\_SDQ361\_ SDQ361 L 13<sup>th</sup> sesponse SDQ361 M FMT SDQ361 14<sup>th</sup> sesponse SDQ361 N FMT SDQ361 Other response SDQ361 OTHER FMT CHAR

SDQ.362. Which of the following dental care or dental procedures did you need but did not get during the last 12 months? **[ENTER ALL THAT APPLY. HAND CARD]** 

Teeth cleaning	1
Teeth pulled	2
Cavities filled	3
Teeth replaced (crown, bridge, implant)	4
Dentures (plates made)	5
Braces	6
Gum (periodontal) treatment	7
Relief of pain (oral pain)	8
Other	9
None	10
Refused	77
Don't Know	99

1 <sup>st</sup> response	SDQ362_A	FMT_SDQ362_
2nd response	SDQ362_B	FMT_SDQ362_
3rd response	SDQ362_C	FMT_SDQ362_
4 <sup>th</sup> sesponse	SDQ362_D	FMT_SDQ362_
5 <sup>th</sup> sesponse	SDQ362_E	FM_SDQ362_
6th sesponse	SDQ362_F	FM_SDQ362_
th sesponse	SDQ362_G	FM_SDQ362_
8th response	SDQ362_H	FMT_SDQ362_
9th sesponse	SDQ362_1	FMT_SDQ362_
Other response	SDQ362_OTHER	FMT_CHAR

#### Reference questionnaire

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