

OCCUPATIONAL AND RECREATIONAL QUESTIONNAIRE

ID no. _____ - _____ - _____
Form Type O R 0 1

1. SUBJECT'S INITIALS: _____
2. DATE OF INTERVIEW: _____ - _____ - _____
Month Day Year
See Form 10 for Date of Interview and Reference Dates
- A. REFERENCE DATE: (COMPLETE PRIOR TO INTERVIEW) _____ - _____ - _____
Month Day Year
- B. REFERENCE PERIOD: (COMPLETE PRIOR TO INTERVIEW) (1) _____ - _____ - _____
Month Day Year
to
(2) _____ - _____ - _____
Month Day Year
3. WAS PARTICIPANT UNEMPLOYED WITH NO WORK EXPERIENCE OR DISABLED WITHOUT PREVIOUS WORK EXPERIENCE? (SEE FORM 11, QUESTION 3.) Yes No *unemploy*
(1) (2)

IF YES, GO TO QUESTION 80.
IF NO, CONTINUE WITH SCRIPT.

ACTIVITIES ON THE JOB

Now I would like to ask you some questions about specific job related activities. I will read slowly from a long list and ask you whether you have **ever** had a job — even if the job lasted less than six months and was before [reference period] — that involved any of the following activities. Please tell me if you have worked in any of them and if you worked on the job for more or less than one year. I will also be asking if the activity occurred during the reference period. As you think about this, please feel free to use the anchor dates we discussed to help you determine if the activity was near one of the special dates.

USE THE ANCHOR DATES TO ESTABLISH IF THE EVENT HAPPENED IN THE REFERENCE PERIOD. IF PARTICIPANT ANSWERS "NEVER", GO TO THE NEXT ACTIVITY.

ASK EACH ACTIVITY IN TURN AND PAUSE BRIEFLY. FOR EACH ACTIVITY, IF PATIENT DOESN'T ANSWER, CHECK NEVER AND GO TO THE NEXT ACTIVITY.

		A	A	A	B	B
			<u>Employment</u>		<u>More Than 1 Year</u>	<u>More Than 1 Year</u>
		Never	Ended Job Before Reference Period	Current Employment or Ended in the Reference Period	Yes	No
4.	Aircraft manufacturing	(1)	jobacm (2)	(3)	mt1acm (1)	(2)
5.	U.S. Army	(1)	jobusa (2)	(3)	mt1usa (1)	(2)
6.	U.S. Navy	(1)	jobusn (2)	(3)	mt1usn (1)	(2)
7.	U.S. Air Force	(1)	jobusaf (2)	(3)	mt1usaf (1)	(2)
8.	U.S. Marines	(1)	jtbi pm (2)	(3)	mt1ipm (1)	(2)
9.	Other branch of armed forces	(1)	jobobaf (2)	(3)	mt1baf (1)	(2)
10.	Nuclear worker	(1)	jobnw (2)	(3)	mt1nw (1)	(2)
11.	Animal laboratory worker	(1)	jobalw (2)	(3)	mt1alw (1)	(2)
12.	Assembling or fabricating	(1)	jobaof (2)	(3)	mt1aof (1)	(2)
13.	Auto or truck repair	(1)	jobaotr (2)	(3)	mt1aotr (1)	(2)
14.	Automotive manufacturing	(1)	jobam (2)	(3)	mt1am (1)	(2)
15.	Bank teller	(1)	jobbt (2)	(3)	mt1bt (1)	(2)
16.	Raising birds	(1)	jobrb (2)	(3)	mt1rb (1)	(2)
17.	Carpentry or woodworking	(1)	jobcoww (2)	(3)	mt1coww (1)	(2)
18.	Cashier	(1)	jobcash (2)	(3)	mt1cash (1)	(2)
19.	Child care worker (i.e., children under the age of 18)	(1)	jobccw (2)	(3)	mt1ccw (1)	(2)
20.	Cleaning private household, domestic worker (Do not include cleaning your own house.)	(1)	jobcph (2)	(3)	mt1cph (1)	(2)
21.	Clerical or office work	(1)	jobcoow (2)	(3)	mt1coow (1)	(2)

