

National Human Exposure Assessment Survey (NHEXAS)

Arizona Study

Quality Systems and Implementation Plan for Human Exposure Assessment

The University of Arizona
Tucson, Arizona 85721

Cooperative Agreement CR 821560

Standard Operating Procedure

SOP-UA-D-18.0

Title: Cleaning: Baseline Questionnaires

Source: The University of Arizona

U.S. Environmental Protection Agency
Office of Research and Development
Human Exposure & Atmospheric Sciences Division
Human Exposure Research Branch

Notice: The U.S. Environmental Protection Agency (EPA), through its Office of Research and Development (ORD), partially funded and collaborated in the research described here. This protocol is part of the Quality Systems Implementation Plan (QSIP) that was reviewed by the EPA and approved for use in this demonstration/scoping study. Mention of trade names or commercial products does not constitute endorsement or recommendation by EPA for use.

Cleaning: Baseline Questionnaire

1.0 Purpose and Applicability

The purpose of this procedure is to define the particular steps involved in cleaning the electronic data generated from data entry of the Baseline Questionnaire. It applies to electronic data corresponding to the Baseline Questionnaire that was scanned and verified by the Data Staff for NHEXAS Arizona, the Border Study, or other Health and the Environment projects.

2.0 Definitions

- 2.1 **BORDER STUDY:** An alias for "Total Human Exposure Arizona: A Comparison of the Border Communities and the State" conducted in Arizona by the University of Arizona/Battelle/Illinois Institute of Technology consortium.
- 2.2 **DATA CLEANING:** The process of locating and correcting data processing and field technician errors. They can be individual level errors in the electronic and physical data, or they can be system level errors in the data collection, packaging, coding, entry, and cleaning procedures themselves. This process is also referred to as "data validation."
- 2.3 **DATA, ELECTRONIC:** Data stored on some type of magnetic or optical medium (for example: floppy disk, hard disk).
- 2.4 **DATA, ENTERED:** Electronic data scanned into a data file using Teleform scanning software. Entered data are the product of "data entry."
- 2.5 **DATA, VERIFIED:** Electronic data that has cleared through the Teleform Verification process. In the Verification process Teleform reviews all of the entered data and displays any possible errors. These potential errors are reviewed by a Data Technician. Once all of the errors are fixed the data is saved to an ASCII file.
- 2.6 **DATA CLEANING BATCH:** A collection of electronic data, along with their corresponding physical forms. Data cleaning batches are formed after one or more data processing batches (see DATA PROCESSING BATCH below) are scanned. The data cleaning batches are then cleaned (see DATA CLEANING) and appended to the master database (as described in UA-D-44.X). Each data cleaning batch is assigned a numeric descriptor of the form MMDDYY, where MM is the month the batch was created, DD is the day the batch was created, and YY is the year the batch was created. If more than one batch is created on the same day, each batch after the first is assigned a descriptor of the form MMDDYY_N, where N denotes the batch as being the Nth batch created that day.
- 2.7 **HEALTH AND ENVIRONMENT PROJECTS (or H&E):** An umbrella title for all projects funded to M.D. Lebowitz and/or M.K. O'Rourke (or their designees) which

examine purported or real relationships among environmental factors and any aspect of human health.

- 2.8 HRP SITE: The Health Related Professions building, located at 1435 North Fremont Avenue; Tucson, AZ 85719. This is an annex of the Arizona Prevention Center and the primary site of NHEXAS Arizona, the Border Study, or other Health and the Environment projects.
- 2.9 MASS DATA MASSAGE PROCESS (or MDM) = The data processing program used by NHEXAS Arizona, the Border Study, and other Health and Environment projects.
- 2.10 NHEXAS Arizona: Acronym for National Human EXposure Assessment Survey, a research project conducted in Arizona by the University of Arizona/Battelle/Illinois Institute of Technology consortium.

3.0 References

SOP UA-D-44.X (Operation Manual of the Mass Data Massage Program) (This Volume)

4.0 Discussion

A copy of the Baseline Questionnaire is given in Appendix A. This copy has each variable labeled for easy reference. Questionnaires and Forms are reviewed for completeness and accuracy prior to being transferred to the data section of the project. These checks are designed to generate flawless forms and questionnaires prior to data entry. Once entered and verified the data is subject to logic checks through the application of Dictionaries and other projects. A copy of the Dictionary for the Baseline Questionnaire is given in Appendix B. This dictionary defines the file structure for the Baseline database, as well as the logic and range checks that are performed on each field. For further reference, see SOP# UA-D-4.X.

Sometimes despite all best efforts, errors are found in data. These errors must be corrected to produce a valid database. At this time, all anticipated problems have been addressed. "Cleaning" protocols are developed concurrently with data entry to address the unanticipated problems. Specific corrections will be documented as outlined in SOP # UA-D-38.X.

5.0 Responsibilities

The Project Data Coordinator is responsible for writing the data cleaning instructions for the Baseline Questionnaire when data problems are found during the data entry process.

6.0 Materials and Reagents

6.1 Local Area Network

- 6.2 Purple Pen
- 6.3 Copy of Data Dictionary for specific form.

7.0 Procedure

7.1 Steps Followed

I. Data Technicians

A. Entering data

1. Scan and verify the form as described in UA-D-34.X.

B. Cleaning Data

1. Log into UNIX environment.
2. Type "data" to run the Data Cleaning program.
3. Select form type:
 - a. The user will enter "3" for Questionnaires
 - b. The MDM will then prompt the user for a specific questionnaire. The user will then enter "2" for Baseline Qx.
4. The *MDM* will prompt the user for an action. The user then selects an operation from a given list. Operations include:
 - a. Create a new batch
 - b. Clean existing batch
 - c. QA an existing batch
 - d. [Examine Descriptive Master Database]
5. If the user will select the Clean existing batch option:
 - a. The *MDM* will list all possible batches to clean.
 - b. If there are no batches, the program will inform the user, and prompt the user to press the <enter> key, which will return the user to the previous menu.
 - c. If there are batches to be cleaned, the user will be prompted for a specific batch.
 - d. Once a batch is selected, it is preprocessed (checking for errors) for cleaning, and the user is given information regarding the status of the preprocessing.
 - e. If no errors are found within in the data, the *MDM* will send mail to the Data Coordinator informing him of the newly cleaned batch.
 - f. If errors are found in the data, the user is informed as to the number of errors found within the batch.

- i. For each error found in the batch, the user will be shown the key variables to locate the record containing the error, which is displayed between dashed lines.
 - ii. The user is then prompted for an action, the action being either the changing the erroneous value, the skipping of the error, a manual change to a different variable in the current record, a manual change to any variable in any record, or the user may quit.
- g. If the user wishes to change the erroneous value:
- i. Then "C" must be entered.
 - ii. The variable name is then displayed, and the *MDM* prompts for a new value.
 - iii. Once a new value is given, the user is given the option to accept the value given, to accept a value formatted by the *MDM*, or to abort the operation.
 - iv. If the operation is not aborted, the user is prompted for a reason for the change. Once a reason is given, the update is completed.
- h. If the user wishes to skip the error:
- i. He/she must enter "S".
 - ii. This will cause the *MDM* to skip the current error, but not the current record.
- i. If the user wishes to change the value of a different variable in the current record:
- i. He/she must enter "M".
 - ii. The user will then be prompted for the number of changes to be made.
 - iii. Once this number is entered, the *MDM* will then prompt for the variable to be changed.
 - iv. Once a valid variable is specified, the user is prompted for the new value.
 - v. Once a new value is given, the user is given the following options:
 - aa. Accept the value given
 - bb. Accept a value formatted by the *MDM*
 - cc. Abort the operation.
- vi. If the operation is not aborted, the user is prompted for a

reason for the change. Once a reason is given, the update is completed.

- j. If the user wishes to change the value of a variable in a different record:
 - i. He/she must enter "R".
 - ii. The user will then be prompted for the number of changes to be made.
 - iii. Once this number is entered, the *MDM* will then prompt for the key variable values of the record to be modified.
 - iv. Once valid values are given, the *MDM* prompts the user for the variable to be changed.
 - v. Once a valid variable is specified, the user is prompted for the new value.
 - vi. Once a new value is given, the user is given the following options:
 - aa. Accept the value given
 - bb. Accept a value formatted by the *MDM*,
 - cc. Abort the operation.
 - vii. If the operation is not aborted, the user is prompted for a reason for the change.
 - viii. Once a reason is given, the update is completed.
- k. If the user wishes to quit, he/she must hit the "Q" key. The user is then returned to the menu defined in I.B.4.

7.2 Steps that are unique to the Baseline Questionnaire.

- 7.2.1 If the household was both a "Stage One" and a "non-complete Stage 3", then the stage is changed to "One".
- 7.2.2 In the case of a refused form or a not-completed form the variable for Administration Method (Admnmeth) is changed to "other".
- 7.2.3 If IRN 01 only fills out pages 1-16, then the Form's status (Formstat) is "Partially Complete". If any IRN besides 01 fills out pages 1-16, the Form's Status is "Complete". This is because only IRN 01 fills out pages 17-27.
- 7.2.4 On question #21, If the subject was told that they had the particular condition by a doctor or nurse, they should indicate the age at which they were diagnosed. If the subject was **not** told that they have the condition by a doctor or nurse, then they should **not** indicate the age at which they were diagnosed.
- 7.2.5 If the respondent has a heater but does not use it, the heater start and stop months are coded as missing.
- 7.2.6 If the respondent is less than six years old, it is possible that he/she could be in school and a daycare. Thus it is acceptable for respondent under the age of six

- to answer 17b. and 18.
- 7.2.7 A typo in question 17a. made it impossible to answer question 18. Thus the correct wording for 17a answer "No" is GOTO Question 18.

8.0 Records

- 8.1 All records are automatically generated by the *MDM*.
- 8.2 Records of all the forms in a cleaning batch are printed out when the batch is created. This list is then attached to the cleaning batch.
- 8.3 Records of the changes made to the data are located in the following directory tarred with their associated batch: /rsc53/NHEXAZdata/master/qx/bqx/data.
- 8.4 Records of the cleaning batches that have been appended to the master data base are located in the following directory: /rsc53/NHEXAZdata/master/qx/bqx. The list is kept in the file "read.me".
- 8.5 All changes to the hard copy of the form must be dated and completed in purple or red ink.

Inclusions:

- Appendix A: Baseline Questionnaire (27 pages)
Appendix B: Baseline Dictionary (109 pages)

Appendix A: Baseline Questionnaire

HHID	F.S.	IRN #
[10 boxes]	[1 box]	[2 boxes]

HHID HHIDFS IRN

ADULT BASELINE QUESTIONNAIRE

National Human Exposure Assessment Survey

FIRST Name (ONLY): *Ename*

Event date
Date of Completion:

[1 box] / [1 box] / [1 box]
MO DAY YR

INSTRUCTIONS

- Please use the **black, felt tip pen** provided in the notebook when you complete this questionnaire.
- Please follow the special guidelines typed in ***bold italics***. They tell you to either **Continue** to the question below, or to **GO TO** a given question.
- Please answer questions printed on a **white background** only. **Shaded areas** are for office use only.
- Multiple Choice Questions:** Please fill in the appropriate bubble(s) (○) that appear to the left of each response.

For example: How old is the puppy? **Fill in ONE bubble.** 1 week 2 weeks 3 weeks

Please shade bubbles like this: and **not** like this:

- Open Ended Questions:** Please write your answer on the line(s) or in the box(es) provided. Please write your numbers in the boxes using a block style without touching the sides of the boxes.

For example:

0 1 2 3 4 5 6 7 8 9

For example: How old is the puppy? week(s)

- If You Make a Mistake:** For multiple choice, cross out the incorrect answer(s). For open-ended questions, cross out the incorrect value(s) and write the correct value(s) above or beside the boxes.

For example: How old is the puppy? **Fill in ONE bubble.** 1 week 2 weeks 3 weeks

For example: How old is the puppy? week(s)

- If you wish to not answer a question, then please draw a line through it, *but not through the answer space*.

For example: How old is the puppy? week(s)

All data gathered in this questionnaire is kept strictly confidential. *Thank you for your time and support!*

Public reporting burden for this collection of information is estimated to average 30 minutes per response, and to require 0 hours of recordkeeping. This includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503. OMB Clearance #: 2800-0053 Expires: 07/31/98

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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June 1997

Page 2

Study Participants: Please begin on page 3 (next page).

PAGE 2

Adult Baseline

DESIGNATED PARTICIPANT

If the participant is LESS THAN 10 YEARS OLD, what is the first name of the individual who is providing the answers for the designated respondent?

FIRST Name (ONLY): _____

Gfname

IRN #: G-IRN

What is the relationship of this individual to the person for whom the responses are provided?

Fill in ONE bubble.

- 1. Self
 - 2. Guardian
 - 3. Other (Specify): _____

QC
 X's.R
 Y's.N
 Z's.M

- QC
- 5.R
- 8.N
- 9.M

- 55.R O Relat. Code
- 88.N []
- 99.M []

Comments:-

Chain of Custody initiated _____ Consigned to packet on []: / / Box UA-G-4-2.0

OFFICE USE ONLY

Form Type: 0 3	Study: NHEXAS Border 3. 4. 5.	Stage: Stage #: <input type="text"/> Y N 8 <input type="radio"/> <input type="radio"/> <input type="radio"/>	Collapsed? Admin Method: Tech Self Guardian Other	Admin by: Tech ID <input type="text"/> <input type="text"/>
temprum				Tech ID <input type="text"/> <input type="text"/>
NHEXAS Form ID: UA-T-1.04.0				
Form stat: 1.Cmp 2.N Cmp 3.P Cmp 4.Re-col 5.Ref 7.Dest 8.N/A 9.Miss	QC BY Tech ID Init. <input type="text"/> <input type="text"/> / <input type="text"/> / <input type="text"/> QA BY Tech ID Init. <input type="text"/> <input type="text"/> / <input type="text"/> / <input type="text"/>	QC DATE MO DAY YR <input type="text"/> <input type="text"/> / <input type="text"/> / <input type="text"/>	DE BY Tech ID Init. <input type="text"/> <input type="text"/> / <input type="text"/> / <input type="text"/> DEDATE MO DAY YR <input type="text"/> <input type="text"/> / <input type="text"/> / <input type="text"/>	DP Batch: QXV: Q B L A 1 DPBATH
Form Status:				

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HHID: PS: IRN:

DEMOGRAPHICS

PAGE 3

Adult Baseline

These first questions ask about you. *Remind parent or guardian to respond for the child.*

1. What is the highest level of school you have completed? *Read choices and fill in ONE bubble. If currently enrolled, mark the level of previous grade attended or highest degree received.*

- 1. No school completed or Kindergarten only
- 2. Primary or middle school (Grade 1 - 8)
- 3. Some high school (Grade 9 - 11)
- 4. High school graduate (Grade 12 or GED)
- 5. Some college or technical school
- 6. College graduate
- 7. Some post college

Educat

OFFICE USE ONLY

- 55.R
- 88.N
- 99.M

- 55.R
- 88.N
- 99.M

- QC 55/55/55.R
- 88/88/88.N
- 99/99/99.M

- QC -5.R
- 8.N
- 9.M

- QC -55.R
- 88.N
- 99.M

- 55.R
- 88.N
- 99.M

- 55.R
- 88.N
- 99.M

- 55.R
- 88.N
- 99.M

2. Fill in bubble for sex of participant.

- 1. Male Sex
- 2. Female

3. What is your date of birth? / / DOB

MO / DAY / YR

4. How tall are you without shoes? ft. inches

Height ft Height in

5. How much do you weigh? pounds

Weight

Ask questions 6a - 6c and 7a - 7d only if respondent is 10 YEARS OLD OR MORE. Please fill the appropriate bubble for age group (below) and follow the given instructions.

GT - 10 yrs

- 1. Respondent is 10 YEARS OR OLDER Continue below
- 2. Respondent is LESS THAN 10 YEARS GO TO Question # 8 (page 5)

6 a. Do you currently smoke tobacco products or use smokeless tobacco products? Fill in ONE bubble.

Smok - now

- 1. Yes GO TO Question # 7 a (next page)
- 2. No Continue below
- 3. Don't Know Continue below

6 b. Have you ever smoked tobacco products or used smokeless tobacco products? Fill in ONE bubble.

Smok - evr

- 1. Yes Continue (next page)
- 2. No GO TO Question # 8 (page 5)
- 3. Don't know GO TO Question # 8 (page 5)

Data Use
Only:

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
<input type="radio"/>																			

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PAGE 4

6 c. How long ago did you stop using tobacco products? *Enter number.*

--	--	--

- day(s) ago
- week(s) ago
- month(s) ago
- year(s) ago

GO TO Question # 8 (next page)

Smok - stp

Smksunit

7 a. On average, how many *cigarettes* do you smoke *per day*? *Read choices and fill in ONE bubble.*

- 1. None
- 2. Less than half of a pack
- 3. A half of a pack or more, but less than 1 pack
- 4. 1 pack or more, but less than 1 and a half packs
- 5. 1 and a half packs or more, but less than 2 packs
- 6. 2 or more packs
- 7. Occasional (social smoker)
- 8. Don't know

Cigt - num

7 b. On average, how many *cigars* do you smoke *per day*? *Enter number.*

--	--

Cigarnum

cigar(s) per day

7 c. On average, how many *pipesful of tobacco* do you smoke *per day*? *Enter number.*

--	--

Pipesful

pipesful per day

7 d. On average, how many times *per day* do you use *smokeless tobacco products*? *Enter number.*

--	--

Smokless

smokeless tobacco product(s) per day

Comments:

Adult Baseline
OFFICE USE ONLY

- QC
- 55.R
- 55.R
- 88.N
- 88.N
- 99.M
- 99.M

- 55.R
- 88.N
- 99.M

- QC
- 5.R
- 8.N
- 9.M

- QC
- 5.R
- 8.N
- 9.M

- QC
- 5.R
- 8.N
- 9.M

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HHID: FS: IRN:

PERSONAL EXPOSURE ACTIVITIES

PAGE 5

Adult Baseline

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These next few questions are about things that happen at your home, on the job, or in school, and food you eat that might put you in touch with the chemicals we are studying. Some of these questions ask about different periods of time. Some ask about the *past month*, some ask about the *past 3 months*, and some ask about the *past 6 months*. In order to help make these time periods clear, please think about something you did or which happened to you about *1 month ago*, *3 months ago*, and *six months ago*. For example, finished school, got married, had a baby. Please tell me what each event was so that I can use them later.

Record events here and use as needed during the interview.

1 Month Event: _____

3 Month Event: _____

6 Month Event: _____

8. On average for the *past month*, how many (hours/minutes) *per week* did you spend ... ?
If less than 1 hour, round to the nearest quarter hour; if less than 10 hours, round to the nearest 10 hours; for example: 10, 20, 30, 40, 50 hours. Enter number and fill in ONE bubble for minutes or hours.

(Note: "Someone" does not include yourself.)

- a. Inside your home with someone who was smoking tobacco?

Homsmok

--	--	--

minute(s)
hour(s)

Homunits

QC
55.R -55.R
88.N -88.N
99.M -99.M

- b. At work with someone who was smoking tobacco?

Worksmok

--	--	--

minute(s)
hour(s)

Wrksunit

QC
55.R -55.R
88.N -88.N
99.M -99.M

- c. In a car, bus, van, or other enclosed vehicle with someone who was smoking tobacco?

Vehismok

--	--	--

minute(s)
hour(s)

Vehsunit

QC
55.R -55.R
88.N -88.N
99.M -99.M

- d. In any other indoor or enclosed location with someone who was smoking tobacco?

Indrsmok

--	--	--

minute(s)
hour(s)

Indrunit

QC
55.R -55.R
88.N -88.N
99.M -99.M

- 9 a. During the *past month*, has anyone, including you, smoked inside your home? *Fill in ONE bubble.*

1. Yes Continue below
 2. No GO TO Question # 10 a (next page)
 3. Don't know GO TO Question # 10 a (next page)

INsd smok

55.R
88.N
99.M

- 9 b. During the *past month*, how many people, including visitors, smoked tobacco inside your home? *Enter number.*

--	--	--

person(s)

Peopsmok

QC
-55.R
-88.N
-99.M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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PAGE 6

Adult Baseline

OFFICE USE ONLY

- 55.R
 88.N
 99.M
-
-
-

10 a. On average for the *past month*, on how many days did you paint walls, furniture, cars, or other objects? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-3 days per month
- 3. 1-2 days per week
- 4. 3-6 days per week
- 5. Daily
- 6. Don't know

Paint

10 b. On average for the *past month*, on how many days did you use chemical paint strippers to remove paint? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-3 days per month
- 3. 1-2 days per week
- 4. 3-6 days per week
- 5. Daily
- 6. Don't know

Chem strp

10 c. On average for the *past month*, on how many days did you remove paint by other methods such as scraping, heat gun, or sanding? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-3 days per month
- 3. 1-2 days per week
- 4. 3-6 days per week
- 5. Daily
- 6. Don't know

Scraping

11 a. During the *past three months*, on how many days did you use lead solder to solder pipes, do electronic repairs, or join pieces of stained glass? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-2 days
- 3. 1-3 days per month
- 4. 1-2 days per week
- 5. 3-7 days per week
- 6. Don't know

Solder

11 b. During the *past three months*, on how many days did you use lead-based oil paint to paint pictures or jewelry? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-2 days
- 3. 1-3 days per month
- 4. 1-2 days per week
- 5. 3-7 days per week
- 6. Don't know

Oilpaint

- 55.R
 88.N
 99.M
-
-

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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HHID: FS: IRN:

PAGE 7

Adult Baseline

- 11 c. During the *past three months*, on how many days did you mold lead into fishing sinkers, bullets, or other objects? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-2 days
- 3. 1-3 days per month
- 4. 1-2 days per week
- 5. 3-7 days per week
- 6. Don't know

Moldlead

OFFICE USE ONLY

- 55.R
- 88.N
- 99.M

- 12 a. During the *past three months*, on how many days did you eat fresh fruits or vegetables grown at your home? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-2 days
- 3. 1-3 days per month
- 4. 1-2 days per week
- 5. 3-7 days per week
- 6. Don't know

Hom grown

- 55.R
- 88.N
- 99.M

- 12 b. During the *past three months*, on how many days did you eat canned or preserved fruits or vegetables that were grown at your home? *Read choices and fill in ONE bubble.*

- 1. Never
- 2. 1-2 days
- 3. 1-3 days per month
- 4. 1-2 days per week
- 5. 3-7 days per week
- 6. Don't know

Hom presv

- 55.R
- 88.N
- 99.M

13. Do you currently work full time or part time at any location away from your home? *Fill in ONE bubble. Include working for others, self-employed, and volunteer work. Include those who work out of a home office if they work part of the time away from home.*

- 1. Yes Continue below P-job
- 2. No GO TO Question # 17 a (page 12)

- 14 a. On average for the *past month*, how many hours *per week* did you work at your *primary job*? *Include weeks where time was taken off for vacation, sickness, etc. If less than 10 hours, round to the nearest 10 hours; for example: 10, 20, 30, 40, 50 hours.*

--	--	--

hours/week

P-job hrs

- QC
- 55.R
- 88.N
- 99.M

- i. On average, how many of these hours were spent working at home?

--	--	--

hours/week

P-hom hrs

- QC
- 55.R
- 88.N
- 99.M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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PAGE 8

Adult Baseline

- 14 b. What kind of business or industry is this? (For example, manufacturing, retail store, government, farm, school.)
-

- 14 c. What is your job title? (For example, electrical engineer, stock clerk, typist, farmer.)
-

- 14 d. What activities do you perform most often as part of your duties at that job? (For example, typing, keeping account books, filing, selling cars, operating printing press, finishing concrete.)
-
-
-

- 14 e. Do you wear protective clothing while at your primary job? *Fill in ONE bubble.*

1. Yes

Continue below

P-clothing

2. No

GO TO Question # 14 g (this page below)

- 14 f. Which types of protective clothing do you wear while at your primary job? *Read choices and fill in bubbles of ALL THAT APPLY.*

P-gloves 1. Gloves

P-overal 2. Overalls

P-overct 3. Overcoat (for example: lab coat; smock)

P-respir 4. Respirator

P-other 5. Other (Specify: _____)

P-clothk 6. Don't know

OFFICE USE ONLY

Busin. Code

P-busin

Job Code

P-jobtit

Duty 1 Code

P-duty 1

Duty 2 Code

P-duty 2

Duty 3 Code

P-duty 3

55.R

88.N

99.N

55.R *P-cloref*

88.N *P-Clona*

99.M *P-clomis*

Cloth. Code

P-clooth

55.R *P-dusref*

88.N *P-durna*

99.M *P-durmis*

Dust Code

P-dusoth

- 14 g. While at your primary job, do you come into contact at least once a week with? *Read choices and fill in bubbles of ALL THAT APPLY.*

P-sawdus 1. Saw dust

P-roadus 2. Road dust

P-fiberg 3. Fiberglass

P-silica 4. Silica (sand blasting)

P-mindus 5. Mine dust

P-surdus 6. Surface dust in office, classroom, store

P-othdus 7. Other known type of dust (Specify: _____)

P-dusdko 8. Unknown type of dust

P-no dus 9. No contact with dust

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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HHID: FS: IRN:

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Adult Baseline

14 h. While at your primary job, do you come into contact at least once a week with? *Read choices and fill in bubbles of ALL THAT APPLY.*

- P-weldin 1. Welding fumes
- P-solder 2. Solder or flux fumes
- P-plastic 3. Plastic fumes
- P-paint 4. Paint fumes (include varnish, shellac, etc.)
- P-gasoln 5. Gasoline or diesel fumes
- P-oth.fum 6. Other known type of fumes, smoke, gas, or vapors (Specify: _____)
- P-fumdk 7. Unknown type of fumes, smoke, gas, or vapors
- P-nofum 8. No contact with fumes, smoke, gas, or vapors

14 i. Do you come into contact with chemicals used to kill insects, rodents, or weeds at least once a week while at your primary job? *Fill in ONE bubble.*

- 1. Yes *Continue below* P-pestic
- 2. No *GO TO Question # 15 (this page below)*

14 j. If yes, with which types of chemicals do you come into contact while at your primary job? *Read choices and fill in bubbles of ALL THAT APPLY.*

- P-raid 1. Raid/Black Flag
- P-Insect 2. Insect Repellents
- P-chlorp 3. Chlorpyrifos, Dursban, Lorsban, Trichlorpyrphos, Pyrinex, Dowco 179, Brodan
- P-malatho 4. Malathion, Cythion, Chemathion, Malaspray, Zithiol
- P-diazin 5. Diazinon; D-100; D-500
- P-carbar 6. Carbaryl, Sevin, Tricarnas, UC 7744
- P-othter 7. Other known termiteicides (Specify: _____)
- P-othpes 8. Other known pesticides/insecticides (Specify: _____)
- P-atraz 9. Atrazine, Aatrex, Vectal SC, Atratol, Gesaprim, Primatol A
- P-other 10. Other known herbicides (Specify: _____)
- P-fungic 11. Fungicides
- P-pesdk 12. Unknown type of pesticide, insecticide, herbicide, or fungicide

15. Do you have a second job? *Fill in ONE bubble.*

- 1. Yes *Continue (next page)* S-job
- 2. No *GO TO Question # 17 a (page 12)*

OFFICE USE ONLY

- 55.R P-fumref
- 88.N P-fumna
- 99.M P-fummis

P-fummoth

- 55.R
- 88.N
- 99.M

- 55.R P-pesref
- 88.N P-pesna
- 99.M P-pesmis

P-pestot 1

P-pestot 2

P-pestot 3

- 55.R
- 88.N
- 99.M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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Adult Baseline

- 16 a. On average for the *past month*, how many hours *per week* did you work at your second job? *Include weeks where time was taken off for vacation, sickness, etc. If less than 10 hours, round to the nearest hour; if greater than 10 hours, round to the nearest 10 hours; for example: 10, 20, 30, 40, 50 hours.*

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hours/week

S-jobhrs

1. On average, how many of these hours were spent working at home?

--	--	--

hours/week

S-homhrs

- 16 b. What kind of business or industry is this? (For example, manufacturing, retail store, government, farm, school.)

- 16 c. What is your job title? (For example, electrical engineer, stock clerk, typist, farmer.)

- 16 d. What activities do you perform most often as part of your duties at that job? (For example, typing, keeping account books, filing, selling cars, operating printing press, finishing concrete.)

- 16 e. Do you wear protective clothing while at your second job? *Fill in ONE bubble.*

1. Yes *Continue below* S-cloth
 2. No *GO TO Question # 16 g (next page)*

OFFICE USE ONLY

- QC
 -55.R
 -88.N
 -99.M

- QC
 -55.R
 -88.N
 -99.M

Business Code

--	--

S-busin

Job Code

--	--

S-jobtit

Duty 1 Code

S-duty	1
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Duty 2 Code

S-duty	2
--------	---

Duty 3 Code

S-duty	3
--------	---

- 55.R
 88.N
 99.M

- 55.R S-cloref
 88.N S-clona
 99.M S-clomis
Code

--	--

S-cloth

- S-gloves 1. Gloves
 S-overal 2. Overalls
 S-overclo 3. Overcoat (for example: lab coat; smock)
 S-respir 4. Respirator
 S-othclo 5. Other (Specify: _____)
 S-cloak 6. Don't know

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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HHID: FS: IRN:

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Adult Baseline

16 g. While at your second job, do you come into contact at least once a week with? *Read choices and fill in bubbles of ALL THAT APPLY.*

- S-Sawdus 1. Saw dust
- S-roadus 2. Road dust
- S-fiberg 3. Fiberglass
- S-silica 4. Silica (sand blasting)
- S-mindus 5. Mine dust
- S-surdus 6. Surface dust in office, classroom, store
- S-othdus 7. Other known type of dust (Specify: _____)
- S-dusdk 8. Unknown type of dust
- S-nodus 9. No contact with dust

16 h. While at your second job, do you come into contact at least once a week with? *Read choices and fill in bubbles of ALL THAT APPLY.*

- S-weldin 1. Welding fumes
- S-solder 2. Solder or flux fumes
- S-plastic 3. Plastic fumes
- S-paint 4. Paint fumes (include varnish, shellac, etc.)
- S-gasoln 5. Gasoline or diesel fumes
- S-othfum 6. Other known type of fumes, smoke, gas, or vapors (Specify: _____)
- S-fumdk 7. Unknown type of fumes, smoke, gas, or vapors
- S-nofum 8. No contact with fumes, smoke, gas, or vapors

16 i. Do you come into contact with chemicals used to kill insects, rodents, or weeds at least once a week while at your second job? *Fill in ONE bubble.*

- 1. Yes *Continue below*
- 2. No *GO TO Question # 17 a (next page)*

16 j. If yes, with which types of chemicals do you come into contact while at your second job? *Read choices and fill in bubbles of ALL THAT APPLY.*

- S-raid 1. Raid/Black Flag
- S-insect 2. Insect Repellents
- S-chlorp 3. Chlorpyrifos, Dursban, Lorsban, Trichlorpyrphos, Pyrinex, Dowco 179, Brodan
- S-malath 4. Malathion, Cythion, Chemathion, Malaspray, Zithiol
- S-diazin 5. Diazinon; D-100; D-500
- S-carbar 6. Carbaryl, Sevin, Tricarnas, UC 7744
- S-othter 7. Other known termiticides (Specify: _____)
- S-othpes 8. Other known pesticides/insecticides (Specify: _____)
- S-atraz 9. Atrazine, Aatrex, Vectal SC, Atratol, Gesaprim, Primatol A
- S-othher 10. Other known herbicides (Specify: _____)
- S-fungic 11. Fungicides
- S-pesdk 12. Unknown type of pesticide, insecticide, herbicide, or fungicide

OFFICE USE ONLY

- 55.R S-dusref
- 88.N S-dusna
- 99.M S-dusmis

Dust Code

S-dusoth

- 55.R S-fumref
- 88.N S-fumna
- 99.M S-fummis

Fume Code

S-Fumoth

- 55.R
- 88.N
- 99.M

- 55.R S-pesref
- 88.N S-pesna
- 99.M S-pesmis

P. Code 1

S-pesot 1

P. Code 2

S-pesot 2

P. Code 3

S-pesot 3

Data Use Only:	<input type="radio"/>															
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Adult Baseline

OFFICE USE ONLY

- 55.R
 88.N
 99.M

- QC
 -5.R
 -8.N
 -9.M

- QC
 -55.R
 -88.N
 -99.M

- 55.R Away-ref
 88.N Away-na
 99.M Away-mis

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- 55.R Tran-ref
 88.N Tran-na
 99.M Tran-mis

tranmodo
Tran Code

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- 17 a. Do you attend classes as a student at any location away from your home? *Fill in ONE bubble. Include elementary and secondary schools, colleges and universities, business school, trade and vocational schools.*

1. Yes *Continue below*
 2. No *GO TO Question # 19 (this page below)*

School

- 17 b. On average for the *past month*, how many hours *per week* did you attend classes as a student? *Include weeks where time was taken off for vacation, sickness, etc. If less than 10 hours, round to the nearest hour; if greater than 10 hours, round to the nearest 10 hours; for example, 10, 20, 30, 40, 50 hours.*

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 hours/week *GO TO Question # 19 (this page below)*

Schoolhr

18. For children LESS THAN 6 YEARS of age, continue with Question # 18 a. Otherwise, *GO TO Question # 19.*

- a. *On average*, how many hours *per week* does (he/she) spend away from the home, for example, at daycare, in a preschool, or at a neighbor's house? *If less than 10 hours, round to the nearest hour; if greater than 10 hours, round to the nearest 10 hours; for example: 10, 20, 30, 40, 50 hours.*

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 hours/week *If ZERO, GO TO Question # 19 (this page below)*

Awaykid

- b. Where does (he/she) spend this time away from home? *Read choices and fill in bubbles of ALL THAT APPLY.*

Anothome 1. Another home

Daycare 2. Daycare center, nursery school, or preschool

othschol 3. Other school

Awayoth 4. Other (Specify: _____)

19. What methods of transportation did you use to go to work, school, or daycare in the *past six months?* *Read choices and fill in bubble of ALL THAT APPLY.*

Car 1. Car, truck, van, or taxi cab

Bus 2. Bus, trolley bus, or trolley car

Train 3. Train, subway or elevated train

Motorcycle 4. Motorcycle

Bicycle 5. Bicycle

Walk 6. Walk

Trans. oth 7. Other method (Specify: _____)

Data Use Only:	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>	7 <input type="radio"/>	8 <input type="radio"/>	9 <input type="radio"/>	A <input type="radio"/>	B <input type="radio"/>	C <input type="radio"/>	D <input type="radio"/>	E <input type="radio"/>	F <input type="radio"/>	G <input type="radio"/>	H <input type="radio"/>	I <input type="radio"/>	J <input type="radio"/>
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HHID: FS: IRN:

HEALTH STATUS**PAGE 13**

Adult Baseline

20. Overall, how would you describe your current health? *Read choices and fill in ONE bubble.*

1. Good 2. Fair 3. Poor

Health

21. Have you ever had any of the following? *Read choices and fill in ONE bubble for either YES or NO in COLUMN I. If YES, please ask questions in COLUMNS II - IV. If participant is uncertain, fill in the bubble for NO and continue with the next condition.*

a. Diabetes?

I	II	III	IV
Have you ever had this?	Were you told you had this by a doctor or nurse?	Do you have it now?	How old were you when the doctor or nurse first told you?
Diab-evr	Diab-doc	Diab-now	Diab-age
<input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> QC <input type="radio"/> -55.R <input type="radio"/> -88.N <input type="radio"/> -99.M

b. Neuromuscular disease, such as Polio, Multiple Sclerosis, Muscular Dystrophy?

I	II	III	IV
Neur-evr	Neur-doc	Neur-now	Neur-age
<input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> QC <input type="radio"/> -55.R <input type="radio"/> -88.N <input type="radio"/> -99.M

c. Asthma, allergies?

I	II	III	IV
Asth-evr	Asth-doc	Asth-now	Asth-age
<input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> QC <input type="radio"/> -55.R <input type="radio"/> -88.N <input type="radio"/> -99.M

d. Ulcer?

I	II	III	IV
Ulc-evr	Ulc-doc	Ulc-now	Ulc-age
<input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> QC <input type="radio"/> -55.R <input type="radio"/> -88.N <input type="radio"/> -99.M

e. Any disease of the esophagus?

I	II	III	IV
Esop-evr	Esop-doc	Esop-now	Esop-age
<input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	<input type="radio"/> QC <input type="radio"/> -55.R <input type="radio"/> -88.N <input type="radio"/> -99.M

OFFICE USE ONLY

R N M
 55 88 99

QC
 -55.R
 -88.N
 -99.M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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Adult Baseline

OFFICE USE ONLY

21. (Continued) Have you ever had any of the following?

f. Gastritis?	I <div style="border: 1px solid black; padding: 5px; width: 150px; height: 40px;">Have you ever had this?</div> Gast-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	II <div style="border: 1px solid black; padding: 5px; width: 150px; height: 40px;">Were you told you had this by a doctor or nurse?</div> Gast-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	III <div style="border: 1px solid black; padding: 5px; width: 150px; height: 40px;">Do you have it now?</div> Gast-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	IV <div style="border: 1px solid black; padding: 5px; width: 150px; height: 40px;">How old were you when the doctor or nurse first told you?</div> Gast-age <input type="radio"/> Yes → yrs <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M
g. FREQUENT indigestion?	Indi-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Indi-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Indi-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Indi-age <input type="radio"/> Yes → yrs <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M
h. Any other stomach trouble?	Stom-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Stom-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Stom-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Stom-age <input type="radio"/> Yes → yrs <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M
<i>If YES, please specify:</i>				
i. Enteritis?	Entr-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Entr-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Entr-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Entr-age <input type="radio"/> Yes → yrs <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M
j. Diverticulitis?	Divr-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Divr-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Divr-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Divr-age <input type="radio"/> Yes → yrs <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M
k. Colitis?	Coli-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Coli-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Coli-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Coli-age <input type="radio"/> Yes → yrs <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
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HHID: FS: IRN:

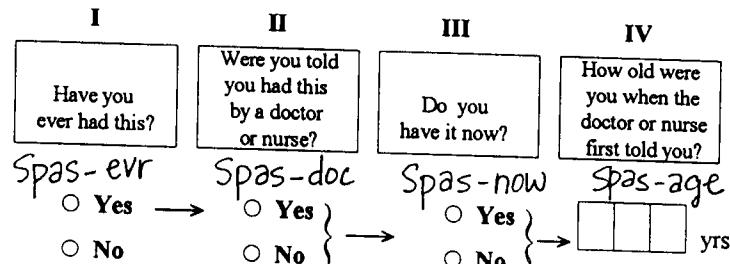
PAGE 15

Adult Baseline

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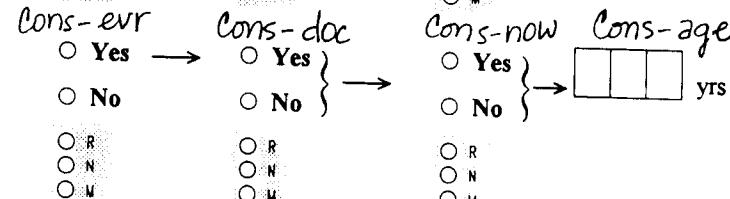
21. (Continued) Have you ever had any of the following?

l. A spastic colon?



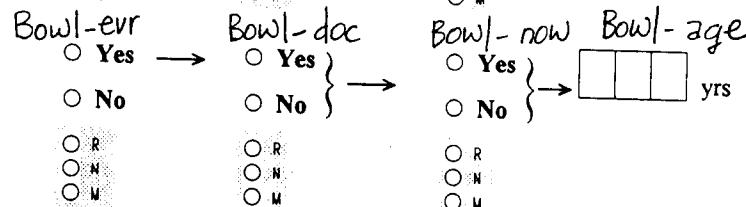
□ QC
□ - 55.R
□ - 88.N
□ - 99.M

m. FREQUENT constipation?



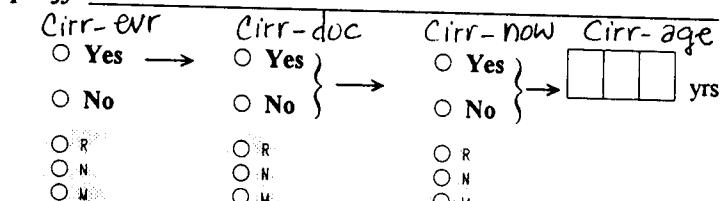
□ QC
□ - 55.R
□ - 88.N
□ - 99.M

n. Any other intestinal or bowel trouble?



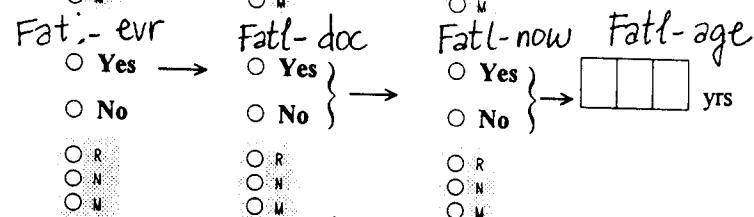
□ QC
□ - 55.R
□ - 88.N
□ - 99.M

o. Cirrhosis of the liver?



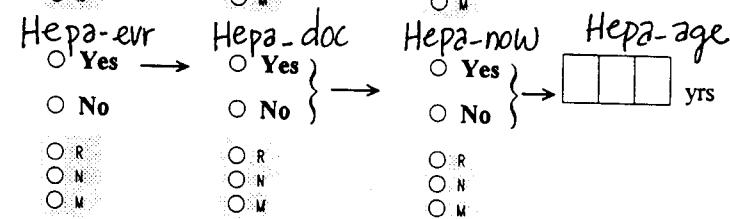
□ QC
□ - 55.R
□ - 88.N
□ - 99.M

p. Fatty liver?



□ QC
□ - 55.R
□ - 88.N
□ - 99.M

q. Hepatitis?



□ QC
□ - 55.R
□ - 88.N
□ - 99.M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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Adult Baseline

21. (Continued) Have you ever had any of the following?

	I	II	III	IV
r. Yellow jaundice?	Have you ever had this? <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Were you told you had this by a doctor or nurse? <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Do you have it now? <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	How old were you when the doctor or nurse first told you? <input type="radio"/> Jell-evr → <input type="radio"/> Jell-doc } → <input type="radio"/> Jell-now } → <input type="radio"/> Jell-age } → <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M yrs
s. Any other liver trouble?	Livt-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Livt-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Livt-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Livt-age <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M yrs
t. Nephritis?	Neph-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Neph-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Neph-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Neph-age <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M yrs
u. Kidney stones?	Kidn-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Kidn-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Kidn-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Kidn-age <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M yrs
v. Any other kidney trouble?	Kidt-evr <input type="radio"/> Yes → <input type="radio"/> No <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Kidt-doc <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Kidt-now <input type="radio"/> Yes } → <input type="radio"/> No } <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Kidt-age <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M yrs

If YES, please specify:

w. Any disease requiring chemotherapy? <small>(Note: Chemotherapy with radiation treatments only.)</small>	<input type="radio"/> Yes → How long ago chemoago did you last have chemotherapy? <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M	Chemo unit <input type="radio"/> day(s) ago <input type="radio"/> week(s) ago <input type="radio"/> month(s) ago <input type="radio"/> year(s) ago
---	---	--

If YES, please specify disease:

If you are completing this yourself, then STOP HERE. Thank You!

OFFICE USE ONLY											
<hr/> <hr/> <hr/>											
<input type="checkbox"/> QC <input type="checkbox"/> -55.R <input type="checkbox"/> -88.N <input type="checkbox"/> -99.M											
<hr/> <hr/> <hr/>											
<input type="checkbox"/> QC <input type="checkbox"/> -55.R <input type="checkbox"/> -88.N <input type="checkbox"/> -99.M											
Livt-dis <small>Dis. 3 Code</small> <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M											
<hr/> <hr/> <hr/>											
<input type="checkbox"/> QC <input type="checkbox"/> -55.R <input type="checkbox"/> -88.N <input type="checkbox"/> -99.M											
<hr/> <hr/> <hr/>											
<input type="checkbox"/> QC <input type="checkbox"/> -55.R <input type="checkbox"/> -88.N <input type="checkbox"/> -99.M											
Kidt-dis <small>Dis. 4 Code</small> <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M											
<hr/> <hr/> <hr/>											
<input type="checkbox"/> QC <input type="checkbox"/> -55.R <input type="checkbox"/> -88.N <input type="checkbox"/> -99.M											
Chemodis <small>Dis. 5 Code</small> <input type="radio"/> R <input type="radio"/> N <input type="radio"/> M											

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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HHID: FS: IRN:

BASIC HOUSING CHARACTERISTICS**PAGE 17**

Adult Baseline

Pages 17 - 27 are for OFFICE USE ONLY.**OFFICE USE ONLY**

These next questions are about your (house/apartment). Please feel free to ask another member of your household for assistance if necessary.

22. Is this property actively used as a farm or ranch? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Farm

- 55.R
- 88.N
- 99.M

23. About when was this building first built? *Read choices and fill in ONE bubble.*

- 1. 1990 to present
- 2. 1985 to 1989
- 3. 1980 to 1984
- 4. 1970 to 1979
- 5. 1960 to 1969
- 6. 1950 to 1959
- 7. 1940 to 1949
- 8. 1939 or earlier
- 9. Don't know

Buildage

- 55.R
- 88.N
- 99.M

24. When did you move into this (house/apartment)? *Read choices and fill in ONE bubble.*

(You = respondent, not family.)

- 1. 1990 to present
- 2. 1985 to 1989
- 3. 1980 to 1984
- 4. 1970 to 1979
- 5. 1960 to 1969
- 6. 1950 to 1959
- 7. 1940 to 1949
- 8. 1939 or earlier
- 9. Don't know

Move-in

- 55.R
- 88.N
- 99.M

25. In the last six months, have any of the following been performed in this home? *Fill in ONE bubble.***YES NO****R N M**

- | | | | |
|---|---------------------------|--------------------------|----------|
| a. Adding a room | <input type="radio"/> Yes | <input type="radio"/> No | Add-room |
| b. Putting up or taking down a wall | <input type="radio"/> Yes | <input type="radio"/> No | Wall-chg |
| c. Replacing windows | <input type="radio"/> Yes | <input type="radio"/> No | Windorep |
| d. Refinishing floors | <input type="radio"/> Yes | <input type="radio"/> No | Floorref |
| e. Exterior painting | <input type="radio"/> Yes | <input type="radio"/> No | Paintext |
| f. Interior painting | <input type="radio"/> Yes | <input type="radio"/> No | Paintint |

- 55 88 99
- 55 88 99
- 55 88 99
- 55 88 99
- 55 88 99
- 55 88 99
- 55 88 99

26 a. Does this (house/apartment) have running water? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Waterrun

Continue
GO TO Q # 26 c (next page)

- 55.R
- 88.N
- 99.M

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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Adult Baseline

26 b. What is the source of the running water in your house/apartment? *Read choices and fill in bubbles of ALL THAT APPLY.*

- Pubwater 1. Public or commercial water system (Name: _____)
- Privwell 2. Private well
- cistern 3. Cistern
- Wat-other 4. Some other source (Specify: Watsource)
- Wat-dk 5. Don't know

OFFICE USE ONLY

Wat-syst W.S. Code

- 55.R Wat-syst
W.S. Code
- 88.N Wat-syst
W.S. Code
- 99.M Wat-syst
W.S. Code

26.c. Which water source is used *most often (more than half the time)* for cooking? *Read choices and fill in ONE bubble.*

1. Tap water
2. Bottled water
3. Some other source (Specify: _____)
4. Don't know

 55.R Cook W. Code 88.N Cook W. Code 99.M Cook W. Code

cook-src

26 d. Which water source is used *most often (more than half the time)* for drinking? *Read choices and fill in ONE bubble.*

1. Tap water
2. Bottled water
3. Some other source (Specify: Watdrink)
4. Don't know

 55.R Drink W. Code 88.N Drink W. Code 99.M Drink W. Code

Drinksrc

26 e. Do you use any of the following to treat your water at home? *Fill bubble for YES or NO for each treatment type.*

	<u>YES</u>	<u>NO</u>	<u>DON'T KNOW</u>
i. Water softener	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> DK
ii. Charcoal filter	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> DK
iii. Reverse osmosis	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> DK
iv. Distillation	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> DK
v. Other (Specify: _____)	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> DK
			WTreat - O

 55.R treattyp Trety. Code 88.N treattyp Trety. Code 99.M treattyp Trety. Code

Drinksrc

27 a. Is there an enclosed garage attached to this (house/apartment)? *Fill in ONE bubble.*

1. Yes Enclgara Continue
 2. No

 55.R 88.N 99.M

Enclgara

Continue

GO TO Q # 28 (next page)

27 b. Where is the attached garage? *Read choices and fill in ONE bubble.*

1. Underneath the main living quarters
2. Same level as the main living quarters
3. Somewhere else (Specify: Atgar loc)

 55.R 88.N 99.M

Atgar loc

27 c. Is there a doorway leading directly from the garage into the living quarters? *Fill in ONE bubble.*

1. Yes Gar-door
2. No

 55.R 88.N 99.M

Gar-door

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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- 27 d. Are automobiles, vans, trucks, or other motor vehicles parked in this attached garage? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Park - usu

28. Are any **gas** powered devices stored in any room, basement, or attached garage in this (house/apartment)? *Fill in ONE bubble. Do NOT include cars, vans, or trucks. DO include motorcycles, gas-powered lawn mowers, trimmers or blowers, boat engines, etc.*

- 1. Yes
- 2. No
- 3. Don't know

(Gas = gasoline.)

Gas-power

- 29 a. Is air conditioning (refrigeration) used to cool this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No

AC

Continue

GO TO Q # 30 a (this p. below)

- 29 b. Which types of air conditioning units do you use? *Read choices and fill in bubbles of ALL THAT APPLY.*

- Centr-ac 1. Central unit/unit
 Windo-ac 2. Window or wall unit/unit
 Porta-ac 3. Portable unit/unit

Ac-typ

- 29 c. During which month do you *usually* (or would you) start using air conditioning to cool this (house/apartment)? During which month do you *usually* (or would you) stop using air conditioning? *Fill in ONE bubble for the START MONTH and ONE bubble for the STOP MONTH.*

Ac-start

Start Month: Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

55.R 88.N 99.M

Stop Month: Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

55.R 88.N 99.M

Ac-stop

Questions # 30 a - 30 f should be asked in Arizona only. Others go to Q # 31.