	A	A <u>Employment</u>	A	B <u>More Than 1 Year</u>	B <u>More Than 1 Year</u>
	Never	Ended Job Before Reference Period	Current Employment or Ended in the Reference Period	Yes	No
22. Construction		jobconst		mt1const	
	(1)	(2)	(3)	(1)	(2)
23. In a cork factory		jobiacf		mt1iacf	
	(1)	(2)	(3)	(1)	(2)
24. Demolition of buildings		jobdob		mt1dob	
	(1)	(2)	(3)	(1)	(2)
25. Cotton ginning		jobcgm		mt1cgm	
	(1)	(2)	(3)	(1)	(2)
26. Textile making or garment industry		jobtmogi		mt1tmogi	
	(1)	(2)	(3)	(1)	(2)
27. Data processor, typist;		jobdptcp		mt1dptcp	
	(1)	(2)	(3)	(1)	(2)
28. Electrical or electronic worker		jobeoew		mt1eoew	
	(1)	(2)	(3)	(1)	(2)
29. Farming, ranching, farm laborer (wage		jobfrfl		mt1frfl	
	(1)	(2)	(3)	(1)	(2)
30. Fire fighter		jobff		mt1ff	
	(1)	(2)	(3)	(1)	(2)
31. Flight attendant		jobfa		mt1fa	
	(1)	(2)	(3)	(1)	(2)
32. Forestry work		jobfw		mt1fw	
	(1)	(2)	(3)	(1)	(2)
33. In a sawmill		jobias		mt1ias	
	(1)	(2)	(3)	(1)	(2)
34. In a pulpmill		jobiap		mt1iap	
	(1)	(2)	(3)	(1)	(2)
35. Glass making		jobgm		mt1gm	
	(1)	(2)	(3)	(1)	(2)
36. Hairdressing or cosmetology		jobhoc		mt1hoc	
	(1)	(2)	(3)	(1)	(2)
37. House painting		jobhp		mt1hp	
	(1)	(2)	(3)	(1)	(2)
38. Commercial printing		jobcp		mt1cp	
	(1)	(2)	(3)	(1)	(2)
39. Jewelry making		jobjm		mt1jm	
	(1)	(2)	(3)	(1)	(2)
40. Laundry and Dry Cleaning		jobladc		mt1ladc	
	(1)	(2)	(3)	(1)	(2)

	A	A	A	B	B
		<u>Employment</u>		<u>More Than</u> <u>1 Year</u>	<u>More</u> <u>Than</u> <u>1 Year</u>
	Never	Ended Job Before Reference Period	Current Employment or Ended in the Reference Period	Yes	No
41. Machine operator, assembler or inspector		jobmoai		mt1moai	
	(1)	(2)	(3)	(1)	(2)
42. Meat packing		jobmp		mt1mp	
	(1)	(2)	(3)	(1)	(2)
43. Meat wrapping		jobmw		mt1mw	
	(1)	(2)	(3)	(1)	(2)
44. Any type of mining		jobatom		mt1atom	
	(1)	(2)	(3)	(1)	(2)
45. In a nursing home or long-term care facility		jobianh		mt1ianh	
	(1)	(2)	(3)	(1)	(2)
46. Nurses' aide		jobna		mt1na	
	(1)	(2)	(3)	(1)	(2)
47. Registered nurse or licensed practical nurse		jobrnlpn		mt1rnlpn	
	(1)	(2)	(3)	(1)	(2)
48. Hospital worker		jobhw		mt1hw	
	(1)	(2)	(3)	(1)	(2)
49. Medical technologist or medical technician		jobmtomt		mt1mtomt	
	(1)	(2)	(3)	(1)	(2)
50. Social worker/mental health worker		jobswmhw		mt1swmhw	
	(1)	(2)	(3)	(1)	(2)
51. Physician		jobphys		mt1phys	
	(1)	(2)	(3)	(1)	(2)
52. Dentist, dental product maker, or dental technician		jobddpm		mt1ddpm	
	(1)	(2)	(3)	(1)	(2)
53. Respiratory therapies		jobrt		mt1rt	
	(1)	(2)	(3)	(1)	(2)
54. A motor vehicle operator(truck, bus, car driver)		jobamvo		mt1amvo	
	(1)	(2)	(3)	(1)	(2)
55. In plant nursery or as a florist		jobipnof		mt1ipnof	
	(1)	(2)	(3)	(1)	(2)
56. Plastics manufacturing		jobipm		mt1ipm	
	(1)	(2)	(3)	(1)	(2)
57. Working with resins		jobwwr		mt1wwr	
	(1)	(2)	(3)	(1)	(2)
58. Polyurethane foam manufacturing		jobpfm		mt1pfm	
	(1)	(2)	(3)	(1)	(2)

	A	A	A	B	B
		<u>Employment</u>		<u>More Than</u>	<u>More</u>
	Never	Ended Job Before Reference Period	Current Employment or Ended in the Reference Period	<u>1 Year</u>	<u>Than</u>
				Yes	<u>1 Year</u>
					No
59. Postal worker		jobpw		mt1pw	
	(1)	(2)	(3)	(1)	(2)
60. Pottery making or ceramics		jobpmoc		mt1pmoc	
	(1)	(2)	(3)	(1)	(2)
61. Working in a quarry		jobwiaq		mt1wiaq	
	(1)	(2)	(3)	(1)	(2)
62. In a sales occupation		jobiaso		mt1iaso	
	(1)	(2)	(3)	(1)	(2)
63. Sandblasting		jobsb		mt1sb	
	(1)	(2)	(3)	(1)	(2)
64. Smelting in a foundry		jobsiaf		mt1siaf	
	(1)	(2)	(3)	(1)	(2)
65. Stone cutting or polishing		jobscop		mt1scop	
	(1)	(2)	(3)	(1)	(2)
66. Teacher (preschool and kindergarten)		jobtchpk		mt1tchpk	
	(1)	(2)	(3)	(1)	(2)
67. Teacher (elementary 1 through 6)		jobtche		mt1tche	
	(1)	(2)	(3)	(1)	(2)
68. Teacher (middle and secondary)		jobtchms		mt1tchms	
	(1)	(2)	(3)	(1)	(2)
69. Teacher (post-high school educator)		jobtchph		mt1tchph	
	(1)	(2)	(3)	(1)	(2)
70. Tunnel construction		jobtc		mt1tc	
	(1)	(2)	(3)	(1)	(2)
71. Veterinarian/veterinary work		jobvvw		mt1vvw	
	(1)	(2)	(3)	(1)	(2)
72. Waitress or waiter		jobwow		mt1wow	
	(1)	(2)	(3)	(1)	(2)
73. Food preparation		jobfp		mt1fp	
	(1)	(2)	(3)	(1)	(2)
74. Welding		jobweld		mt1weld	
	(1)	(2)	(3)	(1)	(2)
75. Rubber factory worker		jobrfw		mt1rfw	
	(1)	(2)	(3)	(1)	(2)
76. In a pet store		jobiaps		mt1iaps	
	(1)	(2)	(3)	(1)	(2)
77. In an occupation with radiation exposure		jobiowre		mt1iowre	
	(1)	(2)	(3)	(1)	(2)

TELL RESPONDENT "THIS IS THE END OF THE LIST."

78. In your office or indoor working environment, other than in the workplace bathrooms have you ever noticed any of the following conditions? **IF YES, DETERMINE IF IN REFERENCE PERIOD AND IF DURATION IS MORE THAN ONE YEAR.**

	A	A	A	B	B
		<u>Exposure</u>		<u>More Than 1 Year</u>	<u>More Than 1 Year</u>
	Never	Ended Job Before Reference Period	Current or Ended in the Reference Period	Yes	No
(1) High humidity	(1)	(2) envirhh	(3)	(1) mtohh	(2)
(2) Water damage to furnishings, ceiling, tiles, or carpets	(1)	(2) envirwd	(3)	(1) mtowd	(2)
(3) Obvious mold or mildew not in a bathroom	(1)	(2) enviromm	(3)	(1) mtoomm	(2)
(4) Musty or moldy odors	(1)	(2) envirmmo	(3)	(1) mtommo	(2)
79. Were you ever around any animals in your work?	(1)	(2) enviraaa	(3)	(1) mtosaaa	(2)

IF YES, DETERMINE IF IN REFERENCE PERIOD AND IF DURATION IS MORE THAN ONE YEAR, AND ANSWER ITEM C.

IF NO, GO TO QUESTION 80.

C. What types of animals?

- (1) _____
- (2) _____
- (3) _____
- (4) _____

ACTIVITIES NOT RELATED TO WORK

Now I want to ask about some activities that you may have been involved in which were not related to your work either at home or elsewhere. Once again, I am going to read slowly from a long list of activities. For each activity, please tell me whether you ever did the activity, whether you did it between [reference period start date] and [reference period end date] and whether you continued the activity for more or less than one year.

These are not questions about cumulative time spent in the activity; rather they are questions about the time intervals over which the case/control participated in the activity. If an activity is seasonal, count one season as a year (e.g., swimming for the summer is one year).