- 30 a. Is an evaporative (swamp) cooler used to cool this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Swamp

Continue

GO TO Q # 31 (next page)

55.R

88.N

99.M

- 30 b. Which types of evaporative (swamp) coolers are used? *Read choices and fill in bubbles of ALL THAT APPLY.*

- Centr-sw 1. Central unit/unit
 Windo-sw 2. Window or wall unit/unit
 Porta-sw 3. Portable unit/unit

55.R Sw-ref

88.N Sw-na

99.M Sw-mis

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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Adult Baseline

- 34 a. During the months identified in the last question, do you use portable kerosene heaters in this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Keroport

*Continue below**GO TO Q # 35 a (this p. below)*

OFFICE USE ONLY

- 55.R
- 88.N
- 99.M

- QC -5.R
- 8.N
- 9.M

- 34 b. How many kerosene heaters did you use *last year*? kerosene heater(s)

Kero - num

- 34 c. How often do you use your kerosene heater *during the heating season?* *Read choices and fill in ONE bubble.*

- 1. Less than one day a month
- 2. One to three days per month
- 3. One or two days a week
- 4. 3 - 5 days a week
- 5. More than 5 days a week

Kerofreq

- 55.R
- 88.N
- 99.M

- 35 a. *During the heating season*, is a portable or nonvented gas heater used in this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Gas - port

*Continue below**GO TO Q # 36 a (this p. below)*

Gas - num

- 55.R
- 88.N
- 99.M

- 35 b. How many gas heaters? gas heater(s)

- 35 c. How often is a portable or nonvented gas heater used? *Read choices and fill in ONE bubble.*

- 1. Less than one day a month
- 2. One to three days per month
- 3. One or two days a week
- 4. 3 - 5 days a week
- 5. More than 5 days a week

- 36 a. During the heating season, is a wood-burning or coal-burning stove used in this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Wood - stov

*Continue below**GO TO Q # 37 a (next page)*

Wood - num

- 55.R
- 88.N
- 99.M

- 36 b. How many wood or coal-burning stoves? stove(s)

stove(s)

- QC -5.R
- 8.N
- 9.M

Data Use
Only:

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
<input type="radio"/>																			

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36 c. How often is a wood-burning or coal-burning stove used *during the heating season?* *Read choices and fill in ONE bubble.*

- 1. Less than one day a month
- 2. One to three days per month
- 3. One or two days a week
- 4. 3 - 5 days a week
- 5. More than 5 days a week

Wood Freq

Adult Baseline	OFFICE USE ONLY

- 55.R
- 88.N
- 99.M

36 d. What is burned in the stove? *Read choices and fill in ONE bubble.*

- 1. Wood
- 2. Coal
- 3. Other (Specify: Woodburn)

Burn S. Code	<input type="checkbox"/>
<input type="radio"/> 55.R	<input type="checkbox"/>
<input type="radio"/> 88.N	<input type="checkbox"/>
<input type="radio"/> 99.M	<input type="checkbox"/>

Wburnoth

37 a. *During the heating season*, is a fireplace used in this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No

Fireplac

Continue below
GO TO Q # 38 a (this p. below)

Fire - num

- 55.R
- 88.N
- 99.M

37 b. How many fireplaces?

fireplace(s)

- QC - 5.R
- 8.N
- 9.M

37 c. How often is a fireplace used *during the heating season?* *Read choices and fill in ONE bubble.*

- 1. Less than one day a month
- 2. One to three days per month
- 3. One or two days a week
- 4. 3 - 5 days a week
- 5. More than 5 days a week

FireFreq

- 55.R
- 88.N
- 99.M

37 d. What is burned in the fireplace? *Read choices and fill in bubbles of ALL THAT APPLY.*

Burnwood 1. Wood

Burnart 2. Artificial logs

Burngas 3. Gas fire

Burngas 4. Other (Specify:)

- 55.R Burn-ref
- 88.N Burn-F.Code
- 99.M Burn-mis

Fireburo

38 a. In the *past 6 months*, were any chemicals for the control of termites, insects, rodents, or other pests used inside this (house/apartment)? *Fill in ONE bubble.*

- 1. Yes
- 2. No
- 3. Don't know

Pests - in

Continue to Q # 38 b (next p.)

GO TO Q # 39 a (page 24)

GO TO Q # 39 a (page 24)

- 55.R
- 88.N
- 99.M

Data Use Only:	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	6 <input type="radio"/>	7 <input type="radio"/>	8 <input type="radio"/>	9 <input type="radio"/>	A <input type="radio"/>	B <input type="radio"/>	C <input type="radio"/>	D <input type="radio"/>	E <input type="radio"/>	F <input type="radio"/>	G <input type="radio"/>	H <input type="radio"/>	I <input type="radio"/>	J <input type="radio"/>
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- 38 b. In the *past 6 months*, what rooms in your home were treated with products for the control of termites, insects, rodents, or other pests? *Read choices and fill in bubbles of ALL THAT APPLY.*

OFFICE USE ONLY

55.R Pest rref
 88.N Pest rna
 99.M Pest rmis

- Pest - liv ○ 1. Living room
 Pest - fam○ 2. Family room
 Pest - din ○ 3. Dining room
 Pest - kit ○ 4. Kitchen
 Pest - bat ○ 5. Bathroom(s)
 Pest - bed ○ 6. Bedroom(s)
 Pest - orm ○ 7. Other rooms
 Pestr. dk ○ 8. Don't know

- 38 c. What areas within the room(s) were treated? *Read choices and fill in bubbles of ALL THAT APPLY.*

- PEST HABITAT**

Pestflor	<input type="radio"/>	1. Floors
Pestbase	<input type="radio"/>	2. Baseboards
Pestlwal	<input type="radio"/>	3. Lower half of the walls
Pestuwal	<input type="radio"/>	4. Upper half of the walls
Pestceil	<input type="radio"/>	5. Ceilings
Pestcupd	<input type="radio"/>	6. Cupboards with dishes, pots, and pans
Pestcupf	<input type="radio"/>	7. Cupboards with food
Pestcabi	<input type="radio"/>	8. Cabinets used for storage
Pestclas	<input type="radio"/>	9. Closets
Pest_oth	<input type="radio"/>	10. Other (Specify: _____)
Pests-dk	<input type="radio"/>	11. Don't know

- 55.R Pestsref
- 88.N Pests na
- 99.M Pest mis

Pestsurf

- 38 d. In the *past 6 months*, how many times ... *Enter number*

- 1) did you personally apply these products inside this (house/apartment)?
 - 2) did a professional exterminator apply these products inside this (house/apartment)?
 - 3) did someone else apply these products inside this (house/apartment)?

- 38 e. In what month were they last used inside this (house/apartment)? **Fill in ONE bubble for month or "DK" for DON'T KNOW.**

Pestmoni

	
PestSet 1	PestSet 2
<input type="checkbox"/> QC <input type="checkbox"/> - 5.R <input type="checkbox"/> - 8.N <input type="checkbox"/> - 9.M	
<input type="checkbox"/> QC <input type="checkbox"/> - 5.R <input type="checkbox"/> - 8.N <input type="checkbox"/> - 9.M	
<input type="checkbox"/> QC <input type="checkbox"/> - 5.R <input type="checkbox"/> - 8.N <input type="checkbox"/> - 9.M	

- 38 f. What is (are) the name(s) of the product(s) last used inside this (house/apartment)?
If respondent does not know, ask to see the container(s). Enter name(s) or "DK" for DON'T KNOW.

Pest - in 1
Pest - in 2
Pest - in 3

Data Use Only:	<input type="radio"/> 0	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5	<input type="radio"/> 6	<input type="radio"/> 7	<input type="radio"/> 8	<input type="radio"/> 9	A	B	C	D	E	F	G	H	I	J
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Adult Baseline

OFFICE USE ONLY

- 55.R
 88.N
 99.M

- 55.R
 88.N
 99.M

Mix Code

--	--

Pestimi 1

- 55.R
 88.N
 99.M

- QC - 5.R
 - 8.N
 - 9.M

- QC - 5.R
 - 8.N
 - 9.M

- QC - 5.R
 - 8.N
 - 9.M

- 55.R 88.N 99.M

Pest 1 Code

Pest out 1

Pest 2 Code

Pest out 2

Pest 3 Code

Pest out 3

38 g. The last time this product was used inside this (house/apartment), how was it prepared for application? *Read choices and fill in ONE bubble.*

1. Mixed or diluted *Continue below*
 2. Applied directly as purchased (no mixing) *GO TO Q # 39 a (this p. below)*
 3. Don't know *GO TO Q # 39 a (this p. below)*

Pestipre

38 h. The last time this product was used inside this (house/apartment), who mixed the product? *Read choices and fill in ONE bubble.*

1. Respondent
 2. Professional exterminator
 3. Other
 4. Don't know

Pestimix

38 i. Where was it mixed? *Enter location or "DK" for DON'T KNOW.*

39 a. In the *past 6 months*, were any chemicals for the control of termites, insects, rodents, or other pests used outside this (house/apartment)? *Fill in ONE bubble.*

1. Yes Pest out *Continue below*
 2. No *GO TO Q # 40 a (next page)*
 3. Don't know *GO TO Q # 40 a (next page)*

Pest out

*Continue below**GO TO Q # 40 a (next page)*

39 b. In the *past 6 months*, how many times ... *Enter number.*

1) did you personally apply these products outside this (house/apartment)? Persaplo

--	--

 time(s)

2) did a professional exterminator apply these products outside this (house/apartment)? Profaplo

--	--

 time(s)

3) did someone else apply these products outside this (house/apartment)? Othraplo

--	--

 time(s)

39 c. In what month were they last used outside this (house/apartment)? *Fill in ONE bubble for month or "DK" for DON'T KNOW.*

Pestmono

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	DK
<input type="radio"/>												

39 d. What is (are) the name(s) of the product(s) last used outside this (house/apartment)? *If respondent does not know, ask to see the container(s). Enter name(s) or "DK" for DON'T KNOW.*

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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HHID: FS: IRN:

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- 39 e. The last time this product was used outside this (house/apartment), how was it prepared for application? *Read choices and fill in ONE bubble.*

- 1. Mixed or diluted
- 2. Applied directly as purchased (no mixing)
- 3. Don't know

*Pest ope**Continue below**GO TO Q # 40 a (this p. below)**GO TO Q # 40 a (this p. below)*

OFFICE USE ONLY

- 55.R
- 88.N
- 99.M

- 39 f. The last time this product was used outside this (house/apartment), who mixed the product? *Read choices and fill in ONE bubble.*

- 1. Respondent
- 2. Professional exterminator
- 3. Other
- 4. Don't know

Pestomix

- 39 g. Where was it mixed? *Enter location or "DK" for DON'T KNOW.*

Mix Code

--	--

Pestomix

- 40 a. In the past 6 months, have you had any regular lawn or yard treatments? *Fill in ONE bubble.*

- 1. Yes
- 2. No
- 3. Don't know

*lawnret**Continue below**GO TO Q # 41 (next page)**GO TO Q # 41 (next page)*

- 55.R
- 88.N
- 99.M

- 40 b. Who usually applies these treatments? *Read choices and fill in ONE bubble.*

- 1. Respondent
- 2. Professional
- 3. Someone else

Lawnwho

- 55.R
- 88.N
- 99.M

- 40 c. Were the treatments applied wet or dry?

- 1. Wet
- 2. Dry
- 3. Don't know

Lawn-w-d

- 55.R
- 88.N
- 99.M

- 40 d. In the past 6 months, how many of these lawn treatments contained weed control? *Enter number.*

--	--

lawns

treatment(s) with weed control

- QC - 5.R
- 8.N
- 9.M

- 40 e. In the past 6 months, how many of these lawn treatments contained insect control? *Enter number.*

--	--

lawnpes

treatment(s) with insect control

- QC - 5.R
- 8.N
- 9.M

Data Use
Only:

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
<input type="radio"/>																			

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HHID: _____ FS. _____ IRN: _____

FAMILY INCOME

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OFFICE USE ONLY

44. Family income is often used in scientific studies to compare groups of people who are similar. We do some analysis of the data using these groups. Please remember that all the data you provide are held in strict confidence.

Approximately what is the gross annual income for all family members in this household? *Hand card, pencil, and envelope to respondent.* Please circle the number on this card and put the card in the envelope. Seal the envelope and return it to me. *If respondent provides answer directly, fill in ONE bubble below. If respondent seals response in envelope, fill bubble for CHOICE 11. If respondent does both, fill the bubble of the appropriate income category and fill bubble for CHOICE 11.*

- 1. Less than \$ 9,999
- 2. \$ 10,000 - \$ 19,999
- 3. \$ 20,000 - \$ 29,999
- 4. \$ 30,000 - \$ 39,999
- 5. \$ 40,000 - \$ 49,999
- 6. \$ 50,000 - \$ 74,000
- 7. \$ 75,000 - \$ 99,999
- 8. \$ 100,000 or more
- 9. Don't know
- 10. Refuse
- 11. Answer in envelope

Income 88.N 99.M 55.R 88.N 99.M**END**

Comments:

PageLink QC:
Init: _____

Data Use Only:	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J
	<input type="radio"/>																			

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Appendix B: Baseline Dictionary

* Dictionary reviewed by Mary Kay on 05/07/96
 * Dictionary last updated by Jared on 06/25/97

* Baseline Dictionary

* For this form, box office codes correspond with handprint fields (Square fields) and the circle office codes correspond with bubble fields. A good example of this can be seen on page 5 , question #8.

K HHID (F6.0) '', HHIDFS (A1) '', IRN (F2.0) '', Evndt_m (F2.0) '', Evndt_d (F2.0) '', Evndt_y (F2.0) ''

Q HHID 1 1 I6
 T Household Identification

Q HHIDFS 1 7 A1
 T Household Family Schism
 Y 'A' First Schism - default value

Q IRN 1 8 I2
 T Individual Identification Number
 R (01,10)

Q Fname 1 10 A15
 T FIRST Name (Only):

*Q Evndate 1 25 A8
 * T Date of Completion:
 * mm/dd/yy

Q Evndt_m 1 25 I2
 T Date of completion month:
 R (01,12)

Q Evndt_d 1 28 I2
 T Date of completion day:
 R (01,31)

Q Evndt_y 1 31 I2
 T Date of completion year:
 R (95,99)

Q Gfname 1 33 A15
 T If the participant is LESS THAN 10 YEARS OLD, what is the first name of the individual who is providing the answers for the designated respondent? : FIRST Name (ONLY)

Q G_IRN 1 48 I2
 T If the participant is LESS THAN 10 YEARS OLD, what is the first name of the individual who is providing the answers for the designated respondent? : IRN #
 P G_relat (F3.0) '', Gfname (A15) ''
 R (01,10)

Y -8 Default Value

Q G_relat 1 50 I3

T What is the relationship of this individual to the person for whom the responses are provided?

Y 001 Self

Y 002 Guardian

Y 003 Other (Specify: _____)

Y 055 R

Y 088 N

Y 099 M

P Gfname (A15) '', G_IRN (F2.0) ''

L X (any(Gfname,"YYYYYYYYYYYYYYYYYY") and G_relat=088) and (G_IRN=-8)

L X not(any(Gfname,"YYYYYYYYYYYYYYYYYY")) and not(any(G_IRN,-8) and

+ F not(any(G_relat,088)))

Q G_relato 1 53 I2

T Relation Code

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P Gfname (A15) '', G_relato (F3.0) ''

L X (any(G_relato,001,002,088,099) and G_relato=-8)

L X (G_relato=003) and (range(G_relato,01,20))

L X (G_relato=055 and G_relato=-8)

Q Itemnum 1 55 I2

T Form Type

Y 03 Default Value

* Was I14 but changed to I3 for easier use

Q Study 1 57 I3

T study

Y 001 NHEXAS

Y 002 Border

Y 003 _____

Y 004 _____

Y 005 _____

* If there exists both a stage 1 and a non-completed stage 3

* then we delete the stage 3 and change the stage 1 to a stage 3

Q Stage 1 60 I1

T Stage #

R (1,4)

* As of this time any stage 3's are always collapsed

Q Collapse 1 61 I2

T Collapsed?

Y 01 Y

Y 02 N

Y 08 8

P Stage (F1.0) ''

L X (any(Stage,1,4,8) and Collapse = 8)

L X (any(Stage,2,3) and any(Collapse,1,2))

* If the entire form was refused or not complete Admnmeth is coded as Other.

Q Admnmeth 1 63 I2

T Admin. Method:

Y 01 Tech

Y 02 Self

Y 03 Guardian

Y 04 Other

Q TechID 1 65 I2

T Tech. ID

Y -9 TechID not known

Y -8 Default (Not Applicable)

Y 11 Ruben Dorame

Y 12 Antonio Luna

Y 13 Bruce Bechtal

Y 14 Bruce Seivertson

Y 17 First Semester Jessica Fanzo

Y 21 Maria R. Gayosso

Y 26 Nikos T. Melitas

Y 28 Rex A. Hansen

Y 30 Seumas P. Rogan

Y 33 Dipa Chundur

Y 34 Ralph Saunders

Y 37 Rosemary Anderson

Y 38 Jessica Fanzo

Y 39 John Carruthers

Y 42 Michael Gaskin

Y 43 Aaron McNeely

Y 44 Greg Gomez

Y 45 Mike Stambulis

Y 49 Patricia Lizardi

P Admnmeth (F2.0) ''

L X (any(Admnmeth,002,003,004) and TechID=-8)

L X Admnmeth=001 and not(any(TechID,-8))

* Form status for IRN 01's is cmp for pages 1-27

* and Pcmp for 1-16. Form status for IRN's > 01

* is cmp for pages 1-16 since they don't fill out

* pages 17-27.

Q Formstat 1 67 I2

T Form Status:

Y 01 Cmp

Y 02 N Cmp

Y 03 P Cmp

Y 04 Re-col

Y 05 Ref

Y 07 Dest

Y 08 N/A

Y 09 Miss

Q QCBY 1 69 I2
T Tech ID
Y 11 Ruben Dorame
Y 12 Antonio Luna
Y 13 Bruce Bechtal
Y 14 Bruce Seivertson
Y 17 First Semester Jessica Fanzo
Y 21 Maria R. Gayosso
Y 26 Nikos T. Melitas
Y 28 Rex A. Hansen
Y 30 Seumas P. Rogan
Y 33 Dipa Chundur
Y 34 Ralph Saunders
Y 37 Rosemary Anderson
Y 38 Jessica Fanzo
Y 39 John Carruthers
Y 42 Michael Gaskin
Y 43 Aaron McNeely
Y 44 Greg Gomez
Y 45 Mike Stambulis
Y 49 Patricia Lizardi

* The following date field has been broken up into mm/dd/yy

* Q QCDATE 1 71 A8
* T QC date

Q QCDATE_M 1 71 I2
T QC Date: Month
R (01,12)

Q QCDATE_D 1 74 I2
T QC Date: Day
R (01,31)

Q QCDATE_Y 1 77 I2
T QC Date: Year
R (95,99)

Q QABY 1 79 I2
Y 11 Ruben Dorame
Y 12 Antonio Luna
Y 13 Bruce Bechtal
Y 14 Bruce Seivertson
Y 17 First Semester Jessica Fanzo
Y 21 Maria R. Gayosso
Y 26 Nikos T. Melitas
Y 28 Rex A. Hansen
Y 30 Seumas P. Rogan
Y 33 Dipa Chundur
Y 34 Ralph Saunders
Y 35 Sosimo Sostelo
Y 37 Rosemary Anderson

Y 38 Jessica Fanzo
Y 39 John Carruthers
Y 42 Michael Gaskin
Y 43 Aaron McNeely
Y 44 Greg Gomez
Y 45 Mike Stambulis
Y 48 Jack Liu
Y 49 Patricia Lizardi
Y 55 Kimberly Barnaby

* The following date field has been broken up into mm/dd/yy

* Q QADATE 1 81 A8

* T QA date

Q QADATE_M 1 81 I2

T QA Date: Month

R (01,12)

Q QADATE_D 1 84 I2

T QA Date: Day

R (01,31)

Q QADATE_Y 1 87 I2

T QA Date: Year

R (95,99)

Q DEBY 1 89 I2

T DE technician

Y 16 Jared Sherrill

Y 19 Luis Fernandez

Y 32 Paige Stedry

Y 46 Shubha Kashinath

Y 50 Clinton Bittel

Y 54 Kila Sanders

Y 60 Toquyen

* The following date field has been broken up into mm/dd/yy

* Q DEDATE 1 91 A8

* T DE date

Q DEDATE_M 1 91 I2

T DE Date: Month

R (01,12)

Q DEDATE_D 1 94 I2

T DE Date: Day

R (01,31)

Q DEDATE_Y 1 97 I2

T DE Date: Year

R (96,99)

Q DPBATCH 1 99 I3

T DP Batch

R (300,399)

Q QXV 1 102 A5

Y 'QBLAI' Adult Qx

Y 'QBLP1' Pediatric Qx

Q Educat 1 107 I3

T What is the highest level of school you have completed?

V q1

Y 001 No school completed or Kindergarten only.

Y 002 Primary or middle school

Y 003 Some high school

Y 004 High school graduate

Y 005 Some college or technical school

Y 006 College graduate

Y 007 Some post college

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Educat,001,002,003,004,005,006,007,055,099))

L X (Formstat=03 and any(Educat,001,002,003,004,005,006,007,055,088,099))

L X (any(Formstat,02,05,09) and Educat=088)

Q Sex 1 110 I3

T Fill in bubble for sex of participant.

V q2

Y 001 Male

Y 002 Female

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Sex,001,002,055,099))

L X (Formstat=03 and any(Sex,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Sex=088)

* The following date field has been broken up into mm/dd/yy

*Q DOB 1 113 A8

*T What is your date of birth?

*Y '88/88/88' 'Default Value'

Q DOB_M 1 113 I2

T Date of birth: Month

V q3m

R (01,12)

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

P Formstat (F3.0) ''

L X Formstat=01 and (range(DOB_M,01,12) or DOB_M=-9)
 L X Formstat=03 and (range(DOB_M,01,12) or any(DOB_M,-8,-9))
 L X any(Formstat,02,05,09) and DOB_M=-8

Q DOB_D 1 116 I2
 T Date of birth: Day
 V q3d
 R (01,31)
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 P Formstat (F3.0) ''
 L X Formstat=01 and (range(DOB_D,01,31) or DOB_D=-9)
 L X Formstat=03 and (range(DOB_D,01,31) or any(DOB_D,-8,-9))
 L X (any(Formstat,02,05,09) and DOB_D=-8)

Q DOB_Y 1 119 I2
 T Date of Birth: Year
 V q3y
 R (09,97)
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 P Formstat (F3.0) ''
 L X Formstat=01 and (range(DOB_Y,09,97) or DOB_Y=-9)
 L X Formstat=03 and (range(DOB_Y,09,97) or any(DOB_Y,-8,-9))
 L X (any(Formstat,02,05,09) and DOB_Y=-8)

Q Heightft 1 121 I2
 T How tall are you without shoes?
 V q4a
 R (01,06)
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 P Formstat (F3.0) ''
 L X (Formstat=01 and (range(Heightft,01,06) or any(Heightft,-5,-9)))
 L X (Formstat=03 and (range(Heightft,01,06) or any(Heightft,-5,-8,-9)))
 L X (any(Formstat,02,05,09) and Heightft=-8)

Q Heightin 1 123 I2
 T How tall are you without shoes?
 V q4b
 R (00,11)
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 P Formstat (F3.0) ''
 L X (Formstat=01 and (range(Heightin,00,11) or any(Heightin,-5,-9)))
 L X (Formstat=03 and (range(Heightin,00,11) or any(Heightin,-5,-8,-9)))
 L X (any(Formstat,02,05,09) and Heightin=-8)

Q Weight 1 125 I3

R (012,325)

T How much do you weigh?

V q5a

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

P Formstat (F3.0) ''

L X (Formstat=01 and (range(Weight,012,325) or any(Weight,-55,-99)))

L X (Formstat=03 and (range(Weight,012,325) or any(Weight,-55,-88,-99)))

L X (any(Formstat,02,05,09) and Weight=-88)

Q GT_10yrs 1 128 I3

T Please fill the appropriate bubble for age group(below) and follow the given instructions.

V q5b

Y 001 Respondent is 10 YEARS

Y 002 Respondent is LESS THAN

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(GT_10yrs,001,002,055,099))

L X (Formstat=03 and any(GT_10yrs,001,002,055,088,099))

L X (any(Formstat,02,05,09) and GT_10yrs=088)

Q Smok_now 1 131 I3

T Do you currently smoke tobacco products or use smokeless tobacco products?

V q6a

Y 001 Yes

Y 002 No

Y 003 Don't Know

Y 055 R

Y 088 N

Y 099 M

P GT_10yrs (F3.0) ''

L X (any(GT_10yrs,002,088,099) and Smok_now=088)

L X (GT_10yrs=001 and any(Smok_now,001,002,003,055,099))

L X (GT_10yrs=055 and Smok_now=055)

Q Smok_evr 1 134 I3

T Have you ever smoked tobacco products or used smokeless tobacco products?