	A	A <u>Exposure</u>	A	B <u>More Than</u> <u>1 Year</u> Yes	B <u>More Than</u> <u>1 Year</u> No
	Never	Ended Job Before Reference Period	Current or Ended in the Reference Period		
80. Auto or truck repair	(1)	actaotr (2)	(3)	mtoaotr (1)	(2)
81. Raising or tending birds	(1)	actrotb (2)	(3)	mtorotb (1)	(2)
82. Carpentry or woodworking	(1)	actcoww (2)	(3)	mtocoww (1)	(2)
83. Child care or babysitting your own children	(1)	actccobs (2)	(3)	mtoccobs (1)	(2)
84. Regular home cleaning	(1)	actrhc (2)	(3)	mtorhc (1)	(2)
85. Exercising in a health club	(1)	acteiahc (2)	(3)	mtoeiahc (1)	(2)
86. Farming	(1)	actfarm (2)	(3)	mtofarm (1)	(2)
87. Ranching	(1)	actranch (2)	(3)	mtoranch (1)	(2)
88. Firefighting	(1)	actff (2)	(3)	mtoff (1)	(2)
89. Gardening	(1)	actgardn (2)	(3)	mtogardn (1)	(2)
90. Hairdressing or cosmetology	(1)	acthoc (2)	(3)	mtohoc (1)	(2)
91. Hospital or health care volunteer	(1)	acthohcv (2)	(3)	mtohohcv (1)	(2)
92. Jewelry making	(1)	actjm (2)	(3)	mtojm (1)	(2)
93. Leather working	(1)	actlw (2)	(3)	mtolw (1)	(2)
94. U.S. Army Reserves / National Guard	(1)	actusar (2)	(3)	mtousar (1)	(2)
95. U.S. Navy Reserves	(1)	actusnr (2)	(3)	mtousnr (1)	(2)

	A	A	A	B	B
		<u>Exposure</u>		<u>More Than</u> <u>1 Year</u>	<u>More</u> <u>Than</u> <u>1 Year</u>
	Never	Ended Job Before Reference Period	Current or Ended in the Reference Period	Yes	No
96. U.S. Air Force Reserves / National Guard		actusaf		mtousafr	
(1)	(1)	(2)	(3)	(1)	(2)
97. U.S. Marines Reserves		actusmr		mtousmr)
(1)	(1)	(2)	(3)	(1)	(2)
98. Other branch of armed forces reserves		actobafr		mtoobafr)
(1)	(1)	(2)	(3)	(1)	(2)
99. Pottery making (ceramics)		actpm		mtopm)
(1)	(1)	(2)	(3)	(1)	(2)
100. Painting pictures		actpp		mtopp)
(1)	(1)	(2)	(3)	(1)	(2)
101. Printing		actprint		mtoprint)
(1)	(1)	(2)	(3)	(1)	(2)
102. Spray painting automobiles or other		actspaov		mtospaov	
(1)	(1)	(2)	(3)	(1)	(2)
103. Spinning or weaving		actsow		mtosow	
(1)	(1)	(2)	(3)	(1)	(2)
104. Stone cutting or polishing		actscop		mtoscop	
(1)	(1)	(2)	(3)	(1)	(2)
105. Swimming in an indoor pool		actsiaip		mtosiaip	
(1)	(1)	(2)	(3)	(1)	(2)
106. Using a hot tub or whirlpool		actuhtow		mtouhtow	
(1)	(1)	(2)	(3)	(1)	(2)
107. Using a sauna		actuas		mtouas	
(1)	(1)	(2)	(3)	(1)	(2)
108. Welding		actweid		mtoweid	
(1)	(1)	(2)	(3)	(1)	(2)
109. Other exposure		actoe1		mtooe1	
Specify: _____	(1)	(2)	(3)	(1)	(2)
110. Other exposure		actoe2		mtooe2	
Specify: _____	(1)	(2)	(3)	(1)	(2)

1
FORM 12*
Occupational and Recreational Questionnaire

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
	REV	I(1)	Form revision
	NEWID	F(5.1)	Patient ID
3	UNEMPLOY	I(1)	Unemp/disabled with no exp. X=Censored
4a	JOBACM	I(1)	Job in aircraft manufacturing 1=Ever 2=Never
4b	MT1ACM	I(1)	> 1 yr in aircraft man. 1=Yes 2=No
5a	JOBUSA	I(1)	Job in US Army 1=Ever 2=Never
5b	MT1USA	I(1)	> 1 yr US Army 1=Yes 2=No
6a	JOBUSN	I(1)	Job in US Navy X=Censored
6b	MT1USN	I(1)	> 1 yr US Navy X=Censored
7a	JOBUSAF	I(1)	Job in US Air Force X=Censored
7b	MT1USAF	I(1)	> 1 yr US Air Force X=Censored
8a	JOBUSM	I(1)	Job in US Marines X=Censored
8b	MT1USM	I(1)	> 1 yr US Marines X=Censored
9a	JOBBAF	I(1)	Job in other armed forces X=Censored
9b	MT1OBAF	I(1)	> 1 yr other armed forces X=Censored
10a	JOBNW	I(1)	Job in nuclear work 1=Ever 2=Never
10b	MT1NW	I(1)	> 1 yr nuclear work 1=Yes 2=No
11a	JOBALW	I(1)	Job in animal lab 1=Ever 2=Never
11b	MT1ALW	I(1)	> 1 yr animal lab 1=Yes 2=No

*See Form 10 for Date of Interview and Reference Dates

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 FORM 12
 Occupational and Recreational Questionnaire
 (continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
12a	JOBAOF	1(1)	Job in assembling 1=Ever 2=Never
12b	MT1AOF	1(1)	> 1 yr assembling 1=Yes 2=No
13a	JOBAOTR	1(1)	Job in auto/truck repair 1=Ever 2=Never
13b	MT1AOTR	1(1)	> 1 yr auto/truck repair 1=Yes 2=No
14a	JOBAM	1(1)	Job in auto manufacturing 1=Ever 2=Never
14b	MT1AM	1(1)	> 1 yr auto manufacturing 1=Yes 2=No
15a	JOBBT	1(1)	Job in bank telling 1=Ever 2=Never
15b	MT1BT	1(1)	> 1 yr bank telling 1=Yes 2=No
16a	JOBRB	1(1)	Job in raising birds X=Censored
16b	MT1RB	1(1)	> 1 yr raising birds X=Censored
17a	JOBCOWW	1(1)	Job in carpentry 1=Ever 2=Never
17b	MT1COWW	1(1)	> 1 yr carpentry 1=Yes 2=No
18a	JOBCASH	1(1)	Job as cashier 1=Ever 2=Never
18b	MT1CASH	1(1)	> 1 yr cashier 1=Yes 2=No
19a	JOBCCW	1(1)	Job in child care work 1=Ever 2=Never
19b	MT1CCW	1(1)	> 1 yr child care work 1=Yes 2=No
20a	JOBCPH	1(1)	Job as domestic worker 1=Ever 2=Never

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 FORM 12
 Occupational and Recreational Questionnaire
 (continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
20b	MT1CPH	I(1)	> 1 yr domestic worker 1=Yes 2=No
21a	JOBCOOW	I(1)	Job in clerical/office work 1=Ever 2=Never
21b	MT1COOW	I(1)	> 1 yr clerical/office work 1=Yes 2=No
22a	JOBCONST	I(1)	Job in construction 1=Ever 2=Never
22b	MT1CONST	I(1)	> 1 yr construction 1=Yes 2=No
23a	JOBIACF	I(1)	Job in cork factory X=Censored
23b	MT1IACF	I(1)	> 1 yr cork factory X=Censored
24a	JOBDOB	I(1)	Job in bldg demolition 1=Ever 2=Never
24b	MT1DOB	I(1)	> 1 yr bldg demolition 1=Yes 2=No
25a	JOBCG	I(1)	Job in cotton ginning X=Censored
25b	MT1CG	I(1)	> 1 yr cotton ginning X=Censored
26a	JOBTMOGI	I(1)	Job in textiles/garments 1=Ever 2=Never
26b	MT1TMOGI	I(1)	> 1 yr textiles/garments 1=Yes 2=No
27a	JOBPTCP	I(1)	Job as DP, typist, programmer 1=Ever 2=Never
27b	MT1DPTCP	I(1)	> 1 yr DP, typist, programmer 1=Yes 2=No
28a	JOBEOEW	I(1)	Job in electric/electronics 1=Ever 2=Never
28b	MT1EOEW	I(1)	> 1 yr electric/electronics 1=Yes 2=No

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 FORM 12
 Occupational and Recreational Questionnaire
 (continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
29a	JOBFRFL	I(1)	Job in farming/ranching 1=Ever 2=Never
29b	MT1FRFL	I(1)	> 1 yr farming/ranching 1=Yes 2=No
30a	JOBFF	I(1)	Job in fire fighting X=Censored
30b	MT1FF	I(1)	> 1 yr fire fighting X=Censored
31a	JOBFA	I(1)	Job as flight attendant X=Censored
31b	MT1FA	I(1)	> 1 yr flight attendant X=Censored
32a	JOBFW	I(1)	Job in forestry work X=Censored
32b	MT1FW	I(1)	> 1 yr forestry work X=Censored
33a	JOBIAS	I(1)	Job in a sawmill X=Censored
33b	MT1IAS	I(1)	> 1 yr in a sawmill X=Censored
34a	JOBAP	I(1)	Job in a pulpmill X=Censored
34b	MT1AP	I(1)	> 1 yr in a pulpmill X=Censored
35a	JOBGM	I(1)	Job in glass making X=Censored
35b	MT1GM	I(1)	> 1 yr glass making X=Censored
36a	JOBHOC	I(1)	Job in hairdressing 1=Ever 2=Never
36b	MT1HOC	I(1)	> 1 yr hairdressing 1=Yes 2=No
37a	JOBHP	I(1)	Job in house painting 1=Ever 2=Never