V q6b

Y 001 Yes

Y 002 No

Y 003 Don't know

Y 055 R

Y 088 N

Y 099 M

P Smok_now (F3.0) ''

L X (any(Smok_now,001,088,099) and Smok_evr=088)

L X (any(Smok_now,002,003) and any(Smok_evr,001,002,003,055,099))

L X (Smok_now=055 and Smok_evr=055)

Q Smok_stp 1 137 I3
T How long ago did you stop using tobacco products?
V q6c1
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (1,100)
P Smok_evr (F3.0) ''
L X (any(Smok_evr,002,003,088,099) and Smok_stp=-88)
L X Smok_evr=001 and (range(Smok_stp,001,100) or any(Smok_stp,-55,-99))
L X (Smok_evr=055 and Smok_stp=-55)

Q Smksunit 1 140 I3
T How long ago did you stop using tobacco products?
V q6c2
Y 001 day(s) ago
Y 002 week(s) ago
Y 003 month(s) ago
Y 004 year(s) ago
Y 055 R
Y 088 N
Y 099 M
P GT_10yrs (F3.0) '' ,Smok_evr (F3.0) ''
L X (any(Smok_evr,002,003,088,099) and Smksunit = 088)
L X (Smok_evr=001 and any(Smksunit,001,002,003,004,055,099))
L X (Smok_evr=055 and Smksunit=055)

Q Cigt_num 1 143 I3
T On average, how many cigarettes do you smoke per day?
V q7a
Y 001 None
Y 002 Less than half of a pack
Y 003 A half of a pack or more, but less than 1 pack
Y 004 1 pack or more, but less than 1 and a half packs
Y 005 1 and a half packs or more, but less than 2 packs
Y 006 2 or more paks
Y 007 Occasional (social smoker)
Y 008 Dont know
Y 055 R
Y 088 N
Y 099 M
P Smok_now (F3.0) '' , GT_10yrs (F3.0) ''
L X (any(Smok_now,002,003,088,099) and Cigt_num=088)
L X (Smok_now=001) and
+ F any(Cigt_num,001,002,003,004,005,006,007,008,055,099)
L X (Smok_now=055 and Cigt_num=055)

Q Cigarnum 1 146 I2
T On average, how many cigars do you smoke per day?
V q7b
R (00,30)

Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
P GT_10yrs (F3.0) '', Smok_now (F3.0) ''
L X (any(Smok_now,002,003,088,099) and Cigarnum=-8)
L X (Smok_now=001) and (range(Cigarnum,00,30) or any(Cigarnum,-5,-9))
L X (Smok_now=055 and cigarnum=-55)

Q Pipesful 1 148 I2
T On average, how many pipesful of tobacco do you smoke per day?
V q7c
R (00,20)
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
P GT_10yrs (F3.0) '', Smok_now (F3.0) ''
L X (any(Smok_now,002,003,088,099) and Pipesful=-8)
L X (Smok_now=001) and (range(Pipesful,00,20) or any(Pipesful,-5,-9))
L X (Smok_now=055 and Pipesful=-55)

Q Smokless 1 150 I2
T On average, how many times per day do you use smokeless tobacco products?
V q7d
R (00,20)
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
P GT_10yrs (F3.0) '', Smok_now (F3.0) ''
L X (any(Smok_now,002,003,088,099) and Smokless=-8)
L X (Smok_now=001) and (range(Smokless,00,20) or any(Smokless,-5,-9))
L X (Smok_now=055 and Smokless=-55)

Q Homesmok 1 152 I3
T On average for the past month, how many(hours/minutes)per week did you spend inside your home with someone who was smoking tobacco?
V q8a1
R (0,120)
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
P Formstat (F3.0) ''
L X (Formstat=01 and (range(Homesmok,000,120) or any(Homesmok,-55,-99)))
L X (Formstat=03 and (range(Homesmok,000,120) or any(Homesmok,-55,-88,-99)))
L X (any(Formstat,02,05,09) and Homesmok=-88)

Q Homsunit 1 155 I3
T On average for the past month, how many(hours/minutes)per week did you spend inside your home with someone who was smoking tobacco?
V q8a2
Y 001 minute(s)
Y 002 hour(s)
Y 055 R

Y 088 N
Y 099 M
P Homesmok (F3.0) ''
L X (Homesmok=000 and Homsunit=001)
L X (range(Homesmok,001,120) and any(Homsunit,001,002,055,099))
L X (Homesmok=-55 and Homsunit=055)
L X (Homesmok=-88 and Homsunit=088)
L X (Homesmok=-99 and Homsunit=099)

Q Worksmok 1 158 I3
T On average for the past month, how many(hours/minutes)per week did you spend at work with someone who was smoking tobacco?
V q8b1
R (0,120)
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
P Formstat (F3.0) ''
L X (Formstat=01 and (range(Worksmok,000,120) or any(Worksmok,-55,-99)))
L X (Formstat=03 and (range(Worksmok,000,120) or any(Worksmok,-55,-88,-99)))
L X (any(Formstat,02,05,09) and Worksmok=-88)

Q Wrksunit 1 161 I3
T On average for the past month, how many(hours/minutes)per week did you spend at work with someone who was smoking tobacco?
V q8b2
Y 001 minute(s)
Y 002 hour(s)
Y 055 R
Y 088 N
Y 099 M
P Worksmok (F3.0) ''
L X (Worksmok=000 and Wrksunit=001)
L X (range(Worksmok,001,120) and any(Wrksunit,001,002,055,099))
L X (Worksmok=-55 and Wrksunit=055)
L X (Worksmok=-88 and Wrksunit=088)
L X (Worksmok=-99 and Wrksunit=099)

Q Vehismok 1 164 I3
T On average for the past month, how many(hours/minutes)per week did you spend in a car, bus, van or other enclosed vehicle with someone who was smoking tobacco?
V q8c1
R (0,150)
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
P Formstat (F3.0) ''
L X (Formstat=01 and (range(Vehismok,000,150) or any(Vehismok,-55,-99)))
L X (Formstat=03 and (range(Vehismok,000,150) or any(Vehismok,-55,-88,-99)))
L X (any(Formstat,02,05,09) and Vehismok=-88)

Q Vehsunit 1 167 I3

T On average for the past month, how many(hours/minutes)per week did you spend in a car, bus, van or other enclosed vehicle with someone who was smoking tobacco?

V q8c2

Y 001 minute(s)

Y 002 hour(s)

Y 055 R

Y 088 N

Y 099 M

P Vehismok (F3.0) ''

L X (Vehismok=000 and Vehsunit=001)

L X (range(Vehismok,001,150) and any(Vehsunit,001,002,055,099))

L X (Vehismok=-55 and Vehsunit=055)

L X (Vehismok=-88 and Vehsunit=088)

L X (Vehismok=-99 and Vehsunit=099)

Q Indrsmok 1 170 I3

T On average for the past month, how many(hours/minutes)per week did you spend in an enclosed area with someone who was smoking

V q8d1

R (0,120)

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

P Formstat (F3.0) ''

L X (Formstat=01 and (range(Indrsmok,000,120) or any(Indrsmok,-55,-99)))

L X (Formstat=03 and (range(Indrsmok,000,120) or any(Indrsmok,-55,-88,-99)))

L X (any(Formstat,02,05,09) and Indrsmok=-88)

Q Indruni 1 173 I3

T On average for the past month, how many(hours/minutes)per week did you spend in an enclosed area with someone who was smoking

V q8d2

Y 001 minute(s)

Y 002 hour(s)

Y 055 R

Y 088 N

Y 099 M

P Indrsmok (F3.0) ''

L X (Indrsmok=000 and Indruni=001)

L X (range(Indrsmok,001,120) and any(Indruni,001,002,055,099))

L X (Indrsmok=-55 and Indruni=055)

L X (Indrsmok=-88 and Indruni=088)

L X (Indrsmok=-99 and Indruni=099)

Q Insdsmok 1 176 I3

T During the past month, has anyone, including you, smoked inside your home?

V q9a

Y 001 Yes

Y 002 No

Y 003 Don't know

Y 055 R

Y 088 N

Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and (any(Insdsmok,001,002,003,055,099) or Insdsmok=-99))
L X (Formstat=03 and any(Insdsmok,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Insdsmok=088)

Q Peopsmok 1 179 I3
T During the past month, how many people, including visitors, smoked tobacco inside your home?
V q9b
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (1,32)
P Insdsmok (F3.0) ''
L X (any(Insdsmok,002,003,088,099) and Peopsmok=-88)
L X (Insdsmok=001 and (range(Peopsmok,001,025) or any(Peopsmok,-55,-99)))
L X (Insdsmok=055 and Peopsmok=-55)

Q Paint 1 182 I3
T On average for the past month, on how many days did you paint walls, furniture, cars, or other objects?
V q10a
Y 001 Never
Y 002 1-3 days per month
Y 003 1-2 days per week
Y 004 3-6 days per week
Y 005 Daily
Y 006 Dont know
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Paint,001,002,003,004,005,006,055,099))
L X (Formstat=03 and any(Paint,001,002,003,004,005,006,055,088,099))
L X (any(Formstat,02,05,09) and Paint=088)

Q Chemstrp 1 185 I3
T On average for the past month, on how many days did you use chemical paint strippers to remove paint?
V q10b
Y 001 Never
Y 002 1-3 days per month
Y 003 1-2 days per week
Y 004 3-6 days per week
Y 005 Daily
Y 006 Don't know
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Chemstrp,001,002,003,004,005,006,055,099))
L X (Formstat=03 and any(Chemstrp,001,002,003,004,005,006,055,088,099))
L X (any(Formstat,02,05,09) and Chemstrp=088)

Q Scraping 1 188 I3

T On average for the past month, how many days did you remove paint by other methods such as scraping, heat gun, or sanding?

V q10c

Y 001 Never

Y 002 1-3 days per month

Y 003 1-2 days per week

Y 004 3-6 days per week

Y 005 Daily

Y 006 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Scraping,001,002,003,004,005,006,055,099))

L X (Formstat=03 and any(Scraping,001,002,003,004,005,006,055,088,099))

L X (any(Formstat,02,05,09) and Scraping=088)

Q Solder 1 191 I3

T During the past three months, on how many days did you use lead solder to solder pipes, do electronic repairs, or join pieces of stained glass?

V q11a

Y 001 Never

Y 002 1-2 days

Y 003 1-3 days per month

Y 004 1-2 days per week

Y 005 3-7 days per week

Y 006 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Solder,001,002,003,004,005,006,055,099))

L X (Formstat=03 and any(Solder,001,002,003,004,005,006,055,088,099))

L X (any(Formstat,02,05,09) and Solder=088)

Q Oilpaint 1 194 I3

T During the past three months, on how many days did you use lead-based oil paint to paint pictures or jewelery?

V q11b

Y 001 Never

Y 002 1-2 days

Y 003 1-3 days per month

Y 004 1-2 days per week

Y 005 3-7 days per week

Y 006 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Oilpaint,001,002,003,004,005,006,055,099))

L X (Formstat=03 and any(Oilpaint,001,002,003,004,005,006,055,088,099))

L X (any(Formstat,02,05,09) and Oilpaint=088)

Q Moldlead 1 197 I3

T During the past three months, on how many days did you mold lead into fishing sinkers, bullets, or other objects?

V q11c

Y 001 Never

Y 002 1-2 days

Y 003 1-3 days per month

Y 004 1-2 days per week

Y 005 3-7 days per week

Y 006 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Moldlead,001,002,003,004,005,006,055,099))

L X (Formstat=03 and any(Moldlead,001,002,003,004,005,006,055,088,099))

L X (any(Formstat,02,05,09) and Moldlead=088)

Q Homgrown 1 200 I3

T During the past three months, on how many days did you eat fresh fruits or vegetables grown at your home?

V q12a

Y 001 Never

Y 002 1-2 days

Y 003 1-3 days per month

Y 004 1-2 days per week

Y 005 3-7 days per week

Y 006 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Homgrown,001,002,003,004,005,006,055,099))

L X (Formstat=03 and any(Homgrown,001,002,003,004,005,006,055,088,099))

L X (any(Formstat,02,05,09) and Homgrown=088)

Q Hompresv 1 203 I3

T During the past three months, on how many days did you eat canned or preserved fruits or vegetables that were grown at your home?

V q12b

Y 001 Never

Y 002 1-2 days

Y 003 1-3 days per month

Y 004 1-2 days per week

Y 005 3-7 days per week

Y 006 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Hompresv,001,002,003,004,005,006,055,099))
 L X (Formstat=03 and any(Hompresv,001,002,003,004,005,006,055,088,099))
 L X (any(Formstat,02,05,09) and Hompresv=088)

Q P_job 1 206 I3

T Does he or she currently work full or part time away from home
 V q13

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(P_job,001,002,055,099))

L X (Formstat=03 and any(P_job,001,002,055,088,099))

L X (any(Formstat,02,05,09) and P_job=088)

Q P_jobhrs 1 209 I3

T On average for the past month, how many hours per week did you work at your primary job?

V q14a1

R (000,150)

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_jobhrs=-88)

L X (any(P_job,001) and (range(P_jobhrs,000,150) or any(P_jobhrs,-55,-99)))

L X (P_job=055 and P_jobhrs=-55)

Q P_homhrs 1 212 I3

T On average, how many of these hours were spent working at home?

V q14a2

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (000,080)

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_homhrs=-88)

L X (P_job=001 and (range(P_homhrs,000,080) or any(P_homhrs,-55,-99)))

L X (P_job=055 and P_homhrs=-55)

Q P_busin 1 215 I2

T What kind of business or industry is this?(For example, manufacturing, retail store, government, farm, school.)

V q14b

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,99)

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_busin=-8)

L X (P_job=001 and (range(P_busin,01,99) or any(P_busin,-5,-9)))

L X (P_job=055 and P_busin=-5)

Q P_jobtit 1 217 I2

T What is your job title?(For example, electrical engineer, stock clerk, typist, farmer.)

V q14c

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,99)

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_jobtit=-8)

L X (P_job=001 and (range(P_jobtit,01,99) or any(P_jobtit,-5,-9)))

L X (P_job=055 and P_jobtit=-5)

Q P_duty1 1 219 I3

T What activities do you perform most often as part of your duties at the job?

V q14d1

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_duty1=-88)

L X (P_job=001 and (range(P_duty1,001,999) or any(P_duty1,-55,-99)))

L X (P_job=055 and P_duty1=-55)

Q P_duty2 1 222 I3

T What activities do you perform most often as part of your duties at the job?

V q14d2

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_duty2=-88)

L X P_job=001 and (range(P_duty2,001,999) or any(P_duty2,-55,-88,-99))

L X (P_job=055 and P_duty2=-55)

Q P_duty3 1 225 I3

T What activities do you perform most often as part of your duties at the job?

V q14d3

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_duty3=-88)

L X P_job=001 and (range(P_duty3,001,999) or any(P_duty3,-55,-88,-99))

L X (P_job=055 and P_duty3=-55)

Q P_clothg 1 228 I3

T Do you wear protective clothing while at your primary job?

V q14e

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_clothg=088)

L X (P_job=001 and any(P_clothg,001,002,055,099))

L X (P_job=055 and P_clothg=055)

Q P_gloves 1 231 II

T Which types of protective clothing do you wear while at your primary job? Gloves

V q14f1

Y 0 No

Y 1 Yes

P P_clothg (F3.0) '', P_cloref (F1.0) '', P_clona (F1.0) '', P_clomis (F1.0) ''

L X (P_clothg=001 and P_cloref=0 and P_clona=0 and P_clomis=0) and any(P_gloves,0,1)

L X (P_clothg=002 or P_cloref=1 or P_clona=1 or P_clomis=1) and P_gloves=0

Q P_overal 1 232 II

T Which types of protective clothing do you wear while at your primary job? Overalls

V q14f2

P P_clothg (F3.0) '', P_cloref (F1.0) '', P_clona (F1.0) '', P_clomis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_clothg=001 and P_cloref=0 and P_clona=0 and P_clomis=0) and any(P_overal,0,1)

L X (P_clothg=002 or P_cloref=1 or P_clona=1 or P_clomis=1) and P_overal=0

Q P_overct 1 233 II

T Which types of protective clothing do you wear while at your primary job? Overcoat (for example: lab coat; smock)

V q14f3

P P_clothg (F3.0) '', P_cloref (F1.0) '', P_clona (F1.0) '', P_clomis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_clothg=001 and P_cloref=0 and P_clona=0 and P_clomis=0) and any(P_overct,0,1)

L X (P_clothg=002 or P_cloref=1 or P_clona=1 or P_clomis=1) and P_overct=0

Q P_respir 1 234 II

T Which types of protective clothing do you wear while at your primary job? Respirator

V q14f4

P P_clothg (F3.0) '', P_cloref (F1.0) '', P_clona (F1.0) '', P_clomis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_clothg=001 and P_cloref=0 and P_clona=0 and P_clomis=0) and any(P_respir,0,1)

L X (P_clothg=002 or P_cloref=1 or P_clona=1 or P_clomis=1) and P_respir=0

Q P_othclo 1 235 II

T Which types of protective clothing do you wear while at your primary job? Other

V q14f5

P P_clothg (F3.0) '', P_cloref (F1.0) '', P_clona (F1.0) '', P_clomis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_clothg=001 and P_cloref=0 and P_clona=0 and P_clomis=0) and any(P_othclo,0,1)
 L X (P_clothg=002 or P_cloref=1 or P_clona=1 or P_clomis=1) and P_othclo=0

Q P_clodk 1 236 II

T Which types of protective clothing do you wear while at your primary job? Don't know
 V q14f6

P P_clothg (F3.0) '' , P_cloref (F1.0) '' , P_clona (F1.0) '' , P_clomis (F1.0) ''
 Y 0 No

Y 1 Yes

L X (P_clothg=001 and P_cloref=0 and P_clona=0 and P_clomis=0) and any(P_clodk,0,1)
 L X (P_clothg=002 or P_cloref=1 or P_clona=1 or P_clomis=1) and P_clodk=0

Q P_cloref 1 237 II

T Which types of protective clothing do you wear while at your primary job? R
 V q14fr

P P_clothg (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_clothg,002,088,099) and P_cloref=0)
 L X (P_clothg=001 and any(P_cloref,0,1))
 L X (P_clothg=055 and P_cloref=1)

Q P_clona 1 238 II

T Which types of protective clothing do you wear while at your primary job? N
 V q14fn

P P_clothg (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_clothg,002,088,099) and P_clona=1)
 L X (P_clothg=001 and P_clona=0)
 L X (P_clothg=055 and P_clona=0)

Q P_clomis 1 239 II

T Which types of protective clothing do you wear while at your primary job? M
 V q14fm

P P_clothg (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_clothg,002,088,099) and P_clomis=0)
 L X (P_clothg=001 and any(P_clomis,0,1))
 L X (P_clothg=055 and P_clomis=0)

Q P_clooth 1 240 I2

T Which types of protective clothing do you wear while at your primary job? Other (Specify:)
 V q14f5o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,99)

P P_othclo (F1.0) ''

L X (P_othclo=0 and P_clooth=-8)
L X (P_othclo=1 and (range(P_clooth,01,99) or any(P_clooth,-5,-9)))

Q P_sawdus 1 242 II
T While at your primary job, do you come into contact at least once a week with? Saw dust

V q14g1
P P_job (F3.0) '', P_dusref (F1.0) '', P_dusna (F1.0) '', P_dusmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_sawdus,0,1)
L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_sawdus=0

Q P_roadus 1 243 II
T While at your primary job, do you come into contact at least once a week with? Road dust

V q14g2
P P_job (F3.0) '', P_dusref (F1.0) '', P_dusna (F1.0) '', P_dusmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_roadus,0,1)
L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_roadus=0

Q P_fiberg 1 244 II

T While at your primary job, do you come into contact at least once a week with? Fiberglass

V q14g3
P P_job (F3.0) '', P_dusref (F1.0) '', P_dusna (F1.0) '', P_dusmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_fiberg,0,1)
L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_fiberg=0

Q P_silica 1 245 II

T While at your primary job, do you come into contact at least once a week with? Silica (sand blasting)

V q14g4
P P_job (F3.0) '', P_dusref (F1.0) '', P_dusna (F1.0) '', P_dusmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_silica,0,1)
L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_silica=0

Q P_mindus 1 246 II

T While at your primary job, do you come into contact at least once a week with? Mine dust

V q14g5
P P_job (F3.0) '', P_dusref (F1.0) '', P_dusna (F1.0) '', P_dusmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_mindus,0,1)
L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_mindus=0

Q P_surdus 1 247 II

T While at your primary job, do you come into contact at least once a week with? Surface dust in office,
classroom, store

V q14g6

P P_job (F3.0) '' , P_dusref (F1.0) '' , P_dusna (F1.0) '' , P_dusmis (F1.0) ''
 Y 0 No
 Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_surdus,0,1)
 L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_surdus=0

Q P_othdus 1 248 II

T While at your primary job, do you come into contact at least once a week with? Other known type of dust

V q14g7

P P_job (F3.0) '' , P_dusref (F1.0) '' , P_dusna (F1.0) '' , P_dusmis (F1.0) ''
 Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_othdus,0,1)
 L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_othdus=0

Q P_dusdk 1 249 II

T While at your primary job, do you come into contact at least once a week with? Unknown type of dust

V q14g8

P P_job (F3.0) '' , P_dusref (F1.0) '' , P_dusna (F1.0) '' , P_dusmis (F1.0) ''
 Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_dusdk,0,1)
 L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_dusdk=0

Q P_nodus 1 250 II

T While at your primary job, do you come into contact at least once a week with? No contact with dust

V q14g9

P P_job (F3.0) '' , P_dusref (F1.0) '' , P_dusna (F1.0) '' , P_dusmis (F1.0) ''
 Y 0 No

Y 1 Yes

L X (P_job=001 and P_dusref=0 and P_dusna=0 and P_dusmis=0) and any(P_sawdus,0,1)
 L X (P_job=002 or P_dusref=1 or P_dusna=1 or P_dusmis=1) and P_clodk=0

Q P_dusref 1 251 II

T While at your primary job, do you come into contact at least once a week with? T

V q14gr

P P_job (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_job,002,088,099) and P_dusref=0)

L X (P_job=001 and any(P_dusref,0,1))

L X (P_job=055 and P_dusref=1)

Q P_dusna 1 252 II

T While at your primary job, do you come into contact at least once a week with? N

V q14gn

P P_job (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_job,002,088,099) and P_dusna=1)

L X (P_job=001 and P_dusna=0)

L X (P_job=055 and P_dusna=0)

Q P_dusmis 1 253 I1

T While at your primary job, do you come into contact at least once a week with? M

V q14gm

P P_job (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_job,002,088,099) and P_dusmis=0)

L X (P_job=001 and any(P_dusmis,0,1))

L X (P_job=055 and P_dusmis=0)

Q P_dusoth 1 254 I2

T While at your primary job, do you come into contact at least once a week with? Other (Specify:)

V q14g7o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,36)

P P_othdus (F1.0) ''

L X (P_othdus=0 and P_dusoth=-8)

L X (P_othdus=1 and (range(P_dusoth,01,36) or any(P_dusoth,-5,-9)))

Q P_weldin 1 256 I1

T While at your primary job, do you come into contact at least once a week with? Welding fumes

V q14h1

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_weldin,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_weldin=0

Q P_solder 1 257 I1

T While at your primary job, do you come into contact at least once a week with? Solder or flux fumes

V q14h2

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_solder,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_solder=0

Q P_plastic 1 258 I1

T While at your primary job, do you come into contact at least once a week with? Plastic fumes

V q14h3

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_plastic,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_plastic=0

Q P_paint 1 259 I1

T While at your primary job, do you come into contact at least once a week with? Paint fumes

V q14h4

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_paint,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_paint=0

Q P_gasoln 1 260 II

T While at your primary job, do you come into contact at least once a week with? Gasoline or diesel fumes
V q14h5

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_gasoln,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_gasoln=0

Q P_othfum 1 261 II

T While at your primary job, do you come into contact at least once a week with? Other known type of fumes, smoke, gas, or vapors

V q14h6

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_othfum,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_othfum=0

Q P_fumdk 1 262 II

T While at your primary job, do you come into contact at least once a week with? Unknown type of fumes, smoke, gas, or vapors

V q14h7

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_fumdk,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_fumdk=0

Q P_nofum 1 263 II

T While at your primary job, do you come into contact at least once a week with? No contact with fumes, smoke, gas, or vapors

V q14h8

P P_job (F3.0) '', P_fumref (F1.0) '', P_fumna (F1.0) '', P_fummis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_job=001 and P_fumref=0 and P_fumna=0 and P_fummis=0) and any(P_nofum,0,1)

L X (P_job=002 or P_fumref=1 or P_fumna=1 or P_fummis=1) and P_nofum=0

Q P_fumref 1 264 II

T While at your primary job, do you come into contact at least once a week with? R

V q14hr

P P_job (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_job,002,088,099) and P_fumref = 0)
 L X (P_job=001 and any(P_fumref,0,1))
 L X (P_job=055 and P_fumref=1)

Q P_fumna 1 265 II

T While at your primary job, do you come into contact at least once a week with? N
 V q14hn

P P_job (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_job,002,088,099) and P_fumna=1)

L X (P_job=001 and P_fumna=0)

L X (P_job=055 and P_fumna=0)

Q P_fummis 1 266 II

T While at your primary job, do you come into contact at least once a week with? M
 V q14hm

P P_job (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_job,002,088,099) and (any(P_fummis,0,1)))

L X (P_job=001 and any(P_fummis,0,1))

L X (P_job=055 and P_fummis=0)

Q P_fumoth 1 267 I2

T While at your primary job, do you come into contact at least once a week with? Other (Specify:)
 V q14h6o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,60)

P P_othfum (F1.0) ''

L X (P_othfum=0 and P_fumoth=-8)

L X (P_othfum=1 and (range(P_fumoth,01,60) or any(P_fumoth,-5,-9)))

Q P_pestic 1 269 I3

T Does he or she come into contact with chemicals used to kill insects, rodents, or weeds at least once a week while at his/her primary job?

V q14i

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and P_pestic=088)

L X (P_job=001 and any(P_pestic,001,002,055,099))

L X (P_job=055 and P_pestic=055)

Q P_raid 1 272 II

T If yes, with which types of chemicals do you come into contact while at your primary job? Raid/Black Flag

V q14j1

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_raid,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_raid=0

Q P_insect 1 273 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? Insect Repellents

V q14j2

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_insect,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_insect=0

Q P_chlorp 1 274 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? Chlorpyrifos, Dursban, Lorsban, Trichlorpyrphos, Pyrines, Dowco 179, Brodan

V q14j3

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_chlorp,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_chlorp=0

Q P_malath 1 275 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? Malathion, Cythion, Chemathion, Malaspray, Zithiol

V q14j4

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_malath,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_malath=0

Q P_diazin 1 276 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? Diazinon; D-100; D-500

V q14j5

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_diazin,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_diazin=0

Q P_carbar 1 277 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? Carbaryl, Sevin, Tricarnas, UC 7744

V q14j6

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_carbar,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_carbar=0

Q P_othter 1 278 II

T If yes, with which types of chemicals do you come into contact while at your primary job? Other known
termiticides

V q14j7

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_othter,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_othter=0

Q P_othpes 1 279 II

T If yes, with which types of chemicals do you come into contact while at your primary job? Other known
pesticides/insecticides

V q14j8

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_othpes,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_othpes=0

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_othpes=0

Q P_Atraz 1 280 II

T If yes, with which types of chemicals do you come into contact while at your primary job? Atrazine,
Aatrex, Vectal SC, Atratol, Gesaprim, Primatol A

V q14j9

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_Atraz,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_Atraz=0

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_Atraz=0

Q P_othher 1 281 II

T If yes, with which types of chemicals do you come into contact while at your primary job? Other known
herbicides

V q14j10

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_othher,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_othher=0

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_othher=0

Q P_fungic 1 282 II

T If yes, with which types of chemicals do you come into contact while at your primary job? Fungicides

V q14j11

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_fungic,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_fungic=0

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_fungic=0

Q P_pesdk 1 283 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? Unknown type of pesticide, insecticide, herbicide, or fungicide

V q14j12

P P_pestic (F3.0) '', P_pesref (F1.0) '', P_pesna (F1.0) '', P_pesmis (F1.0) ''

Y 0 No

Y 1 Yes

L X (P_pestic=001 and P_pesref=0 and P_pesna=0 and P_pesmis=0) and any(P_pesdk,0,1)

L X (P_pestic=002 or P_pesref=1 or P_pesna=1 or P_pesmis=1) and P_pesdk=0

Q P_pesref 1 284 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? R

V q14jr

P P_pestic (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_pestic,002,088,099) and P_pesref=0)

L X (P_pestic=001 and any(P_pesref,0,1))

L X (P_pestic=055 and P_pesref=1)

Q P_pesna 1 285 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? N

V q14jn

P P_pestic (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_pestic,002,088,099) and P_pesna=1)

L X (P_pestic=001 and P_pesna=0)

L X (P_pestic=055 and P_pesna=0)

Q P_pesmis 1 286 I1

T If yes, with which types of chemicals do you come into contact while at your primary job? M

V q14jm

P P_pestic (F3.0) ''

Y 0 No

Y 1 Yes

L X (any(P_pestic,002,088,099) and any(P_pesmis,0,1))

L X (P_pestic=001 and any(P_pesmis,0,1))

L X (P_pestic=055 and P_pesmis=0)

Q P_pesot1 1 287 I3

T If yes, with which types of chemicals do you come into contact while at your primary job? P. Code 1

V q14j7o

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P P_othter (F1.0) ''

L X (P_othter=0 and P_pesot1=-88)

L X (P_othter=1 and (range(P_pesot1,001,999) or any(P_pesot1,-55,-99))))

Q P_pesot2 1 290 I3

T If yes, with which types of chemicals do you come into contact while at your primary job? P. Code 2

V q14j8o

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P P_othpes (F1.0) ''

L X (P_othpes=0 and P_pesot2=-88)

L X (P_othpes=1 and (range(P_pesot2,001,999) or any(P_pesot2,-55,-99)))

Q P_pesot3 1 293 I3

T If yes, with which types of chemicals do you come into contact while at your primary job? P. Code 3

V q14j10o

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P P_othher (F1.0) ''

L X (P_othher=0 and P_pesot3=-88)

L X (P_othher=1 and (range(P_pesot3,001,999) or any(P_pesot3,-55,-99)))

Q S_job 1 296 I3

T Does he or she have a second job?

V q15

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P P_job (F3.0) ''

L X (any(P_job,002,088,099) and S_job=088)

L X (P_job=001 and any(S_job,001,002,055,099))

L X (P_job=055 and S_job=055)

Q S_jobhrs 1 299 I3

T On average for the past month, how many hours per week did you work at your second job?

V q16a1

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (000,080)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_jobhrs=-88)

L X (S_job=001 and (range(S_jobhrs,000,080) or any(S_jobhrs,-55,-99)))

L X (S_job=055 and S_jobhrs=-55)

Q S_homhrs 1 302 I3

T On average, how many of these hours were spent working at home?

V q16a2

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (000,080)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_homhrs=-88)

L X (S_job=001 and (range(S_homhrs,000,080) or any(S_homhrs,-55,-99)))

L X (S_job=055 and S_homhrs=-55)

Q S_busin 1 305 I2

T What kind of business or industry is this? (For example, manufacturing, retail store, government, farm, school)

V q16b

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,99)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_busin=-8)

L X (S_job=001 and (range(S_busin,01,99) or any(S_busin,-5,-9)))

L X (S_job=055 and S_busin=-5)

Q S_jobtit 1 307 I2

T What is your job title? (For example, electrical engineer, stock clerk, typist, farmer.)

V q16c

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,99)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_jobtit=-8)

L X (S_job=001 and (range(S_jobtit,01,99) or any(S_jobtit,-5,-9)))

L X (S_job=055 and S_jobtit=-5)

Q S_duty1 1 309 I3

T What activities do you perform most often as part of your duties at that job? (For example, typing, keeping account books, filing, selling cars, operating printing press, finishing concrete.): Duty 1 Code

V q16d1

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_duty1=-88)

L X (S_job=001 and (range(S_duty1,001,999) or any(S_duty1,-55,-99)))

L X (S_job=055 and S_duty1=-55)

Q S_duty2 1 312 I3

T What activities do you perform most often as part of your duties at that job? (For example, typing, keeping account books, filing, selling cars, operating printing press, finishing concrete.): Duty 2 Code

V q16d2

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_duty2=-88)

L X S_job=001 and (range(S_duty2,001,999) or any(S_duty2,-55,-88,-99))

L X (S_job=055 and S_duty2=-55)

Q S_duty3 1 315 I3

T What activities do you perform most often as part of your duties at that job? (For example, typing, keeping account books, filing, selling cars, operating printing press, finishing concrete.): Duty 3 Code

V q16d3

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_duty3=-88)

L X S_job=001 and (range(S_duty3,001,999) or any(S_duty3,-55,-88,-99))

L X (S_job=055 and S_duty3=-55)

Q S_clothg 1 318 I3

T Do you wear protective clothing while at your second job?

V q16e

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_clothg=088)

L X (S_job=001 and any(S_clothg,001,002,055,099))

L X (S_job=055 and S_clothg=055)

Q S_gloves 1 321 I1

T Which types of protective clothing do you wear while at your second job? Gloves

V q16f1

Y 0 No

Y 1 Yes

P S_clothg (F3.0) '', S_cloref (F1.0) '', S_clona (F1.0) '', S_clomis (F1.0) ''

L X (S_clothg=001 and S_cloref=0 and S_clona=0 and S_clomis=0) and any(S_gloves,0,1)

L X (S_clothg=002 or S_cloref=1 or S_clona=1 or S_clomis=1) and S_gloves=0

Q S_overal 1 322 I1

T Which types of protective clothing do you wear while at your second job? Overalls

V q16f2

Y 0 No

Y 1 Yes

P S_clothg (F3.0) '', S_cloref (F1.0) '', S_clona (F1.0) '', S_clomis (F1.0) ''

L X (S_clothg=001 and S_cloref=0 and S_clona=0 and S_clomis=0) and any(S_overal,0,1)

L X (S_clothg=002 or S_cloref=1 or S_clona=1 or S_clomis=1) and S_overal=0

Q S_overct 1 323 I1

T Which types of protective clothing do you wear while at your second job? Overcoat (for example: lab coat; smock)

V q16f3

P S_clothg (F3.0) '', S_cloref (F1.0) '', S_clona (F1.0) '', S_clomis (F1.0) ''

Y 0 No

Y 1 Yes

L X (S_clothg=001 and S_cloref=0 and S_clona=0 and S_clomis=0) and any(S_overct,0,1)

L X (S_clothg=002 or S_cloref=1 or S_clona=1 or S_clomis=1) and S_overct=0

Q S_respir 1 324 I1

T Which types of protective clothing do you wear while at your second job? Respirator

V q16f4

P S_clothg (F3.0) '', S_cloref (F1.0) '', S_clona (F1.0) '', S_clomis (F1.0) ''

Y 0 No

Y 1 Yes

L X (S_clothg=001 and S_cloref=0 and S_clona=0 and S_clomis=0) and any(S_respir,0,1)

L X (S_clothg=002 or S_cloref=1 or S_clona=1 or S_clomis=1) and S_respir=0

Q S_othclo 1 325 I1

T Which types of protective clothing do you wear while at your second job? Other

V q16f5

Y 0 No

Y 1 Yes

P S_clothg (F3.0) '', S_cloref (F1.0) '', S_clona (F1.0) '', S_clomis (F1.0) ''

L X (S_clothg=001 and S_cloref=0 and S_clona=0 and S_clomis=0) and any(S_othclo,0,1)

L X (S_clothg=002 or S_cloref=1 or S_clona=1 or S_clomis=1) and S_othclo=0

Q S_cloclk 1 326 I1

T Which types of protective clothing do you wear while at your second job? Don't know

V q16f6

Y 0 No

Y 1 Yes

P S_clothg (F3.0) '', S_cloref (F1.0) '', S_clona (F1.0) '', S_clomis (F1.0) ''

L X (S_clothg=001 and S_cloref=0 and S_clona=0 and S_clomis=0) and any(S_cloclk,0,1)

L X (S_clothg=002 or S_cloref=1 or S_clona=1 or S_clomis=1) and S_cloclk=0

Q S_cloref 1 327 I1

T Which types of protective clothing do you wear while at your second job? R

V q16fr

Y 0 No

Y 1 Yes

P S_clothg (F3.0) ''

L X (any(S_clothg,002,088,099) and S_cloref=0)

L X (S_clothg=001 and any(S_cloref,0,1))

L X (S_clothg=0055 and S_cloref=1)

Q S_clona 1 328 I1

T Which types of protective clothing do you wear while at your second job? N

V q16fn

Y 0 No

Y 1 Yes

P S_clothg (F3.0) ''

L X (any(S_clothg,002,088,099) and S_clona=1)

L X (S_clothg=001 and S_clona=0)

L X (S_clothg=055 and S_clona=0)

Q S_clomis 1 329 I1

T Which types of protective clothing do you wear while at your second job? M

V q16fm

Y 0 No

Y 1 Yes

P S_clothg (F3.0) ''

L X (any(S_clothg,002,088,099) and S_clomis=0)

L X (S_clothg=001 and any(S_clomis,0,1))

L X (S_clothg=055 and S_clomis=0)

Q S_clooth 1 330 I2

T Which types of protective clothing do you wear while at your second job? Other (Specify:)

V q16f5o

Y -5 Refusal Value

Y -8 Default Value

Y -9 Missing Value

R (01,20)

P S_othclo (F1.0) ''

L X (S_othclo=0 and S_clooth=-8)

L X S_othclo=1 and (range(S_clooth,01,20) or any(S_clooth,-5,-9))

Q S_sawdus 1 332 I1

T While at your second job, do you come into contact at least once a week with? Saw dust

V q16g1

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_sawdus,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_sawdus=0

Q S_roadus 1 333 I1

T While at your second job, do you come into contact at least once a week with? Road dust

V q16g2

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_roadus,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_roadus=0

Q S_fiberg 1 334 I1

T While at your second job, do you come into contact at least once a week with? Fiberglass

V q16g3

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_fiberg,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_fiberg=0

Q S_silica 1 335 II

T While at your second job, do you come into contact at least once a week with? Silica (sand blasting)

V q16g4

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_silica,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_silica=0

Q S_mindus 1 336 II

T While at your second job, do you come into contact at least once a week with? Mine dust

V q16g5

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_mindus,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_mindus=0

Q S_surdus 1 337 II

T While at your second job, do you come into contact at least once a week with? Surface dust in office, classroom, store

V q16g6

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_surdus,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_surdus=0

Q S_othdus 1 338 II

T While at your second job, do you come into contact at least once a week with? Other known type of dust

V q16g7

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_othdus,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_othdus=0

Q S_dusdk 1 339 II

T While at your second job, do you come into contact at least once a week with? Unknown type of dust

V q16g8

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_dusdk,0,1)

L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_dusdk=0

Q S_nodus 1 340 II

T While at your second job, do you come into contact at least once a week with? No contact with dust

V q16g9

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_dusref (F1.0) '', S_dusna (F1.0) '', S_dusmis (F1.0) ''

L X (S_job=001 and S_dusref=0 and S_dusna=0 and S_dusmis=0) and any(S_nodus,0,1)
 L X (S_job=002 or S_dusref=1 or S_dusna=1 or S_dusmis=1) and S_nodus=0

Q S_dusref 1 341 I1

T While at your second job, do you come into contact at least once a week with? R

V q16gr

Y 0 No

Y 1 Yes

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_dusref=0)

L X (S_job=001 and any(S_dusref,0,1))

L X (S_job=055 and S_dusref=1)

Q S_dusna 1 342 I1

T While at your second job, do you come into contact at least once a week with? N

V q16gn

Y 0 No

Y 1 Yes

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_dusna=1)

L X (S_job=001 and S_dusna=0)

L X (S_job=055 and S_dusna=0)

Q S_dusmis 1 343 I1

T While at your second job, do you come into contact at least once a week with? M

V q16gm

Y 0 No

Y 1 Yes

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_dusmis=0)

L X (S_job=001 and any(S_dusmis,0,1))

L X (S_job=055 and S_dusmis=0)

Q S_dusoth 1 344 I2

T While at your second job, do you come into contact at least once a week with? Other

V q16g7o

Y -5 Refusal Value

Y -8 Default Value

Y -9 Missing Value

R (01,35)

P S_othdus (F1.0) ''

L X (S_othdus=0 and S_dusoth=-8)

L X S_othdus=1 and (range(S_dusoth,01,35) or any(S_dusoth,-5,-9))

Q S_weldin 1 346 I1

T While at your second job, do you come into contact at least once a week with? Welding fumes

V q16h1

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_weldin,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_weldin=0

Q S_solder 1 347 II

T While at your second job, do you come into contact at least once a week with? Solder or flux fumes
V q16h2

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_solder,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_solder=0

Q S_plastc 1 348 II

T While at your second job, do you come into contact at least once a week with? Plastic fumes
V q16h3

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_plastc,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_plastc=0

Q S_paint 1 349 II

T While at your second job, do you come into contact at least once a week with? Paint fumes
V q16h4

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_paint,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_paint=0

Q S_gasoln 1 350 II

T While at your second job, do you come into contact at least once a week with? Gasoline or diesel fumes
V q16h5

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_gasoln,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_gasoln=0

Q S_othfum 1 351 II

T While at your second job, do you come into contact at least once a week with? Other known type of fumes, smoke, gas, or vapors

V q16h6

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_othfum,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_othfum=0

Q S_fumdk 1 352 II

T While at your second job, do you come into contact at least once a week with? Unknown type of fumes, smoke, gas, or vapors

V q16h7

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_fumdk,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_fumdk=0

Q S_nofum 1 353 I1

T While at your second job, do you come into contact at least once a week with? No contact with fumes, smoke, gas, or vapors

V q16h8

Y 0 No

Y 1 Yes

P S_job (F3.0) '', S_fumref (F1.0) '', S_fumna (F1.0) '', S_fummis (F1.0) ''

L X (S_job=001 and S_fumref=0 and S_fumna=0 and S_fummis=0) and any(S_nofum,0,1)

L X (S_job=002 or S_fumref=1 or S_fumna=1 or S_fummis=1) and S_nofum=0

Q S_fumref 1 354 I1

T While at your second job, do you come into contact at least once a week with? R

V q16hr

Y 0 No

Y 1 Yes

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_fumref=0)

L X (S_job=001 and any(S_fumref,0,1))

L X (S_job=055 and S_fumref=1)

Q S_fumna 1 355 I1

T While at your second job, do you come into contact at least once a week with? N

V q16hn

Y 0 No

Y 1 Yes

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_fumna=1)

L X (S_job=001 and S_fumna=0)

L X (S_job=055 and S_fumna=0)

Q S_fummis 1 356 I1

T While at your second job, do you come into contact at least once a week with? M

V q16hm

Y 0 No

Y 1 Yes

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_fummis=0)

L X (S_job=001 and any(S_fummis,0,1))

L X (S_job=055 and S_fummis=0)

Q S_fumoth 1 357 I2

T While at your second job, do you come into contact at least once a week with? Other (Specify:)

V q16h6o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,20)

P S_othfum (F1.0) ''

L X (S_othfum=0 and S_fumoth=-8)

L X (S_othfum=1 and (range(S_fumoth,01,20) or any(S_fumoth,-5,-9)))

Q S_pestic 1 359 I3

T Does he or she come into contact with chemicals used to kill insects, rodents, or weeds at least once a week while at his/her second job?

V q16i

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P S_job (F3.0) ''

L X (any(S_job,002,088,099) and S_pestic=088)

L X (S_job=001 and any(S_pestic,001,002,055,099))

L X (S_job=055 and S_pestic=055)

Q S_raid 1 362 II

T If yes, with which types of chemicals do you come into contact while at your second job? Raid/Black Flag

V q16j1

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_raid,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_raid=0

Q S_insect 1 363 II

T If yes, with which types of chemicals do you come into contact while at your second job? Insect Repellents

V q16j2

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_insect,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_insect=0

Q S_chlorp 1 364 II

T If yes, with which types of chemicals do you come into contact while at your second job? Chlorpyrifos, Dursban, Lorsban, Trichlorpyrophos, Pyrines, Dowco 179, Brodan

V q16j3

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_chlorp,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_chlorp=0

Q S_malath 1 365 II

T If yes, with which types of chemicals do you come into contact while at your second job? Malathion, Cythion, Chemathion, Malaspray, Zithiol

V q16j4

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_malath,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_malath=0

Q S_diazin 1 366 II

T If yes, with which types of chemicals do you come into contact while at your second job? Diazinon; D-100; D-500

V q16j5

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_diazin,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_diazin=0

Q S_carbar 1 367 II

T If yes, with which types of chemicals do you come into contact while at your second job? Carbaryl, Sevin, Tricarnas, UC 7744

V q16j6

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_carbar,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_carbar=0

Q S_othter 1 368 II

T If yes, with which types of chemicals do you come into contact while at your second job? Other known termiticides

V q16j7

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_othter,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_othter=0

Q S_othpes 1 369 II

T If yes, with which types of chemicals do you come into contact while at your second job? Other known pesticides/insecticides

V q16j8

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''

L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_othpes,0,1)

L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_othpes=0

Q S_Atraz 1 370 II

T If yes, with which types of chemicals do you come into contact while at your second job? Atrazine, Aatrex, Vectal SC, Atratol, Gesaprim, Primatol A

V q16j9

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''
 L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_Atraz,0,1)
 L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_Atraz=0

Q S_othher 1 371 II

T If yes, with which types of chemicals do you come into contact while at your second job? Other known herbicides

V q16j10

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''
 L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_othher,0,1)
 L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_othher=0

Q S_fungic 1 372 II

T If yes, with which types of chemicals do you come into contact while at your second job? Fungicides

V q16j11

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''
 L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_fungic,0,1)
 L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_fungic=0

Q S_pesdk 1 373 II

T If yes, with which types of chemicals do you come into contact while at your second job? Unknown type of pesticide, insecticide, herbicide, or fungicide

V q16j12

Y 0 No

Y 1 Yes

P S_pestic (F3.0) '', S_pesref (F1.0) '', S_pesna (F1.0) '', S_pesmis (F1.0) ''
 L X (S_pestic=001 and S_pesref=0 and S_pesna=0 and S_pesmis=0) and any(S_pesdk,0,1)
 L X (S_pestic=002 or S_pesref=1 or S_pesna=1 or S_pesmis=1) and S_pesdk=0

Q S_pesref 1 374 II

T If yes, with which types of chemicals do you come into contact while at your second job? R

V q16jr

Y 0 No

Y 1 Yes

P s_pestic (F3.0) ''

L X (any(s_pestic,002,088,099) and S_pesref=0)

L X (S_pestic=001 and any(S_pesref,0,1))

L X (S_pestic=055 and S_pesref=1)

Q S_pesna 1 375 II

T If yes, with which types of chemicals do you come into contact while at your second job? N

V q16jn

Y 0 No

Y 1 Yes

P S_pestic (F3.0) ''

L X (any(S_pestic,002,088,099) and S_pesna=1)

L X (S_pestic=001 and S_pesna=0)

L X (S_pestic=055 and S_pesna=0)

Q S_pesmis 1 376 I1

T If yes, with which types of chemicals do you come into contact while at your second job? M

V q16jm

Y 0 No

Y 1 Yes

P S_pestic (F3.0) ''

L X (any(S_pestic,002,088,099) and s_pesmis=0)

L X (S_pestic=001 and any(S_pesmis,0,1))

L X (S_pestic=055 and S_pesmis=0)

Q S_pesot1 1 377 I3

T If yes, with which types of chemicals do you come into contact while at your second job? P. Code 1

V q16j7o

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P S_othter (F1.0) ''

L X (S_othter=0 and S_pesot1=-88)

L X (S_othter=1 and (range(S_pesot1,001,999) or any(S_pesot1,-55,-99))))

Q S_pesot2 1 380 I3

T If yes, with which types of chemicals do you come into contact while at your second job? P. Code 2

V q16j8o

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P S_othpes (F1.0) ''

L X (S_othpes=0 and S_pesot2=-88)

L X (S_othpes=1 and (range(S_pesot2,001,999) or any(S_pesot2,-55,-99))))

Q S_pesot3 1 383 I3

T If yes, with which types of chemicals do you come into contact while at your second job? P. Code 3

V q16j10o

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P S_othter (F1.0) ''

L X (S_othter=0 and S_pesot3=-88)

L X (S_othter=1 and (range(S_pesot3,001,999) or any(S_pesot3,-55,-99))))

Q School 1 386 I3

T Do you attend classes as a student at any location away from your home?

V q17a

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(School,001,002,055,099))

L X (Formstat=03 and any(School,001,002,055,088,099))

L X (any(Formstat,02,05,09) and School=088)

- * Once all of the batches have been processed. The dictionary needs to be changed
- * so it stops on this variable anytime the answer is five. If the answer is five,
- * it is changed to 35 if the respondent is younger than 17. It is assumed that the
- * subject went to school for five days, not five hours. It is recoded accordingly.
- * Also have Shan Jin check to see how frequently the answer five is put.

Q Schoolhr 1 389 I3

T On average for the past month, how many hours per week did you attend classes as a student?

V q17b

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (000,070)

P School (F3.0) ''

L X (any(School,002,088,099) and schoolhr=-88)

L X (School=001 and (range(schoolhr,000,070) or any(Schoolhr,-55,-99)))

L X (School=055 and Schoolhr=-55)

Q Awaykid 1 392 I3

T How many hours per week do children spend away from home, school, neighbor's, daycare etc.

V q18a

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (000,070)

P School (F3.0) ''

L X any(School,002,088) and (range(Awaykid,000,070) or any(Awaykid,-55,-88,-99))

L X (any(School,001,099) and (range(Awaykid,000,070) or any(Awaykid,-55,-88,-99)))

L X (School=055 and Awaykid=-55)

Q Anohome 1 395 I1

T Where does he or she spend this time away from home? another home

V q18b1

Y 0 No

Y 1 Yes

P Awaykid (F3.0) '', Away_ref (F1.0) '', Away_na (F1.0) '', Away_mis (F1.0) ''

L X (Awaykid>000 and Away_ref=0 and Away_na=0 and Away_mis=0) and any(Anohome,0,1)

L X (Awaykid=000 or Away_ref=1 or Away_na=1 or Away_mis=1) and Anohome=0

Q Daycare 1 396 I1

T Where does he or she spend this time away from home? Daycare, preschool, nursery school

V q18b2

Y 0 No

Y 1 Yes

P Awaykid (F3.0) '', Away_ref (F1.0) '', Away_na (F1.0) '', Away_mis (F1.0) ''

L X (Awaykid>000 and Away_ref=0 and Away_na=0 and Away_mis=0) and any(Daycare,0,1)

L X (Awaykid=000 or Away_ref=1 or Away_na=1 or Away_mis=1) and Daycare=0

Q Othschol 1 397 I1

T Where does he or she spend this time away from home? Other school

V q18b3

Y 0 No

Y 1 Yes

P Awaykid (F3.0) '', Away_ref (F1.0) '', Away_na (F1.0) '', Away_mis (F1.0) ''

L X (Awaykid>000 and Away_ref=0 and Away_na=0 and Away_mis=0) and any(Othschol,0,1)

L X (Awaykid=000 or Away_ref=1 or Away_na=1 or Away_mis=1) and Othschol=0

Q Awayoth 1 398 I1

T Where does he or she spend this time away from home? Other school

V q18b4

Y 0 No

Y 1 Yes

P Awaykid (F3.0) '', Away_ref (F1.0) '', Away_na (F1.0) '', Away_mis (F1.0) ''

L X (Awaykid>000 and Away_ref=0 and Away_na=0 and Away_mis=0) and any(Awayoth,0,1)

L X (Awaykid=000 or Away_ref=1 or Away_na=1 or Away_mis=1) and Awayoth=0

Q Away_ref 1 399 I1

T Where does he or she spend this time away from home?

V q18b5

Y 0 No

Y 1 Yes

P School (F3.0) ''

L X (any(School,002,088,099) and Away_ref=0)

L X (School=001 and any(Away_ref,0,1))

L X (School=055 and Away_ref=1)

Q Away_na 1 400 I1

T Where does he or she spend this time away from home?

V q18b6

Y 0 No

Y 1 Yes

P School (F3.0) ''

L X (any(School,002,088,099) and any(Away_na,0,1))

L X (School=001 and any(Away_na,0,1))

L X (School=055 and any(Away_na,0,1))

Q Away_mis 1 401 I1

T Where does he or she spend this time away from home?