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
37b	MT1HP	I(1)	> 1 yr house painting 1=Yes 2=No
38a	JOBCP	I(1)	Job in commercial printing X=Censored
38b	MT1CP	I(1)	> 1 yr commercial printing X=Censored
39a	JOBJM	I(1)	Job in jewelry making X=Censored
39b	MT1JM	I(1)	> 1 yr jewelry making X=Censored
40a	JOBLADC	I(1)	Job in laundry/dry cleaning 1=Ever 2=Never
40b	MT1LADC	I(1)	> 1 yr laundry/dry cleaning 1=Yes 2=No
41a	JOBMOAOI	I(1)	Job as machine operator 1=Ever 2=Never
41b	MT1MOAOI	I(1)	> 1 yr machine operator 1=Yes 2=No
42a	JOBMP	I(1)	Job in meat packing X=Censored
42b	MT1MP	I(1)	> 1 yr meat packing X=Censored
43a	JOBMW	I(1)	Job in meat wrapping X=Censored
43b	MT1MW	I(1)	> 1 yr meat wrapping X=Censored
44a	JOBATOM	I(1)	Job in any type of mining X=Censored
44b	MT1ATOM	I(1)	> 1 yr any type of mining X=Censored
45a	JOBIANH	I(1)	Job in nursing home/LTC 1=Ever 2=Never
45b	MT1IANH	I(1)	> 1 yr nursing home/LTC 1=Yes 2=No

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
46a	JOBNA	1(1)	Job as nurses aide 1=Ever 2=Never
46b	MT1NA	1(1)	> 1 yr nurses aide 1=Yes 2=No
47a	JOBRNLPN	1(1)	Job as RN or LPN 1=Ever 2=Never
47b	MT1NLPN	1(1)	> 1 yr RN or LPN 1=Yes 2=No
48a	JOBHW	1(1)	Job as hospital worker 1=Ever 2=Never
48b	MT1HW	1(1)	> 1 yr hospital worker 1=Yes 2=No
49a	JOBMTOMT	1(1)	Job as medical technologist 1=Ever 2=Never
49b	MT1MTOMT	1(1)	> 1 yr medical technologist 1=Yes 2=No
50a	JOBSWMHW	1(1)	Job as social/MH worker 1=Ever 2=Never
50b	MT1SWMHW	1(1)	> 1 yr social/MH worker 1=Yes 2=No
51a	JOBPHYS	1(1)	Job as physician X=Censored
51b	MT1PHYS	1(1)	> 1 yr physician X=Censored
52a	JOBDDPM	1(1)	Job in dental work X=Censored
52b	MT1DDPM	1(1)	> 1 yr dental work X=Censored
53a	JOBRT	1(1)	Job in respiratory therapies X=Censored
53b	MT1RT	1(1)	> 1 yr respiratory therapies X=Censored
54a	JOBAMVO	1(1)	Job as motor vehicle operator 1=Ever 2=Never

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
54b	MT1AMVO	I(1)	> 1 yr motor vehicle operator 1=Yes 2=No
55a	JOBIPNOF	I(1)	Job as florist or in nursery 1=Ever 2=Never
55b	MT1IPNOF	I(1)	> 1 yr florist or in nursery 1=Yes 2=No
56a	JOBPM	I(1)	Job in plastics manufacturing 1=Ever 2=Never
56b	MT1PM	I(1)	> 1 yr plastics manufacturing 1=Yes 2=No
57a	JOBWWR	I(1)	Job working with resins 1=Ever 2=Never
57b	MT1WWR	I(1)	> 1 yr working with resins 1=Yes 2=No
58a	JOBPFM	I(1)	Job in polyurethane foam manufacturing X=Censored
58b	MT1PFM	I(1)	> 1 yr polyurethane foam manufacturing X=Censored
59a	JOBPW	I(1)	Job as postal worker 1=Ever 2=Never
59b	MT1PW	I(1)	> 1 yr postal worker 1=Yes 2=No
60a	JOBPMOC	I(1)	Job in pottery making/ceramics X=Censored
60b	MT1PMOC	I(1)	> 1 yr pottery making/ceramics X=Censored
61a	JOBWIAQ	I(1)	Job working in a quarry X=Censored
61b	MT1WIAQ	I(1)	> 1 yr working in a quarry X=Censored
62a	JOBIASO	I(1)	Job in sales 1=Ever 2=Never
62b	MT1IASO	I(1)	> 1 yr sales 1=Yes 2=No