V q18b7

Y 0 No

Y 1 Yes

P School (F3.0) ''

L X (any(School,002,088,099) and away_mis=0)

L X (School=001 and any(Away_mis,0,1))

L X (School=055 and Away_mis=0)

Q Awayloco 1 402 I2

T Where does he or she spend this time away from home?

V q18b4o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P Awayoth (F1.0) ''

L X (Awayoth=0 and Awayloco=-8)

L X (Awayoth=1 and (range(Awayloco,01,10) or any(Awayloco,-5,-9)))

Q Car 1 404 I1

T What methods of transportaion did he or she use in the past 6 months? car

V q19a

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Car,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Car=0

Q Bus 1 405 I1

T What methods of transportaion did he or she use in the past 6 months? bus

V q19b

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Bus,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Bus=0

Q Train 1 406 I1

T What methods of transportaion did he or she use in the past 6 months? train

V q19c

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Train,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Train=0

Q Motorcyc 1 407 I1

T What methods of transportaion did he or she use in the past 6 months? motorcycle

V q19d

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Motorcyc,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Motorcyc=0

Q Bicycle 1 408 I1

T What methods of transportaion did he or she use in the past 6 months? bike

V q19e

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Bicycle,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Bicycle=0

Q Walk 1 409 I1

T What methods of transportaion did he or she use in the past 6 months? walk
V q19f

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Walk,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Walk=0

Q Tran_oth 1 410 I1

T What methods of transportaion did he or she use in the past 6 months? other
V q19g

Y 0 No

Y 1 Yes

P Tran_ref (F1.0) '', Tran_na (F1.0) '', Tran_mis (F1.0) ''

L X (Tran_ref=0 and Tran_na=0 and Tran_mis=0) and any(Tran_oth,0,1)

L X (Tran_ref=1 or Tran_na=1 or Tran_mis=1) and Tran_oth=0

Q Tran_ref 1 411 I1

T What methods of transportaion did he or she use in the past 6 months?

V q19h

Y 0 No

Y 1 Yes

P Formstat (F3.0) ''

L X (any(Formstat,01,03) and any(Tran_ref,0,1))

L X (any(Formstat,02,05,09) and Tran_ref=0)

Q Tran_na 1 412 I1

T What methods of transportaion did he or she use in the past 6 months?

V q19i

Y 0 No

Y 1 Yes

P Formstat (F3.0) ''

L X (any(Formstat,01,03) and Tran_na=0)

L X (any(Formstat,02,05,09) and Tran_na=1)

Q Tran_mis 1 413 I1

T What methods of transportaion did he or she use in the past 6 months?

V q19j

Y 0 No

Y 1 Yes

P Formstat (F3.0) ''

L X (any(Formstat,01,03) and any(Tran_mis,0,1))

L X (any(Formstat,02,05,09) and Tran_mis=0)

Q Tranmodo 1 414 I2

T What methods of transportaion did he or she use in the past 6 months? other

V q19go

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P Tran_oth (F1.0) ''

L X (Tran_oth=0 and Tranmodo=-8)

L X (Tran_oth=1 and (range(Tranmodo,01,10) or any(Tranmodo,-5,-9)))

Q Health 1 416 I3

T How would he or she describe his or her current health?

V q20

Y 001 Good

Y 002 Fair

Y 003 Poor

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Health,001,002,003,055,099))

L X (Formstat=03 and any(Health,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Health=088)

Q Diab_evr 1 419 I3

T Has he or she ever been diabetic?

V q21a1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Diab_evr,001,002,055,099))

L X (Formstat=03 and any(Diab_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Diab_evr=088)

Q Diab_doc 1 422 I3

T Was he or she told this by a doctor?

V q21a2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Diab_evr (F3.0) ''

L X (any(Diab_evr,002,088,099) and Diab_doc=088)

L X (Diab_evr=001 and any(Diab_doc,001,002,055,099))

L X (Diab_evr=055 and Diab_doc=055)

Q Diab_now 1 425 I3

T Is he or she diabetic now?

V q21a3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Diab_evr (F3.0) ''

L X (any(Diab_evr,002,088,099) and Diab_now=088)
 L X (Diab_evr=001 and any(Diab_now,001,002,055,099))
 L X (Diab_evr=055 and Diab_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Diab_age 1 428 I3

T How old was he or she when the doctor or nurse first told him?

V q21a4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Diab_evr (F3.0) '', Diab_doc (F3.0) ''

L X (any(Diab_doc,002,088,099) and Diab_age=-88)
 L X (Diab_doc=001 and (range(Diab_age,000,080) or any(Diab_age,-55,-99)))
 L X (Diab_evr=055 and Diab_age=-55)

Q Neur_evr 1 431 I3

T Has he or she ever been diagnosed with neuromuscular disease?

V q21b1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Neur_evr,001,002,055,099))
 L X (Formstat=03 and any(Neur_evr,001,002,003,055,088,099))
 L X (any(Formstat,02,05,09) and Neur_evr=088)

Q Neur_doc 1 434 I3

T Was he or she told they had this by a doctor or nurse?

V q21b2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Neur_evr (F3.0) ''

L X (any(Neur_evr,002,088,099) and Neur_doc=088)
 L X (Neur_evr=001 and any(Neur_doc,001,002,055,099))
 L X (Neur_evr=055 and Neur_doc=055)

Q Neur_now 1 437 I3

T Does he or she have neuromuscular disease now?

V q21b3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M
P Neur_evr (F3.0) ''
L X (any(Neur_evr,002,088,099) and Neur_now=088)
L X (Neur_evr=001 and any(Neur_now,001,002,055,099))
L X (Neur_evr=055 and Neur_now=055)

- * If the respondent put in a value for this variable but answered "No" to being told this by a doctor, this variable is coded as N/A

Q Neur_age 1 440 I3
T How old were they when they were diagnosed with this?

V q21b4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value

R (0,80)

P Neur_evr (F3.0) '', Neur_doc (F3.0) ''
L X (any(Neur_doc,002,088,099) and Neur_age=-88)
L X (Neur_doc=001 and (range(Neur_age,000,080) or any(Neur_age,-55,-99)))
L X (Neur_evr=055 and Neur_age=-55)

Q Asth_evr 1 443 I3
T Has he or she ever been diagnosed with asthma?

V q21c1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and any(Asth_evr,001,002,055,099))
L X (Formstat=03 and any(Asth_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Asth_evr=088)

Q Asth_doc 1 446 I3
T Was he or she notified of this by a doctor?

V q21c2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Asth_evr (F3.0) ''
L X (any(Asth_evr,002,088,099) and Asth_doc=088)
L X (Asth_evr=001 and any(Asth_doc,001,002,055,099))
L X (Asth_evr=055 and Asth_doc=055)

Q Asth_now 1 449 I3
T Does he or she have asthma now?

V q21c3
Y 001 Yes
Y 002 No
Y 055 R

Y 088 N
Y 099 M
P Asth_evr (F3.0) ''
L X (any(Asth_evr,002,088,099) and Asth_now=088)
L X (Asth_evr=001 and any(Asth_now,001,002,055,099))
L X (Asth_evr=055 and Asth_now=055)

* If the respondent put in a value for this variable but answered
* "No" to being told this by a doctor, this variable is coded as N/A

Q Asth_age 1 452 I3
T At what age was he or she diagnosed with asthma?

V q21c4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (0,80)

P Asth_evr (F3.0) '', Asth_doc (F3.0) ''
L X (any(Asth_doc,002,088,099) and Asth_age=-88)
L X (Asth_doc=001 and (range(Asth_age,000,080) or any(Asth_age,-55,-99)))
L X (Asth_evr=055 and Asth_age=-55)

Q Ulcr_evr 1 455 I3
T Has he or she ever had an ulcer?

V q21d1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Ulcr_evr,001,002,055,099))
L X (Formstat=03 and any(Ulcr_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Ulcr_evr=088)

Q Ulcr_doc 1 458 I3
T Was he or she notified of this by a doctor?

V q21d2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Ulcr_evr (F3.0) ''
L X (any(Ulcr_evr,002,088,099) and Ulcr_doc=088)
L X (Ulcr_evr=001 and any(Ulcr_doc,001,002,055,099))
L X (Ulcr_evr=055 and Ulcr_doc=055)

Q Ulcr_now 1 461 I3
T Does he or she have an ulcer now?
V q21d3
Y 001 Yes
Y 002 No

Y 055 R
Y 088 N
Y 099 M
P Ulcr_evr (F3.0) ''
L X (any(Ulcr_evr,002,088,099) and Ulcr_now=088)
L X (Ulcr_evr=001 and any(Ulcr_now,001,002,055,099))
L X (Ulcr_evr=055 and Ulcr_now=055)

- * If the respondent put in a value for this variable but answered
- * "No" to being told this by a doctor, this variable is coded as N/A

Q Ulcr_age 1 464 I3
T How old was he or she when diagnosed with this?

V q21d4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (0,80)

P Ulcr_evr (F3.0) '', Ulcr_doc (F3.0) ''
L X (any(Ulcr_doc,002,088,099) and Ulcr_age=-88)
L X (Ulcr_doc=001 and (range(Ulcr_age,000,080) or Ulcr_age=-99))
L X (Ulcr_evr=055 and Ulcr_age=-55)

Q Esop_evr 1 467 I3
T Has he or she ever had disease of the esophagus?

V q21e1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and any(Esop_evr,001,002,055,099))
L X (Formstat=03 and any(Esop_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Esop_evr=088)

Q Esop_doc 1 470 I3
T Was he or she notified of this by a doctor?

V q21e2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Esop_evr (F3.0) ''
L X (any(Esop_evr,002,088,099) and Esop_doc=088)
L X (Esop_evr=001 and any(Esop_doc,001,002,055,099))
L X (Esop_evr=055 and Esop_doc=055)

Q Esop_now 1 473 I3
T Does he or she have disease of the esophagus now?
V q21e3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Esop_evr (F3.0) ''

L X (any(Esop_evr,002,088,099) and Esop_now=088)

L X (Esop_evr=001 and any(Esop_now,001,002,055,099))

L X (Esop_evr=055 and Esop_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Esop_age 1 476 I3

T At what age was he or she diagnosed with this?

V q21e4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Esop_evr (F3.0) '', Esop_doc (F3.0) ''

L X (any(Esop_doc,002,088,099) and Esop_age=-88)

L X (Esop_doc=001 and (range(Esop_age,000,080) or any(Esop_age,-55,-99)))

L X (Esop_evr=055 and Esop_age=-55)

Q Gast_evr 1 479 I3

T Has she or he ever had gastritis?

V q21f1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Gast_evr,001,002,055,099))

L X (Formstat=03 and any(Gast_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Gast_evr=088)

Q Gast_doc 1 482 I3

T Was he or she notified of this by a doctor?

V q21f2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Gast_evr (F3.0) ''

L X (any(Gast_evr,002,088,099) and Gast_doc=088)

L X (Gast_evr=001 and any(Gast_doc,001,002,055,099))

L X (Gast_evr=055 and Gast_doc=055)

Q Gast_now 1 485 I3

T Does he or she have gastritis now?

V q21f3
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Gast_evr (F3.0) ''
L X (any(Gast_evr,002,088,099) and Gast_now=088)
L X (Gast_evr=001 and any(Gast_now,001,002,055,099))
L X (Gast_evr=055 and Gast_now=055)

* If the respondent put in a value for this variable but answered
* "No" to being told this by a doctor, this variable is coded as N/A
Q Gast_age 1 488 I3

T At what age was he or she diagnosed with this?

V q21f4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (0,80)
P Gast_evr (F3.0) '', Gast_doc (F3.0) ''
L X (any(Gast_doc,002,088,099) and Gast_age=-88)
L X (Gast_doc=001 and (range(Gast_age,000,080) or any(Gast_age,-55,-99)))
L X (Gast_evr=055 and Gast_age=-55)

Q Indi_evr 1 491 I3
T Has he or she ever had indigestion?

V q21g1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Indi_evr,001,002,055,099))
L X (Formstat=03 and any(Indi_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Indi_evr=088)

Q Indi_doc 1 494 I3
T Was he or she notified of this by a doctor?

V q21g2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Indi_evr (F3.0) ''
L X (any(Indi_evr,002,088,099) and Indi_doc=088)
L X (Indi_evr=001 and any(Indi_doc,001,002,055,099))
L X (Indi_evr=055 and Indi_doc=055)

Q Indi_now 1 497 I3

T Does he or she have indigestion now? Belch...

V q21g3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Indi_evr (F3.0) ''

L X (any(Indi_evr,002,088,099) and Indi_now=088)

L X (Indi_evr=001 and any(Indi_now,001,002,055,099))

L X (Indi_evr=055 and Indi_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Indi_age 1 500 I3

T At what age was he or she diagnosed with this?

V q21g4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Indi_evr (F3.0) '', Indi_doc (F3.0) ''

L X (any(Indi_doc,002,088,099) and Indi_age=-88)

L X (Indi_doc=001 and (range(Indi_age,000,080) or any(Indi_age,-55,-99)))

L X (Indi_evr=055 and Indi_age=-55)

Q Stom_evr 1 503 I3

T Has he or she ever had any other stomach problems?

V q21h1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Stom_evr,001,002,055,099))

L X (Formstat=03 and any(Stom_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Stom_evr=088)

Q Stom_doc 1 506 I3

T Was he or she notified of this by a doctor?

V q21h2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Stom_evr (F3.0) ''

L X (any(Stom_evr,002,088,099) and Stom_doc=088)

L X (Stom_evr=001 and any(Stom_doc,001,002,055,099))

L X (Stom_evr=055 and Stom_doc=055)

Q Stom_now 1 509 I3
T Does he or she have any other stomach trouble now?
V q21h3
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Stom_evr (F3.0) ''
L X (any(Stom_evr,002,088,099) and stom_now=088)
L X (Stom_evr=001 and any(Stom_now,001,002,055,099))
L X (Stom_evr=055 and Stom_now=055)

- * If the respondent put in a value for this variable but answered "No" to being told this by a doctor, this variable is coded as N/A

Q Stom_age 1 512 I3
T At what age was he or she diagnosed with this?
V q21h4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (0,80)
P Stom_evr (F3.0) '', Stom_doc (F3.0) ''
L X (any(Stom_doc,002,088,099) and Stom_age=-88)
L X (Stom_doc=001 and (range(Stom_age,000,080) or any(Stom_age,-55,-99)))
L X (Stom_evr=055 and Stom_age=-55)

Q Stom_dis 1 515 I3
T If other stomach trouble, please specify
V q21ho
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (001,999)
P Stom_evr (F3.0) ''
L X (any(Stom_evr,002,055,088,099) and Stom_dis=-88)
L X (Stom_evr=001 and (range(Stom_dis,001,999) or any(Stom_dis,-55,-99)))
L X (Stom_evr=055 and Stom_dis=-55)

Q Entr_evr 1 518 I3
T Has he or she ever had enteritis?
V q21i1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Entr_evr,001,002,055,099))
L X (Formstat=03 and any(Entr_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Entr_evr=088)

Q Entr_doc 1 521 I3

T Was he or she notified of this by a doctor?

V q21i2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Entr_evr (F3.0) ''

L X (any(Entr_evr,002,088,099) and Entr_doc=088)

L X (Entr_evr=001 and any(Entr_doc,001,002,055,099))

L X (Entr_evr=055 and Entr_doc=055)

Q Entr_now 1 524 I3

T Does he or she have enteritis?

V q21i3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Entr_evr (F3.0) ''

L X (any(Entr_evr,002,088,099) and Entr_now=088)

L X (Entr_evr=001 and any(Entr_now,001,002,055,099))

L X (Entr_evr=055 and Entr_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Entr_age 1 527 I3

T At what age was he or she diagnosed with this?

V q21i4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Entr_evr (F3.0) '', Entr_doc (F3.0) ''

L X (any(Entr_doc,002,088,099) and Entr_age=-88)

L X (Entr_doc=001 and (range(Entr_age,000,080) or any(Entr_age,-55,-99)))

L X (Entr_evr=055 and Entr_age=-55)

Q Divr_evr 1 530 I3

T Has he or she ever had diverticulitus?

V q21j1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Divr_evr,001,002,055,099))

L X (Formstat=03 and any(Divr_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Divr_evr=088)

Q Divr_doc 1 533 I3
T Was he or she notified of this by a doctor?
V q21j2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Divr_evr (F3.0) ''
L X (any(Divr_evr,002,088,099) and Divr_doc=088)
L X (Divr_evr=001 and any(Divr_doc,001,002,055,099))
L X (Divr_evr=055 and Divr_doc=055)

Q Divr_now 1 536 I3
T Does he or she have diverticulitus now?
V q21j3
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Divr_evr (F3.0) ''
L X (any(Divr_evr,002,088,099) and Divr_now=088)
L X (Divr_evr=001 and any(Divr_now,001,002,055,099))
L X (Divr_evr=055 and Divr_now=055)

* If the respondent put in a value for this variable but answered "No" to being told this by a doctor, this variable is coded as N/A
Q Divr_age 1 539 I3
T How old was he or she when diagnosed with diverticulitus?
V q21j4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (0,80)
P Divr_evr (F3.0) '', Divr_doc (F3.0) ''
L X (any(Divr_doc,002,088,099) and Divr_age=-88)
L X (Divr_doc=001 and (range(Divr_age,000,080) or any(Divr_age,-55,-99)))
L X (Divr_evr=055 and Divr_age=-55)

Q Coli_evr 1 542 I3
T Has he or she ever had colitis?
V q21k1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Coli_evr,001,002,055,099))
L X (Formstat=03 and any(Coli_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Coli_evr=088)

Q Coli_doc 1 545 I3
T Was he or she notified by a doctor that they had this?

V q21k2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Coli_evr (F3.0) ''
L X (any(Coli_evr,002,088,099) and Coli_doc=088)
L X (Coli_evr=001 and any(Coli_doc,001,002,055,099))
L X (Coli_evr=055 and Coli_doc=055)

Q Coli_now 1 548 I3
T Does he or she have colitis now?

V q21k3
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Coli_evr (F3.0) ''
L X (any(Coli_evr,002,088,099) and Coli_now=088)
L X (Coli_evr=001 and any(Coli_now,001,002,055,099))
L X (Coli_evr=055 and Coli_now=055)

* If the respondent put in a value for this variable but answered
* "No" to being told this by a doctor, this variable is coded as N/A

Q Coli_age 1 551 I3
T At what age was he or she diagnosed with colitis?

V q21k4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (001,080)
P Coli_evr (F3.0) '', Coli_doc (F3.0) ''
L X (any(Coli_doc,002,088,099) and Coli_age=-88)
L X (Coli_doc=001 and (range(Coli_age,000,080) or any(Coli_age,-55,-99)))
L X (Coli_evr=055 and Coli_age=-55)

Q Spas_evr 1 554 I3
T Has he or she ever had a spastic colon?

V q21l1
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and any(Spas_evr,001,002,055,099))

L X (Formstat=03 and any(Spas_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Spas_evr=088)

Q Spas_doc 1 557 I3
T Was this unfortunate person notified of this by their doctor?

Y 001 Yes

V q21l2

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Spas_evr (F3.0) ''

L X (any(Spas_evr,002,088,099) and Spas_doc=088)

L X (Spas_evr=001 and any(Spas_doc,001,002,055,099))

L X (Spas_evr=055 and Spas_doc=055)

Q Spas_now 1 560 I3
T Does he or she have a spastic colon now?

V q21l3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Spas_evr (F3.0) ''

L X (any(Spas_evr,002,088,099) and Spas_now=088)

L X (Spas_evr=001 and any(Spas_now,001,002,055,099))

L X (Spas_evr=055 and Spas_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Spas_age 1 563 I3

T At what age was he or she diagnosed with a spastic colon?

V q21l4

Y -55 Refuseed Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Spas_evr (F3.0) '', Spas_doc (F3.0) ''

L X (any(Spas_doc,002,088,099) and Spas_age=-88)

L X (Spas_doc=001 and (range(Spas_age,000,080) or any(Spas_age,-55,-99)))

L X (Spas_evr=055 and Spas_age=-55)

Q Cons_evr 1 566 I3

T Has he or she experienced frequent constipation?

V q21m1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Cons_evr,001,002,055,099))
 L X (Formstat=03 and any(Cons_evr,001,002,003,055,088,099))
 L X (any(Formstat,02,05,09) and Cons_evr=088)

Q Cons_doc 1 569 I3
 T Was he or she notified of their constipation by their doctor?
 V q21m2
 Y 001 Yes
 Y 002 No
 Y 055 R
 Y 088 N
 Y 099 M
 P Cons_evr (F3.0) ''
 L X (any(Cons_evr,002,088,099) and Cons_doc=088)
 L X (Cons_evr=001 and any(Cons_doc,001,002,055,099))
 L X (Cons_evr=055 and Cons_doc=055)

Q Cons_now 1 572 I3
 T Are you constipated now?
 V q21m3
 Y 001 Yes
 Y 002 No
 Y 055 R
 Y 088 N
 Y 099 M
 P Cons_evr (F3.0) ''
 L X (any(Cons_evr,002,088,099) and Cons_now=088)
 L X (Cons_evr=001 and any(Cons_now,001,002,055,099))
 L X (Cons_evr=055 and Cons_now=055)

* If the respondent put in a value for this variable but answered
 * "No" to being told this by a doctor, this variable is coded as N/A

Q Cons_age 1 575 I3
 T At what age did he or she begin to experience constipation?
 V q21m4
 Y -55 Refused Value
 Y -88 Default Value
 Y -99 Missing Value
 R (01,80)
 P Cons_evr (F3.0) '', Cons_doc (F3.0) ''
 L X (any(Cons_doc,002,088,099) and Cons_age=-88)
 L X (Cons_doc=001 and (range(Cons_age,000,080) or any(Cons_age,-55,-99)))
 L X (Cons_evr=055 and Cons_age=-55)

Q Bowl_evr 1 578 I3
 T Has he or she ever had bowel problems?
 V q21n1
 Y 001 Yes
 Y 002 No
 Y 055 R
 Y 088 N
 Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and any(Bowl_evr,001,002,055,099))
L X (Formstat=03 and any(Bowl_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Bowl_evr=088)

Q Bowl_doc 1 581 I3
T Was he or she notified of this by their doctor?
V q21n2
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Bowl_evr (F3.0) ''
L X (any(Bowl_evr,002,088,099) and Bowl_doc=088)
L X (Bowl_evr=001 and any(Bowl_doc,001,002,055,099))
L X (Bowl_evr=055 and Bowl_doc=055)

Q Bowl_now 1 584 I3
T Does she or he have intestinal or bowel problems now?
V q21n3
Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M
P Bowl_evr (F3.0) ''
L X (any(Bowl_evr,002,088,099) and Bowl_now=088)
L X (Bowl_evr=001 and any(Bowl_now,001,002,055,099))
L X (Bowl_evr=055 and Bowl_now=055)

* If the respondent put in a value for this variable but answered
* "No" to being told this by a doctor, this variable is coded as N/A

Q Bowl_age 1 587 I3
T At what age did he or she start having bowel problems?

V q21n4
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value

P Bowl_evr (F3.0) '', Bowl_doc (F3.0) ''
R (0,80)
L X (any(Bowl_doc,002,088,099) and Bowl_age=-88)
L X (Bowl_doc=001 and (range(Bowl_age,000,080) or any(Bowl_age,-55,-99)))
L X (Bowl_evr=055 and Bowl_age=-55)

Q Bowl_dis 1 590 I3
T If other bowel or intestinal problems, please specify?
V q21no
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (001,999)

P Bowl_evr (F3.0) ''

L X (any(Bowl_evr,002,088,099) and Bowl_dis=-88)

L X (Bowl_evr=001 and (range(Bowl_dis,001,999) or any(Bowl_dis,-55,-99)))

L X (Bowl_evr=055 and Bowl_dis=-55)

Q Cirr_evr 1 593 I3

T Has he or she ever had cirrhosis of the liver?

V q21o1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Cirr_evr,001,002,055,099))

L X (Formstat=03 and any(Cirr_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Cirr_evr=088)

Q Cirr_doc 1 596 I3

T Was he or she notified of this by a doctor?

V q21o2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Cirr_evr (F3.0) ''

L X (any(Cirr_evr,002,088,099) and Cirr_doc=088)

L X (Cirr_evr=001 and any(Cirr_doc,001,002,055,099))

L X (Cirr_evr=055 and Cirr_doc=055)

Q Cirr_now 1 599 I3

T Does he or she have cirrhosis of the liver now?

V q21o3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Cirr_evr (F3.0) ''

L X (any(Cirr_evr,002,088,099) and Cirr_now=088)

L X (Cirr_evr=001 and any(Cirr_now,001,002,055,099))

L X (Cirr_evr=055 and Cirr_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Cirr_age 1 602 I3

T At what age was he or she diagnosed with this?

V q21o4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (01,80)

P Cirr_evr (F3.0) '' , Cirr_doc (F3.0) ''

L X (any(Cirr_doc,002,088,099) and Cirr_age=-88)

L X (Cirr_doc=001 and (range(Cirr_age,000,080) or any(Cirr_age,-55,-99)))

L X (Cirr_evr=055 and Cirr_age=-55)

Q Fatl_evr 1 605 I3

T Has he or she ever had fatty liver?

V q21p1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Fatl_evr,001,002,055,099))

L X (Formstat=03 and any(Fatl_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Fatl_evr=088)

Q Fatl_doc 1 608 I3

T Was he or she notified of this by a doctor?

V q21p2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Fatl_evr (F3.0) ''

L X (any(Fatl_evr,002,088,099) and Fatl_doc=088)

L X (Fatl_evr=001 and any(Fatl_doc,001,002,055,099))

L X (Fatl_evr=055 and Fatl_doc=055)

Q Fatl_now 1 611 I3

T Does he or she have fatty liver now?

V q21p3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Fatl_evr (F3.0) ''

L X (any(Fatl_evr,002,088,099) and Fatl_now=088)

L X (Fatl_evr=001 and any(Fatl_now,001,002,055,099))

L X (Fatl_evr=055 and Fatl_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Fatl_age 1 614 I3

T At what age was he or she diagnosed with fatty liver?

V q21p4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (01,80)

P Fatl_evr (F3.0) '' , Fatl_doc (F3.0) ''

L X (any(Fatl_doc,002,088,099) and Fatl_age=-88)

L X (Fatl_doc=001 and (range(Fatl_age,000,080) or any(Fatl_age,-55,-99)))

L X (Fatl_evr=055 and Fatl_age=-55)

Q Hepa_evr 1 617 I3

T Has he or she ever been diagnosed with hepatitis?

V q21q1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Hepa_evr,001,002,055,099))

L X (Formstat=03 and any(Hepa_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Hepa_evr=088)

Q Hepa_doc 1 620 I3

T Was he or she notified of their hepatitis by a doctor?

V q21q2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Hepa_evr (F3.0) ''

L X (any(Hepa_evr,002,088,099) and Hepa_doc=088)

L X (Hepa_evr=001 and any(Hepa_doc,001,002,055,099))

L X (Hepa_evr=055 and Hepa_doc=055)

Q Hepa_now 1 623 I3

T Does he or she have hepatitis now?

V q21q3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Hepa_evr (F3.0) ''

L X (any(Hepa_evr,002,088,099) and Hepa_now=088)

L X (Hepa_evr=001 and any(Hepa_now,001,002,055,099))

L X (Hepa_evr=055 and Hepa_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Hepa_age 1 626 I3

T At what age was he or she diagnosed with hepatitis?

V q21q4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Hepa_evr (F3.0) '' , Hepa_doc (F3.0) ''

L X (any(Hepa_doc,002,088,099) and Hepa_age=-88)

L X (Hepa_doc=001 and (range(Hepa_age,000,080) or any(Hepa_age,-55,-99)))

L X (Hepa_evr=055 and Hepa_age=-55)

Q Yelj_evr 1 629 I3

T Has he or she ever had yellow jaundice?

V q21r1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Yelj_evr,001,002,055,099))

L X (Formstat=03 and any(Yelj_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Yelj_evr=088)

Q Yelj_doc 1 632 I3

T Was he or she notified of this by a doctor?

V q21r2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Yelj_evr (F3.0) ''

L X (any(Yelj_evr,002,088,099) and Yelj_doc=088)

L X (Yelj_evr=001 and any(Yelj_doc,001,002,055,099))

L X (Yelj_evr=055 and Yelj_doc=055)

Q Yelj_now 1 635 I3

T Does he or she have yellow jaundice now?

V q21r3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Yelj_evr (F3.0) ''

L X (any(Yelj_evr,002,088,099) and Yelj_now=088)

L X (Yelj_evr=001 and any(Yelj_now,001,002,055,099))

L X (Yelj_evr=055 and Yelj_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Yelj_age 1 638 I3

T At what age was he or she diagnosed with yellow jaundice?

V q21r4

Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (0,80)

P Yelj_evr (F3.0) '' , Yelj_doc (F3.0) ''
L X (any(Yelj_doc,002,088,099) and Yelj_age=-88)
L X (Yelj_doc=001 and (range(Yelj_age,000,080) or any(Yelj_age,-55,-99)))
L X (Yelj_evr=055 and Yelj_age=-55)

Q Livt_evr 1 641 I3
T Has he or she ever had any other liver disease?
V q21s1

Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and any(Livt_evr,001,002,055,099))
L X (Formstat=03 and any(Livt_evr,001,002,003,055,088,099))
L X (any(Formstat,02,05,09) and Livt_evr=088)

Q Livt_doc 1 644 I3
T Was he or she notified they had any other liver trouble by a doctor?
V q21s2

Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Livt_evr (F3.0) ''
L X (any(Livt_evr,002,088,099) and Livt_doc=088)
L X (Livt_evr=001 and any(Livt_doc,001,002,055,099))
L X (Livt_evr=055 and Livt_doc=055)

Q Livt_now 1 647 I3
T Does he or she have any other liver trouble now?
V q21s3

Y 001 Yes
Y 002 No
Y 055 R
Y 088 N
Y 099 M

P Livt_evr (F3.0) ''
L X (any(Livt_evr,002,088,099) and Livt_now=088)
L X (Livt_evr=001 and any(Livt_now,001,002,055,099))
L X (Livt_evr=055 and Livt_now=055)

* If the respondent put in a value for this variable but answered
* "No" to being told this by a doctor, this variable is coded as N/A

Q Livt_age 1 650 I3

T At what age was he or she diagnosed with liver trouble?

V q21s4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Livt_evr (F3.0) '' , Livt_doc (F3.0) ''

L X (any(Livt_doc,002,088,099) and Livt_age=-88)

L X (Livt_doc=001 and (range(Livt_age,000,080) or any(Livt_age,-55,-99)))

L X (Livist_evr=055 and Livt_age=-55)

Q Livt_dis 1 653 I3

T If yes, what other liver trouble has he or she had?

V q21so

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P Livt_evr (F3.0) ''

L X (any(Livt_evr,002,088,099) and Livt_dis=-88)

L X (Livt_evr=001 and (range(Livt_dis,001,999) or any(Livt_dis,-55,-99)))

L X (Livist_evr=055 and Livt_dis=-55)

Q Neph_evr 1 656 I3

T Has he or she ever been diagnosed with nephritis?

V q21t1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Neph_evr,001,002,055,099))

L X (Formstat=03 and any(Neph_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Neph_evr=088)

Q Neph_doc 1 659 I3

T Was he or she notified of their nephritis by a doctor?

V q21t2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Neph_evr (F3.0) ''

L X (any(Neph_evr,002,088,099) and Neph_doc=088)

L X (Neph_evr=001 and any(Neph_doc,001,002,055,099))

L X (Neph_evr=055 and Neph_doc=055)

Q Neph_now 1 662 I3

T Does he or she have nephritis now?

V q21t3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Neph_evr (F3.0) ''

L X (any(Neph_evr,002,088,099) and Neph_now=088)

L X (Neph_evr=001 and any(Neph_now,001,002,055,099))

L X (Neph_evr=055 and Neph_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Neph_age 1 665 I3

T At what age was he or she diagnosed with nephritis?

V q21t4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,80)

P Neph_evr (F3.0) '', Neph_doc (F3.0) ''

L X (any(Neph_doc,002,088,099) and Neph_age=-88)

L X (Neph_doc=001 and (range(Neph_age,000,080) or any(Neph_age,-55,-99)))

L X (Neph_evr=055 and Neph_age=-55)

Q Kidn_evr 1 668 I3

T Has he or she ever had kidney stones?

V q21u1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Kidn_evr,001,002,055,099))

L X (Formstat=03 and any(Kidn_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Kidn_evr=088)

Q Kidn_doc 1 671 I3

T Was he or she notified of their kidney stones by a doctor?

V q21u2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Kidn_evr (F3.0) ''

L X (any(Kidn_evr,002,088,099) and Kidn_doc=088)

L X (Kidn_evr=001 and any(Kidn_doc,001,002,055,099))

L X (Kidn_evr=055 and Kidn_doc=055)

Q Kidn_now 1 674 I3

T Does he or she have kidney stones now?

V q21u3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Kidn_evr (F3.0) ''

L X (any(Kidn_evr,002,088,099) and Kidn_now=088)

L X (Kidn_evr=001 and any(Kidn_now,001,002,055,099))

L X (Kidn_evr=055 and Kidn_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Kidn_age 1 677 I3

T At what age was he or she diagnosed with kidney stones?

V q21u4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (01,80)

P Kidn_evr (F3.0) '', Kidn_doc (F3.0) ''

L X (any(Kidn_doc,002,088,099) and Kidn_age=-88)

L X (Kidn_doc=001 and (range(Kidn_age,000,080) or any(Kidn_age,-55,-99)))

L X (Kidn_evr=055 and Kidn_age=-55)

Q Kidt_evr 1 680 I3

T Has he or she ever been diagnosed with any other kidney trouble?

V q21v1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Kidt_evr,001,002,055,099))

L X (Formstat=03 and any(Kidt_evr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Kidt_evr=088)

Q Kidt_doc 1 683 I3

T Was he or she notified of their kidney trouble by a doctor?

V q21v2

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Kidt_evr (F3.0) ''

L X (any(Kidt_evr,002,088,099) and Kidt_doc=088)

L X (Kidt_evr=001 and any(Kidt_doc,001,002,055,099))

L X (Kidt_evr=055 and Kidt_doc=055)

Q Kidt_now 1 686 I3

T Does he or she have kidney trouble now?

V q21v3

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Kidt_evr (F3.0) ''

L X (any(Kidt_evr,002,088,099) and Kidt_now=088)

L X (Kidt_evr=001 and any(Kidt_now,001,002,055,099))

L X (Kidt_evr=055 and Kidt_now=055)

* If the respondent put in a value for this variable but answered

* "No" to being told this by a doctor, this variable is coded as N/A

Q Kidt_age 1 689 I3

T At what age was he or she diagnosed with kidney trouble?

V q21v4

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (1,80)

P Kidt_evr (F3.0) '', Kidt_doc (F3.0) ''

L X (any(Kidt_doc,002,088,099) and Kidt_age=-88)

L X (Kidt_doc=001 and (range(Kidt_age,000,080) or any(Kidt_age,-55,-99)))

L X (Kidt_evr=055 and Kidt_age=-55)

Q Kidt_dis 1 692 I3

T If yes, what other type of kidney trouble?

V q21vo

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P Kidt_evr (F3.0) ''

L X (any(Kidt_evr,002,055,088,099) and Kidt_dis=-88)

L X (Kidt_evr=001 and (range(Kidt_dis,001,999) or any(Kidt_dis,-55,-99)))

L X (Kidt_evr=055 and Kidt_dis=-55)

Q Chemoevr 1 695 I3

T Does he or she have any disease requiring chemotherapy?

V q21w1

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and any(Chemoevr,001,002,055,099))

L X (Formstat=03 and any(Chemoevr,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Chemoevr=088)

Q Chemoago 1 698 I3

T How long ago did he or she last have chemotherapy?

V q21w2

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (0,30)

P Chemoevr (F3.0) ''

L X (any(Chemoevr,002,088,099) and Chemoago=-88)

L X (Chemoevr=001 and (range(Chemoago,001,030) or any(Chemoago,-55,-99)))

L X (Chemoevr=055 and Chemoago=-55)

Q Chmounit 1 701 I3

T Units for chemotherapy

V q21w3

Y 001 Years ago

Y 002 Weeks ago

Y 003 Months ago

Y 004 Years ago

Y 055 R

Y 088 N

Y 099 M

P Chemoevr (F3.0) ''

L X (any(Chemoevr,002,088,099) and Chmounit=088)

L X (Chemoevr=001 and any(Chmounit,001,002,003,004,055,099))

L X (Chemoevr=055 and Chmounit=055)

Q Chemodis 1 704 I3

T IF yes, please specify the disease requiring chemotherapy.

V q21wo

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P Chemoevr (F3.0) ''

L X (any(Chemoevr,002,088,099) and Chemodis=-88)

L X (Chemoevr=001 and (range(Chemodis,001,999) or any(Chemodis,-55,-99)))

L X (Chemoevr=055 and Chemodis=-55)

Q Farm 1 707 I3

T Is the property actively used as a farm or ranch?

V q22

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Farm,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Farm,001,002,055,088,099))

L X (Formstat=03 and any(Farm,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Farm=088)

Q Buildage 1 710 I3

T About when was this building first built?

V q23

Y 001 1990 to present

Y 002 1985 to 1989

Y 003 1980 to 1984

Y 004 1970 to 1979

Y 005 1960 to 1969

Y 006 1950 to 1959

Y 007 1940 to 1949

Y 008 1939 or earlier

Y 009 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and (range(Buildage,001,009) or any(Buildage,055,099))

L X (Formstat=01 and not(IRN=01) and (range(Buildage,001,009) or any(Buildage,055,088,099)))

L X (Formstat=03 and (range(Buildage,001,009) or any(Buildage,055,088,099)))

L X (any(Formstat,02,05,09) and Buildage=088)

Q Move_in 1 713 I3

T When did you move into this house/apartment?

V q24

Y 001 1990 to present

Y 002 1985 to 1989

Y 003 1980 to 1984

Y 004 1970 to 1979

Y 005 1960 to 1969

Y 006 1950 to 1959

Y 007 1940 to 1949

Y 008 1939 or earlier

Y 009 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and (range(Move_in,001,009) or any(Move_in,055,099))

L X (Formstat=01 and not(IRN=01) and (range(Move_in,001,009) or any(Move_in,055,088,099)))

L X (Formstat=03 and (range(Move_in,001,009) or any(Move_in,055,088,099)))

L X (any(Formstat,02,05,09) and Move_in=088)

Q Add_room 1 716 I3

T In the last six months has a room been added to the house?

V q25a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Add_room,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Add_room,001,002,055,088,099))

L X (Formstat=03 and any(Add_room,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Add_room=088)

Q Wall_chg 1 719 I3
T In the last six months has a wall been put up or put down?

V q25b
Y 001 yes
Y 002 no
Y 055 R
Y 088 N
Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and IRN=01) and any(Wall_chg,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Wall_chg,001,002,055,088,099))
L X (Formstat=03 and any(Wall_chg,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Wall_chg=088)

Q Windorep 1 722 I3
T In the last six months have windows been replaced?

V q25c
Y 001 yes
Y 002 no
Y 055 R
Y 088 N
Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and IRN=01) and any(Windorep,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Windorep,001,002,055,088,099))
L X (Formstat=03 and any(Windorep,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Windorep=088)

Q Floorref 1 725 I3
T In the last six months have foors been refinished?

V q25d
Y 001 yes
Y 002 no
Y 055 R
Y 088 N
Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and IRN=01) and any(Floorref,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Floorref,001,002,055,088,099))
L X (Formstat=03 and any(Floorref,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Floorref=088)

Q Paintext 1 728 I3
T In the past six months has there been exterior painting?

V q25e
Y 001 yes
Y 002 no
Y 055 R
Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Paintext,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Paintext,001,002,055,088,099))
L X (Formstat=03 and any(Paintext,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Paintext=088)

Q Paintint 1 731 I3

T In the past six months has there been interior painting?

V q25f

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Paintint,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Paintint,001,002,055,088,099))
L X (Formstat=03 and any(Paintint,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Paintint=088)

Q Waterrun 1 734 I3

T Does this house/apartment have running water?

V q26a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Waterrun,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Waterrun,001,002,055,088,099))
L X (Formstat=03 and any(Waterrun,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Waterrun=088)

Q Pubwater 1 737 II

T What is the source of running water? public or commercial water system?

V q26b1

Y 0 No

Y 1 Yes

P Waterrun (F3.0) '', Wat_ref (F1.0) '', Wat_na (F1.0) '', Wat_mis (F1.0) ''

L X (Wat_ref=0 and Wat_na=0 and Wat_mis=0) and any(Pubwater,0,1)
L X (Wat_ref=1 or Wat_na=1 or Wat_mis=1) and Pubwater=0

Q Privwell 1 738 II

T What is the source of running water? private well

V q26b2

Y 0 No

Y 1 Yes

P Waterrun (F3.0) '', Wat_ref (F1.0) '', Wat_na (F1.0) '', Wat_mis (F1.0) ''

L X (Wat_ref=0 and Wat_na=0 and Wat_mis=0) and any(Privwell,0,1)
L X (Wat_ref=1 or Wat_na=1 or Wat_mis=1) and Privwell=0

Q Cistern 1 739 I1

T What is the source of running water? cistern

V q26b3

Y 0 No

Y 1 Yes

P Waterrun (F3.0) '' , Wat_ref (F1.0) '' , Wat_na (F1.0) '' , Wat_mis (F1.0) ''

L X (Wat_ref=0 and Wat_na=0 and Wat_mis=0) and any(Cistern,0,1)

L X (Wat_ref=1 or Wat_na=1 or Wat_mis=1) and Cistern=0

Q Wat_oth 1 740 I1

T What is the source of running water? other

V q26b4

Y 0 No

Y 1 Yes

P Waterrun (F3.0) '' , Wat_ref (F1.0) '' , Wat_na (F1.0) '' , Wat_mis (F1.0) ''

L X (Wat_ref=0 and Wat_na=0 and Wat_mis=0) and any(Wat_oth,0,1)

L X (Wat_ref=1 or Wat_na=1 or Wat_mis=1) and Wat_oth=0

Q Wat_dk 1 741 I1

T What is the source of running water? dont know

V q26b5

Y 0 No

Y 1 Yes

P Waterrun (F3.0) '' , Wat_ref (F1.0) '' , Wat_na (F1.0) '' , Wat_mis (F1.0) ''

L X (Wat_ref=0 and Wat_na=0 and Wat_mis=0) and any(Wat_dk,0,1)

L X (Wat_ref=1 or Wat_na=1 or Wat_mis=1) and Wat_dk=0

Q Wat_ref 1 742 I1

T Refused

V q26b6

Y 0 No

Y 1 Yes

P Waterrun (F3.0) ''

L X (any(waterrun,002,088,099) and wat_ref=0)

L X (Waterrun=001 and any(Wat_ref,0,1))

L X (Waterrun=055 and Wat_ref=1)

Q Wat_na 1 743 I1

T Not applicable

V q26b7

Y 0 No

Y 1 Yes

P Waterrun (F3.0) ''

L X (any(waterrun,002,088,099) and wat_na=1)

L X (Waterrun=001 and Wat_na=0)

L X (Waterrun=055 and Wat_na=0)

Q Wat_mis 1 744 I1

T Missing

V q26b8

Y 0 No

Y 1 Yes

P Waterrun (F3.0) ''

L X (any(waterrun,002,088,099) and wat_mis=0)

L X (Waterrun=001 and any(Wat_mis,0,1))

L X (Waterrun=055 and Wat_mis=0)

Q Wat_syst 1 745 I2

T Name of commercial water system

V q26b1o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,45)

P Pubwater (F1.0) ''

L X (Pubwater=0 and Wat_syst=-8)

L X (Pubwater=1 and (range(Wat_syst,01,45) or any(Wat_syst,-5,-9))))

Q Wat_oths 1 747 I2

T Name of other water system

V q26b4o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,40)

P Wat_oth (F1.0) ''

L X (Wat_oth=0 and Wat_oths=-8)

L X (Wat_oth=1 and (range(Wat_oths,01,40) or any(Wat_oths,-5,-9))))

Q Wat_cook 1 749 I3

T Which water source is used most often for cooking? Tap water

V q26c

Y 001 Tap water

Y 002 Bottled water

Y 003 Some other source

Y 004 Dont know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Wat_cook,001,002,003,004,055,099)

L X (Formstat=01 and not(IRN=01) and any(Wat_cook,001,002,003,004,055,088,099))

L X (Formstat=03 and any(Wat_cook,001,002,003,004,055,088,099))

L X (any(Formstat,02,05,09) and Wat_cook=088)

Q Cook_src 1 752 I2

T which water source is used most often for cooking? other

V q26co

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,20)

P Wat_cook (F3.0) ''

L X (any(Wat_cook,001,002,004,088,099) and Cook_src=-8)
 L X (Wat_cook=003 and (range(Cook_src,01,20) or any(Cook_src,-5,-9)))
 L X (Wat_cook=055 and Cook_src=-5)

Q Watdrink 1 754 I3

T Which water source is used most often for drinking?

V q26d

Y 001 Tap water

Y 002 Bottled water

Y 003 Some other source (Spe

Y 004 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Watdrink,001,002,003,004,055,099)

L X (Formstat=01 and not(IRN=01) and any(Watdrink,001,002,003,004,055,088,099))

L X (Formstat=03 and any(Watdrink,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Watdrink=088)

Q Drinksrc 1 757 I2

T Which water source is used most often for drinking? other

V q26do

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,20)

P Drinksrc (F3.0) ''

L X (any(Watdrink,001,002,004,088,099) and Drinksrc=-8)

L X (Watdrink=003 and (range(Drinksdc,01,20) or any(Drinksdc,-5,-9)))

L X (Watdrink=055 and Drinksdc=-5)

Q Treattyp 1 759 I2

T Do you use any of the following to treat water in your home? other

V q26e5o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,20)

P WTreat_o (F3.0) ''

L X (any(WTreat_o,002,003,088,099) and Treattyp=-8)

L X (WTreat_o=001 and (range(Treattyp,01,20) or any(Treattyp,-5,-9)))

L X (WTreat_o=055 and Treattyp=-5)

Q Wat_soft 1 761 I3

T Do you use any of the following to treat water in your home? Water softener

V q26el

Y 001 yes

Y 002 no

Y 003 DK

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Wat_soft,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Wat_soft,001,002,055,088,099))

L X (Formstat=03 and any(Wat_soft,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Wat_soft=088)

Q Wat_char 1 764 I3

T Do you use any of the following to treat water in your home? Charcoal filter

V q26e2

Y 001 yes

Y 002 no

Y 003 DK

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Wat_char,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Wat_char,001,002,055,088,099))

L X (Formstat=03 and any(Wat_char,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Wat_char=088)

Q Rev_osmo 1 767 I3

T Do you use any of the following to treat water in your home? Reverse osmosis

V q26e3

Y 001 yes

Y 002 no

Y 003 DK

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Rev_osmo,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Rev_osmo,001,002,055,088,099))

L X (Formstat=03 and any(Rev_osmo,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Rev_osmo=088)

Q Distill 1 770 I3

T Do you use any of the following to treat water in your home? Distillation

V q26e4

Y 001 yes

Y 002 no

Y 003 DK

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Distill,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Distill,001,002,055,088,099))

L X (Formstat=03 and any(Distill,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Distill=088)

Q WTreat_o 1 773 I3

T Do you use any of the following to treat water in your home? Other
V q26e5

Y 001 yes

Y 002 no

Y 003 DK

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(WTreat_o,001,002,003,055,088,099)

L X (Formstat=01 and not(IRN=01) and any(WTreat_o,001,002,003,055,088,099))

L X (Formstat=03 and any(WTreat_o,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and WTreat_o=088)

Q Enclgara 1 776 I3

T Is there an enclosed garage attached to this house/apartment?

V q27a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Enclgara,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Enclgara,001,002,055,088,099))

L X (Formstat=03 and any(Enclgara,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Enclgara=088)

Q Atgarloc 1 779 I3

T Where is the attached garage?

V q27b

Y 001 Underneath the main liv

Y 002 Same level as the main

Y 003 Somewhere else (Specif

Y 055 R

Y 088 N

Y 099 M

P enclgara (F3.0) ''

L X (any(Enclgara,002,088,099) and Atgarloc=088)

L X (Enclgara=001 and any(Atgarloc,001,002,003,055,099))

L X (Enclgara=055 and Atgarloc=055)

Q Atgaroth 1 782 I2

T If other, where is the attached garage?

V q27bo

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P enclgara (F3.0) '' ,atgarloc (F3.0) ''

L X (any(atgarloc,001,002,088,099) and atgaroth=-8)

L X (Atgarloc=003 and (range(Atgaroth,01,10) or any(Atgaroth,-5,-9)))
 L X (Atgarloc=055 and Atgaroth=-5)

Q Gar_door 1 784 I3

T Is there a doorway leading directly from the garage to the living quarters?

V q27c

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P enclgara (F3.0) ''

L X (any(enclgara,002,088,099) and gar_door=088)

L X (Enlgara=001 and any(Gar_door,001,002,055,099))

L X (Enlgara=055 and Gar_door=055)

Q Park_usu 1 787 I3

T Are cars, trucks, or any other motor vehicles parked in this garage?

V q27d

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P enclgara (F3.0) ''

L X (any(enclgara,002,088,099) and park_usu=088)

L X (Enlgara=001 and any(Park_usu,001,002,055,099))

L X (Enlgara=055 and Park_usu=055)

Q Gaspower 1 790 I3

T Are any gas powered devices stored in any room, basement, etc..

V q28

Y 001 yes

Y 002 no

Y 003 Don't know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Gaspower,001,002,003,055,099)

L X (Formstat=01 and not(IRN=01) and any(Gaspower,001,002,003,055,088,099))

L X (Formstat=03 and any(Gaspower,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Gaspower=088)

Q AC 1 793 I3

T Is air conditioning used to cool this house/apartment?