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
63a	JOBSB	I(1)	Job in sandblasting X=Censored
63b	MT1SB	I(1)	> 1 yr sandblasting X=Censored
64a	JOBSIAF	I(1)	Job smelting in a foundry X=Censored
64b	MT1SIAF	I(1)	> 1 yr smelting in a foundry X=Censored
65a	JOBSCOP	I(1)	Job stone cutting/polishing X=Censored
65b	MT1SCOP	I(1)	> 1 yr stone cutting/polishing X=Censored
66a	JOBTCHPK	I(1)	Job as teacher, pre-K & K 1=Ever 2=Never
66b	MT1TCHPK	I(1)	> 1 yr teacher, pre-K & K 1=Yes 2=No
67a	JOBTCHE	I(1)	Job as teacher, Gr 1 - 6 1=Ever 2=Never
67b	MT1TCHE	I(1)	> 1 yr teacher, Gr 1 - 6 1=Yes 2=No
68a	JOBTCHMS	I(1)	Job as teacher, middle & high (secondary) 1=Ever 2=Never
68b	MT1TCHMS	I(1)	> 1 yr teacher, middle & high (secondary) 1=Yes 2=No
69a	JOBTCHPH	I(1)	Job as teacher, post high 1=Ever 2=Never
69b	MT1TCHPH	I(1)	> 1 yr teacher, post high 1=Yes 2=No
70a	JOBTC	I(1)	Job in tunnel construction X=Censored
70b	MT1TC	I(1)	> 1 yr tunnel construction X=Censored
71a	JOBVVW	I(1)	Job in veterinary work X=Censored

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
71b	MT1VWV	I(1)	> 1 yr veterinary work X=Censored
72a	JOBWOW	I(1)	Job as waiter/waitress 1=Ever 2=Never
72b	MT1WOW	I(1)	> 1 yr waiter/waitress 1=Yes 2=No
73a	JOBFP	I(1)	Job in food preparation 1=Ever 2=Never
73b	MT1FP	I(1)	> 1 yr food preparation 1=Yes 2=No
74a	JOBWELD	I(1)	Job in welding 1=Ever 2=Never
74b	MT1WELD	I(1)	> 1 yr welding 1=Yes 2=No
75a	JOBRFW	I(1)	Job in rubber factory X=Censored
75b	MT1RFW	I(1)	> 1 yr rubber factory X=Censored
76a	JOBIAPS	I(1)	Job in pet store X=Censored
76b	MT1IAPS	I(1)	> 1 yr pet store X=Censored
77a	JOBOWRE	I(1)	Job with radiation exposure 1=Ever 2=Never
77b	MTHOWRE	I(1)	> 1 yr radiation exposure 1=Yes 2=No
78a1	ENVIRHH	I(1)	Exposure to high humidity 1=Ever 2=Never
78b1	MTOHH	I(1)	> 1 yr high humidity 1=Yes 2=No
78a2	ENVIRWD	I(1)	Exposure to water damage 1=Ever 2=Never
78b2	MTOWD	I(1)	> 1 yr water damage 1=Yes 2=No

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
78a3	ENVIROMM	I(1)	Exposure to mold/mildew 1=Ever 2=Never
78b3	MTOOMM	I(1)	> 1 yr mold/mildew 1=Yes 2=No
78a4	ENVIRMMO	I(1)	Exposure to musty odors 1=Ever 2=Never
78b4	MTOMMO	I(1)	> 1 yr musty odors 1=Yes 2=No
79a1	ENVIRAAA	I(1)	Exposure to animals at work 1=Ever 2=Never
79b1	MTOAAA	I(1)	> 1 yr animals at work 1=Yes 2=No
80a	ACTAOTR	I(1)	Exposure to auto/truck repair 1=Ever 2=Never
80b	MTOAOTR	I(1)	> 1 yr auto/truck repair 1=Yes 2=No
81a	ACTROT B	I(1)	Exposure to birds 1=Ever 2=Never
81b	MTOROT B	I(1)	> 1 yr birds 1=Yes 2=No
82a	ACTCOWW	I(1)	Exposure to carpentry 1=Ever 2=Never
82b	MTOCOWW	I(1)	> 1 yr carpentry 1=Yes 2=No
83a	ACTCCOBS	I(1)	Exposure to childcare 1=Ever 2=Never
83b	MTOCCOBS	I(1)	> 1 yr childcare 1=Yes 2=No
84a	ACTRH C	I(1)	Exposure to home cleaning 1=Ever 2=Never
84b	MTORH C	I(1)	> 1 yr home cleaning 1=Yes 2=No
85a	ACTEIAH C	I(1)	Exposure to health clubs 1=Ever 2=Never

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
85b	MTOEIAHC	I(1)	> 1 yr health clubs 1=Yes 2=No
86a	ACTFARM	I(1)	Exposure to farming 1=Ever 2=Never
86b	MTOFARM	I(1)	> 1 yr farming 1=Yes 2=No
87a	ACTRANCH	I(1)	Exposure to ranching X=Censored
87b	MTORANCH	I(1)	> 1 yr ranching X=Censored
88a	ACTFF	I(1)	Exposure to firefighting X=Censored
88b	MTOFF	I(1)	> 1 yr firefighting X=Censored
89a	ACTGARDN	I(1)	Exposure to gardening 1=Ever 2=Never
89b	MTOGARDN	I(1)	> 1 yr gardening 1=Yes 2=No
90a	ACTHOC	I(1)	Exposure to hairdressing 1=Ever 2=Never
90b	MTOHOC	I(1)	> 1 yr hairdressing 1=Yes 2=No
91a	ACTHOHCV	I(1)	Exposure as hosp volunteer 1=Ever 2=Never
91b	MTOHOHCV	I(1)	> 1 yr hospital volunteer 1=Yes 2=No
92a	ACTJM	I(1)	Exposure to jewelry making X=Censored
92b	MTOJM	I(1)	> 1 yr jewelry making X=Censored
93a	ACTLW	I(1)	Exposure to leather working X=Censored
93b	MTOLW	I(1)	> 1 yr leather working X=Censored

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FORM 12
Occupational and Recreational Questionnaire
(continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
94a	ACTUSAR	I(1)	Exposure to Army reserves/NG X=Censored
94b	MTOUSAR	I(1)	> 1 yr Army reserves/NG X=Censored
95a	ACTUSNR	I(1)	Exposure to Navy reserves X=Censored
95b	MTOUSNR	I(1)	> 1 yr Navy reserves X=Censored
96a	ACTUSAFR	I(1)	Exposure to AF reserves X=Censored
96b	MTOUSAFR	I(1)	> 1 yr Air Force reserves X=Censored
97a	ACTUSMR	I(1)	Exposure to Marine reserves X=Censored
97b	MTOUSMR	I(1)	> 1 yr Marine reserves X=Censored
98a	ACTOBAFR	I(1)	Exposure to other reserves X=Censored
98b	MTOOBAFR	I(1)	> 1 yr other reserves X=Censored
99a	ACTPM	I(1)	Exposure to pottery making 1=Ever 2=Never
99b	MTOPM	I(1)	> 1 yr pottery making 1=Yes 2=No
100a	ACTPP	I(1)	Exposure to painting pictures 1=Ever 2=Never
100b	MTOPP	I(1)	> 1 yr painting pictures 1=Yes 2=No
101a	ACTPRINT	I(1)	Exposure to printing 1=Ever 2=Never
101b	MTOPRINT	I(1)	> 1 yr printing 1=Yes 2=No
102a	ACTSPAOV	I(1)	Exposure to spray painting autos 1=Ever 2=Never

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 FORM 12
 Occupational and Recreational Questionnaire
 (continued)

<u>ITEM</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	<u>CODES OR UNITS</u>
102b	MTOSPAOV	I(1)	> 1 yr spray painting autos 1=Yes 2=No
103a	ACTSOW	I(1)	Exposure to spinning/weaving X=Censored
103b	MTOSOW	I(1)	> 1 yr spinning/weaving X=Censored
104a	ACTSCOP	I(1)	Exposure to stone cutting X=Censored
104b	MTOSOP	I(1)	> 1 yr stone cutting X=Censored
105a	ACTSIAIP	I(1)	Exposure to indoor pools 1=Ever 2=Never
105b	MTOSIAIP	I(1)	> 1 yr indoor pools 1=Yes 2=No
106a	ACTUHTOW	I(1)	Exposure to hot tubs 1=Ever 2=Never
106b	MTOUHTOW	I(1)	> 1 yr hot tubs 1=Yes 2=No
107a	ACTUAS	I(1)	Exposure to sauna 1=Ever 2=Never
107b	MTOUAS	I(1)	> 1 yr sauna 1=Yes 2=No
108a	ACTWEID	I(1)	Exposure to welding 1=Ever 2=Never
108b	MTOWEID	I(1)	> 1 yr welding 1=Yes 2=No
109a	ACTOE1	I(1)	Exposure to other 1 1=Ever 2=Never
109b	MTOOE1	I(1)	> 1 yr other 1 1=Yes 2=No
110a	ACTOE2	I(1)	Exposure to other 2 1=Ever 2=Never
110b	MTOOE2	I(1)	> 1 yr other 2 1=Yes 2=No