V q29a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''
L X (Formstat=01 and IRN=01) and any(AC,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(AC,001,002,055,088,099))
L X (Formstat=03 and any(AC,001,002,055,088,099))
L X (any(Formstat,02,05,09) and AC=088)

Q Centr_ac 1 796 I1
T Which types of air conditioning do you use? central
V q29b1
Y 0 No
Y 1 Yes
P Ac (F3.0) '', Ac_ref (F1.0) '', Ac_na (F1.0) '', Ac_mis (F1.0) ''
L X (Ac_ref=0 and Ac_na=0 and Ac_mis=0) and any(Centr_ac,0,1)
L X (Ac_ref=1 or Ac_na=1 or Ac_mis=1) and Centr_ac=0

Q Windo_ac 1 797 I1
T Which types of air conditioning do you use? window or wall units
V q29b2
Y 0 No
Y 1 Yes
P Ac (F3.0) '', Ac_ref (F1.0) '', Ac_na (F1.0) '', Ac_mis (F1.0) ''
L X (Ac_ref=0 and Ac_na=0 and Ac_mis=0) and any(Windo_ac,0,1)
L X (Ac_ref=1 or Ac_na=1 or Ac_mis=1) and Windo_ac=0

Q Porta_ac 1 798 I1
T Which types of air conditioning do you use? portable units
V q29b3
Y 0 No
Y 1 Yes
P Ac (F3.0) '', Ac_ref (F1.0) '', Ac_na (F1.0) '', Ac_mis (F1.0) ''
L X (Ac_ref=0 and Ac_na=0 and Ac_mis=0) and any(Porta_ac,0,1)
L X (Ac_ref=1 or Ac_na=1 or Ac_mis=1) and Porta_ac=0

Q Ac_ref 1 799 I1
T Which types of air conditioning do you use? refused
V q29b4
Y 0 No
Y 1 Yes
P AC (F3.0) ''
L X (any(AC,002,088,099) and Ac_ref=0)
L X (AC=001 and any(Ac_ref,0,1))
L X (AC=055 and Ac_ref=1)

Q Ac_na 1 800 I1
T Which types of air conditioning do you use? not applicable
V q29b5
Y 0 No
Y 1 Yes
P AC (F3.0) ''
L X (any(AC,002,088,099) and AC_na=1)
L X (AC=001 and Ac_na=0)

L X (AC=055 and Ac_na=0)

Q Ac_mis 1 801 I1
T Which types of air conditioning do you use? missing
V q29b6
Y 0 No
Y 1 Yes
P AC (F3.0) ''
L X (any(AC,002,088,099) and AC_mis=0)
L X (AC=001 and any(Ac_mis,0,1))
L X (AC=055 and Ac_mis=0)

Q AC_start 1 802 I3
T Which month do you start using air conditioning?
V q29c1
Y 001 Jan
Y 002 Feb
Y 003 Mar
Y 004 Apr
Y 005 May
Y 006 Jun
Y 007 Jul
Y 008 Aug
Y 009 Sept
Y 010 Oct
Y 011 Nov
Y 012 Dec
Y 055 R
Y 088 N
Y 099 M
P AC (F3.0) ''
L X (any(AC,002,088,099) and AC_start=088)
L X (AC=001 and (Range(AC_start,001,012) or any(AC_start,055,099)))
L X (AC=055 and AC_start=055)

Q AC_stop 1 805 I3
T Which month do you stop using air conditioning?
V q29c2
Y 001 Jan
Y 002 Feb
Y 003 Mar
Y 004 Apr
Y 005 May
Y 006 Jun
Y 007 Jul
Y 008 Aug
Y 009 Sept
Y 010 Oct
Y 011 Nov
Y 012 Dec
Y 055 R
Y 088 N

Y 099 M
P AC (F3.0) ''
L X (any(AC,002,088,099) and AC_stop=088)
L X (AC=001 and (Range(AC_stop,001,012) or any(AC_stop,055,099)))
L X (AC=055 and AC_stop=055)

Q Swamp 1 808 I3
T Is an evaporative cooler used to cool this house/apartment
V q30a
Y 001 yes
Y 002 no
Y 055 R
Y 088 N
Y 099 M
P Formstat (F3.0) ''
L X (Formstat=01 and IRN=01) and any(Swamp,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Swamp,001,002,055,088,099))
L X (Formstat=03 and any(Swamp,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Swamp=088)

Q Centr_sw 1 811 I1
T What type of evaporative cooler is used? central
V q30b1
Y 0 No
Y 1 Yes
P Swamp (F3.0) '', Sw_ref (F1.0) '', Sw_na (F1.0) '', Sw_mis (F1.0) ''
L X (Sw_ref=0 and Sw_na=0 and Sw_mis=0) and any(Centr_sw,0,1)
L X (Sw_ref=1 or Sw_na=1 or Sw_mis=1) and Centr_sw=0

Q Windo_sw 1 812 I1
T What type of evaporative cooler is used? wall
V q30b2
Y 0 No
Y 1 Yes
P Swamp (F3.0) '', Sw_ref (F1.0) '', Sw_na (F1.0) '', Sw_mis (F1.0) ''
L X (Sw_ref=0 and Sw_na=0 and Sw_mis=0) and any(Windo_sw,0,1)
L X (Sw_ref=1 or Sw_na=1 or Sw_mis=1) and Windo_sw=0

Q Porta_sw 1 813 I1
T What type of evaporative cooler is used? portable
V q30b3
Y 0 No
Y 1 Yes
P Swamp (F3.0) '', Sw_ref (F1.0) '', Sw_na (F1.0) '', Sw_mis (F1.0) ''
L X (Sw_ref=0 and Sw_na=0 and Sw_mis=0) and any(Porta_sw,0,1)
L X (Sw_ref=1 or Sw_na=1 or Sw_mis=1) and Porta_sw=0

Q Sw_ref 1 814 I1
T What type of evaporative cooler is used? refused
V q30b4
Y 0 No
Y 1 Yes

P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Sw_ref=0)
L X (Swamp=001 and any(Sw_ref,0,1))
L X (Swamp=055 and Sw_ref=1)

Q Sw_na 1 815 I1
T What type of evaporative cooler is used? not applicable
V q30b5
Y 0 No
Y 1 Yes
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Sw_na=1)
L X (Swamp=001 and Sw_ref=0)
L X (Swamp=055 and Sw_ref=0)

Q Sw_mis 1 816 I1
T What type of evaporative cooler is used? missing
V q30b6
Y 0 No
Y 1 Yes
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Sw_mis=0)
L X (Swamp=001 and any(Sw_mis,0,1))
L X (Swamp=055 and Sw_mis=0)

Q Padperyr 1 817 I2
T How often are the pads changed on the coolers? per year
V q30c
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
R (00,05)
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and padperyr=-8)
L X (Swamp=001 and (range(Padperyr,00,05) or any(Padperyr,-5,-9)))
L X (Swamp=055 and Padperyr=-5)

Q Pad_chg 1 819 I3
T How often are the pads changed on the coolers?
V q30c1
Y 001 Changed during the summer
Y 002 Changed once at the beginning of the summer'
Y 003 Changed after ___ years of use
Y 055 R
Y 088 N
Y 099 M
P Swamp (F3.0) '', Padperyr (F2.0) ''
L X (any(Swamp,002,088,099) and Pad_chg=088)
L X (Swamp=001 and any(Pad_chg,001,002,003,055,099))
L X (Swamp=055 and Pad_chg=055)

Q Pad_sum 1 822 I2

T How often are the pads changed on the coolers? per summer

V q30c10

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (00,05)

P Pad_chg (F3.0) ''

L X (any(Pad_chg,002,003,088,099) and pad_sum=-8)

L X (Pad_chg=001 and (range(Pad_sum,00,05) or any(Pad_sum,-5,-9)))

L X (Pad_chg=055 and Pad_sum=-5)

Q Pad_yrs 1 824 I2

T How often are the pads changed on the coolers? after ____ years

V q30c30

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (00,05)

P Pad_chg (F3.0) ''

L X (any(Pad_chg,001,002,088,099) and pad_yrs=-8)

L X (Pad_chg=003 and (range(Pad_yrs,00,05) or any(Pad_yrs,-5,-9)))

L X (Pad_chg=055 and Pad_yrs=-5)

Q Aspenpad 1 826 I1

T What types of pads are currently used in the coolers? aspen

V q30d1

Y 0 No

Y 1 Yes

P Swamp (F3.0) '', Pad_ref (F1.0) '', Pad_na (F1.0) '', Pad_mis (F1.0) ''

L X (Pad_ref=0 and Pad_na=0 and Pad_mis=0) and any(Aspenpad,0,1)

L X (Pad_ref=1 or Pad_na=1 or Pad_mis=1) and Aspenpad=0

Q Paperpad 1 827 I1

T What types of pads are currently used in the coolers? paper

V q30d2

Y 0 No

Y 1 Yes

P Swamp (F3.0) '', Pad_ref (F1.0) '', Pad_na (F1.0) '', Pad_mis (F1.0) ''

L X (Pad_ref=0 and Pad_na=0 and Pad_mis=0) and any(Paperpad,0,1)

L X (Pad_ref=1 or Pad_na=1 or Pad_mis=1) and Paperpad=0

Q Synthpad 1 828 I1

T What types of pads are currently used in the coolers? synthetic

V q30d3

Y 0 No

Y 1 Yes

P Swamp (F3.0) '', Pad_ref (F1.0) '', Pad_na (F1.0) '', Pad_mis (F1.0) ''

L X (Pad_ref=0 and Pad_na=0 and Pad_mis=0) and any(Synthpad,0,1)

L X (Pad_ref=1 or Pad_na=1 or Pad_mis=1) and Synthpad=0

Q Otherpad 1 829 I1

T What types of pads are currently used in the coolers? other

V q30d4
Y 0 No
Y 1 Yes
P Swamp (F3.0) '' , Pad_ref (F1.0) '' , Pad_na (F1.0) '' , Pad_mis (F1.0) ''
L X (Pad_ref=0 and Pad_na=0 and Pad_mis=0) and any(Otherpad,0,1)
L X (Pad_ref=1 or Pad_na=1 or Pad_mis=1) and Otherpad=0

Q Pad_ref 1 830 I1
T What types of pads are currently used in the coolers? refused
V q30d5
Y 0 No
Y 1 Yes
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Pad_ref=0)
L X (Swamp=001 and any(Pad_ref,0,1))
L X (Swamp=055 and Pad_ref=1)

Q Pad_na 1 831 I1
T What types of pads are currently used in the coolers? not applicable
V q30d6
Y 0 No
Y 1 Yes
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Pad_na=1)
L X (Swamp=001 and Pad_na=0)
L X (Swamp=055 and Pad_na=0)

Q Pad_mis 1 832 I1
T What types of pads are currently used in the coolers? missing
V q30d7
Y 0 No
Y 1 Yes
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Pad_mis=0)
L X (Swamp=001 and any(Pad_mis,0,1))
L X (Swamp=055 and Pad_mis=0)

Q Pad_oth 1 833 I2
T What types of pads are currently used in the coolers? other
V q30d4o
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
R (01,10)
P Swamp (F3.0) '' , Otherpad (F1.0) ''
L X (Otherpad=0 and pad_oth=-8)
L X (Otherpad=1 and (range(pad_oth,01,10) or any(Pad_oth,-5,-9)))

Q Watdrain 1 835 I2
T How often is water drained and cooler cleaned?
V q30e
Y -5 Refused Value

Y -8 Default Value
Y -9 Missing Value
R (00,99)
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and Watdrain=-8)
L X (Swamp=001 and (range(Watdrain,00,99) or any(Watdrain,-5,-9)))
L X (Swamp=055 and Watdrain=-5)

Q Wattreat 1 837 I2
T How often is water treatment added?
V q30f
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
R (00,15)
P Swamp (F3.0) ''
L X (any(Swamp,002,088,099) and wattreat=-8)
L X (Swamp=001 and (range(Wattreat,00,15) or any(Wattreat,-5,-9)))
L X (Swamp=055 and Wattreat=-5)

Q Gaspipes 1 839 I1
T Which fuels are used for heating this house? Gas underground pipes
V q31a
Y 0 No
Y 1 Yes
P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Gaspipes,0,1)
L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Gaspipes=0

Q Gastank 1 840 I1
T Which fuels are used for heating this house? Gas bottled, tank, or LP
V q31b
Y 0 No
Y 1 Yes
P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Gastank,0,1)
L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Gastank=0

Q Electric 1 841 I1
T Which fuels are used for heating this house? electricity
V q31c
Y 0 No
Y 1 Yes
P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Electric,0,1)
L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Electric=0

Q Fuel_oil 1 842 I1
T Which fuels are used for heating this house? Fuel oil, kerosene, etc.
V q31d
Y 0 No
Y 1 Yes

P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
 L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Fuel_oil,0,1)
 L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Fuel_oil=0

Q Coal 1 843 II
 T Which fuels are used for heating this house? coal or coke
 V q31e
 Y 0 No
 Y 1 Yes

P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
 L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Coal,0,1)
 L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Coal=0

Q Wood 1 844 II
 T Which fuels are used for heating this house? wood
 V q31f
 Y 0 No
 Y 1 Yes
 P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
 L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Wood,0,1)
 L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Wood=0

Q Solar 1 845 II
 T Which fuels are used for heating this house? solar
 V q31g
 Y 0 No
 Y 1 Yes
 P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
 L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Solar,0,1)
 L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Solar=0

Q Oth_fuel 1 846 II
 T Which fuels are used for heating this house? other fuel
 V q31h
 Y 0 No
 Y 1 Yes
 P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
 L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Oth_fuel,0,1)
 L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Oth_fuel=0

Q No_fuel 1 847 II
 T Which fuels are used for heating this house? No fuel
 V q31i
 Y 0 No
 Y 1 Yes
 P Fuel_ref (F1.0) '', Fuel_na (F1.0) '', Fuel_mis (F1.0) ''
 L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(No_fuel,0,1)
 L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and No_fuel=0

Q Fuel_dk 1 848 II
 T Which fuels are used for heating this house? Dont know
 V q31j

Y 0 No

Y 1 Yes

P Fuel_ref (F1.0) '' , Fuel_na (F1.0) '' , Fuel_mis (F1.0) ''

L X (Fuel_ref=0 and Fuel_na=0 and Fuel_mis=0) and any(Fuel_dk,0,1)

L X (Fuel_ref=1 or Fuel_na=1 or Fuel_mis=1) and Fuel_dk=0

Q Fuel_ref 1 849 I1

T Which fuels are used for heating this house? refused

V q31k

Y 0 No

Y 1 Yes

P Formstat (F3.0) ''

L X (any(Formstat,01,03) and (any(Fuel_ref,0,1)))

L X (any(Formstat,02,05,09) and Fuel_ref=0)

Q Fuel_na 1 850 I1

T Which fuels are used for heating this house? not applicable

V q31l

Y 0 No

Y 1 Yes

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and Fuel_na=0

L X (Formstat=01 and not(IRN=01) and any(Fuel_na,0,1))

L X (Formstat=03 and any(Fuel_na,0,1))

L X (any(Formstat,02,05,09) and Fuel_na=1)

Q Fuel_mis 1 851 I1

T Which fuels are used for heating this house? missing

V q31m

Y 0 No

Y 1 Yes

P Formstat (F3.0) ''

L X (any(Formstat,01,03) and (any(Fuel_ref,0,1)))

L X (any(Formstat,02,05,09) and Fuel_ref=0)

Q Heat_oth 1 852 I2

T Which fuels are used for heating this house? other

V q31ho

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P Oth_fuel (F1.0) ''

L X (Oth_fuel=0 and Heat_oth=-8)

L X (Oth_fuel=1 and (range(Heat_oth,01,10) or any(Heat_oth,-5,-9)))

Q Centheat 1 854 I3

T Does this house have a central heating system?

V q32

Y 001 Yes

Y 002 No

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Centheat,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Centheat,001,002,055,088,099))

L X (Formstat=03 and any(Centheat,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Enclgara=088)

* If the respondent has a heater but does not use it. The start month is coded as missing.

Q Heatstrt 1 857 I3

T What month do you start using heating devices?

V q33a

Y 001 Jan

Y 002 Feb

Y 003 Mar

Y 004 Apr

Y 005 May

Y 006 Jun

Y 007 Jul

Y 008 Aug

Y 009 Sept

Y 010 Oct

Y 011 Nov

Y 012 Dec

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and (range(Heatstrt,001,012) or any(Heatstrt,055,099))

L X (Formstat=01 and not(IRN=01) and (range(Heatstrt,001,012) or any(Heatstrt,055,088,099)))

L X (Formstat=03 and (range(Heatstrt,001,012) or any(Heatstrt,055,088,099)))

L X (any(Formstat,02,05,09) and Heatstrt=088)

* If the respondent has a heater but does not use it. The stop month is coded as missing.

Q Heatstop 1 860 I3

T What month do you stop using heating devices?

V q33b

Y 001 Jan

Y 002 Feb

Y 003 Mar

Y 004 Apr

Y 005 May

Y 006 Jun

Y 007 Jul

Y 008 Aug

Y 009 Sept

Y 010 Oct

Y 011 Nov

Y 012 Dec

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and (range(Heatstop,001,012) or any(Heatstop,055,099))
L X (Formstat=01 and not(IRN=01) and (range(Heatstop,001,012) or any(Heatstop,055,088,099)))
L X (Formstat=03 and (range(Heatstop,001,012) or any(Heatstop,055,088,099)))
L X (any(Formstat,02,05,09) and Heatstop=088)

Q Keroport 1 863 I3

T Do you use portable kerosene heaters in the months previously specified?

V q34a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Keroport,001,002,055,099)
L X (Formstat=01 and not(IRN=01) and any(Keroport,001,002,055,088,099))
L X (Formstat=03 and any(Keroport,001,002,055,088,099))
L X (any(Formstat,02,05,09) and Keroport=088)

Q Kero_num 1 866 I2

T How many heaters did you use last year?

V q34b

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (00,04)

P Keroport (F3.0) ''

L X (any(Keroport,002,088,099) and Kero_num=-8)
L X (Keroport=001 and (range(Kero_num,00,04) or any(Kero_num,-5,-9)))
L X (Keroport=055 and Kero_num=-5)

Q Kerofreq 1 868 I3

T How often do you use kerosene heaters during the heating season?

V q34c

Y 001 Less than one day a mo

Y 002 One to three days per

Y 003 One or two days a week

Y 004 3 - 5 days a week

Y 005 More than 5 days a wee

Y 055 R

Y 088 N

Y 099 M

P Keroport (F3.0) ''

L X (any(Keroport,002,088,099) and Kerofreq=088)
L X (Keroport=001 and any(Kero_num,001,002,003,004,005,055,099))
L X (Keroport=055 and Kerofreq=-5)

Q Gas_port 1 871 I3

T During the heating season is a portable nonvented gas heater used?

V q35a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Gas_port,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Gas_port,001,002,055,088,099))

L X (Formstat=03 and any(Gas_port,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Gas_port=088)

Q Gas_num 1 874 I2

T How many gas heaters?

V q35b

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (00,04)

P Gas_port (F3.0) ''

L X (any(Gas_port,002,088,099) and Gas_num=-8)

L X (Gas_port=001 and (range(Gas_num,00,04) or any(Gas_num,-5,-9)))

L X (Gas_port=055 and Gas_num=-5)

Q Gas_freq 1 876 I3

T How often is a portable nonvented gas heater used?

V q35c

Y 001 Less than one day a mo

Y 002 One to three days per

Y 003 One or two days a week

Y 004 3 - 5 days a week

Y 005 More than 5 days a wee

Y 055 R

Y 088 N

Y 099 M

P Gas_port (F3.0) ''

L X (any(Gas_port,002,088,099) and Gas_freq=088)

L X (Gas_port=001 and any(Gas_freq,001,002,003,004,005,055,099))

L X (Gas_port=055 and Gas_freq=-5)

Q Woodstov 1 879 I3

T During the heating season is a wood-burning/coal-burning stove used?

V q36a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Woodstov,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Woodstov,001,002,055,088,099))

L X (Formstat=03 and any(Woodstov,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Woodstov=088)

Q Wood_num 1 882 I2

T How many wood or coal burning stoves?

V q36b

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (0,2)

P Woodstov (F3.0) ''

L X (any(Woodstov,002,088,099) and Wood_num=-8)

L X (Woodstov=001 and (range(Wood_num,0,2) or any(Wood_num,-5,-9)))

L X (Woodstov=055 and Wood_num=-5)

Q Woodfreq 1 884 I3

T How often is a wood-burning or coal-burning stove used during the season?

V q36c

Y 001 Less than one day a mo

Y 002 One to three days per

Y 003 One or two days a week

Y 004 3 - 5 days a week

Y 005 More than 5 days a wee

Y 055 R

Y 088 N

Y 099 M

P Woodstov (F3.0) ''

L X (any(Woodstov,002,088,099) and Woodfreq=088)

L X (Woodstov=001 and any(Woodfreq,001,002,003,004,005,055,099))

L X (Woodstov=055 and Woodfreq=-5)

Q Woodburn 1 887 I3

T What is burned in the stove?

V q36d

Y 001 Wood

Y 002 Coal

Y 003 Other (Specify: _____)

Y 055 R

Y 088 N

Y 099 M

P Woodstov (F3.0) ''

L X (any(Woodstov,002,088,099) and Woodburn=088)

L X (Woodstov=001 and any(Woodburn,001,002,003,055,099))

L X (Woodstov=055 and Woodburn=-5)

Q Wburnoth 1 890 I2

T What is burned in the stove? other

V q36do

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P Woodburn (F3.0) ''

L X (any(Woodburn,001,002,088,099) and Wburnoth=-8)

L X (Woodburn=003 and (range(Wburnoth,01,10) or any(Wburnoth,-5,-9)))

L X (Woodburn=055 and Wburnoth=-5)

Q Fireplac 1 892 I3

T fireplace?

V q37a

Y 001 yes

Y 002 no

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Fireplac,001,002,055,099)

L X (Formstat=01 and not(IRN=01) and any(Fireplac,001,002,055,088,099))

L X (Formstat=03 and any(Fireplac,001,002,055,088,099))

L X (any(Formstat,02,05,09) and Fireplac=088)

Q Fire_num 1 895 I2

T How many fireplaces?

V q37b

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (0,3)

P Fireplac (F3.0) ''

L X (any(Fireplac,002,088,099) and fire_num=-8)

L X (Fireplac=001 and (range(fire_num,00,03) or fire_num=-9))

L X (Fireplac=055 and Fire_num=-5)

Q Firefreq 1 897 I3

T How often was a fireplace used?

V q37c

Y 001 Less than one day a mo

Y 002 One to three days per

Y 003 One or two days a week

Y 004 3 - 5 days a week

Y 005 More than 5 days a wee

Y 055 R

Y 088 N

Y 099 M

P Fireplac (F3.0) ''

L X (any(Fireplac,002,088,099) and firefreq=088)

L X (Fireplac=001 and any(firefreq,001,002,003,004,005,055,099))

L X (Fireplac=055 and Firefreq=-5)

Q Burnwood 1 900 I1

T What is burned in the fireplace? wood

V q37d1

Y 0 No

Y 1 Yes

P Fireplac (F3.0) '', Burn_ref (F1.0) '', Burn_na (F1.0) '', Burn_mis (F1.0) ''

L X (Burn_ref=0 and Burn_na=0 and Burn_mis=0) and any(Burnwood,0,1)

L X (Burn_ref=1 or Burn_na=1 or Burn_mis=1) and Burnwood=0

Q Burnarti 1 901 I1

T What is burned in the fireplace? artifical logs

V q37d2

Y 0 No

Y 1 Yes

P Fireplac (F3.0) '', Burn_ref (F1.0) '', Burn_na (F1.0) '', Burn_mis (F1.0) ''

L X (Burn_ref=0 and Burn_na=0 and Burn_mis=0) and any(Burnarti,0,1)

L X (Burn_ref=1 or Burn_na=1 or Burn_mis=1) and Burnarti=0

Q Burn_gas 1 902 I1

T What is burned in the fireplace? gas

V q37d3

Y 0 No

Y 1 Yes

P Fireplac (F3.0) '', Burn_ref (F1.0) '', Burn_na (F1.0) '', Burn_mis (F1.0) ''

L X (Burn_ref=0 and Burn_na=0 and Burn_mis=0) and any(Burn_gas,0,1)

L X (Burn_ref=1 or Burn_na=1 or Burn_mis=1) and Burn_gas=0

Q Burn_oth 1 903 I1

T What is burned in the fireplace? other

V q37d4

Y 0 No

Y 1 Yes

P Fireplac (F3.0) '', Burn_ref (F1.0) '', Burn_na (F1.0) '', Burn_mis (F1.0) ''

L X (Burn_ref=0 and Burn_na=0 and Burn_mis=0) and any(Burn_oth,0,1)

L X (Burn_ref=1 or Burn_na=1 or Burn_mis=1) and Burn_oth=0

Q Burn_ref 1 904 I1

T What is burned in the fireplace? refused

V q37d5

Y 0 No

Y 1 Yes

P fireplac (F3.0) ''

L X (any(fireplac,002,088,099) and burn_ref=0)

L X (Fireplac=001 and any(Burn_ref,0,1))

L X (Fireplac=055 and Burn_ref=1)

Q Burn_na 1 905 I1

T What is burned in the fireplace? not applicable

V q37d6

Y 0 No

Y 1 Yes

P fireplac (F3.0) ''

L X (any(fireplac,002,088,099) and burn_na=1)

L X (Fireplac=001 and Burn_na=0)

L X (Fireplac=055 and Burn_na=0)

Q Burn_mis 1 906 I1

T What is burned in the fireplace? missing

V q37d7

Y 0 No

Y 1 Yes

P fireplac (F3.0) ''

L X (any(fireplac,002,088,099) and burn_mis=0)

L X (Fireplac=001 and any(Burn_mis,0,1))

L X (Fireplac=055 and Burn_mis=0)

Q Fireburo 1 907 I2

T What is burned in the fireplace? other

V q37d4o

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (01,10)

P fireplac (F3.0) '' ,burn_oth (F1.0) ''

L X (Burn_oth=0 and Fireburo=-8)

L X (Burn_oth=1 and (range(Fireburo,01,10) or any(Fireburo,-5,-9)))

Q Pests_in 1 909 I3

T In the past 6 months were any chemicals used for pest control?

V q38a

Y 001 Yes

Y 002 No

Y 003 Dont Know

Y 055 R

Y 088 N

Y 099 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Pests_in,001,002,003,055,099)

L X (Formstat=01 and not(IRN=01) and any(Pests_in,001,002,003,055,088,099))

L X (Formstat=03 and any(Pests_in,001,002,003,055,088,099))

L X (any(Formstat,02,05,09) and Pests_in=088)

Q Pest_liv 1 912 I1

T What rooms? living

V q38b1

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '' ,Pestrref (F1.0) '' ,Pestrna (F1.0) '' ,Pestrmis (F1.0) ''

L X (Pestrref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_liv,0,1)

L X (Pestrref=1 or Pestrna=1 or Pestrmis=1) and Pest_liv=0

Q Pest_fam 1 913 I1

T What rooms? family?

V q38b2

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '' ,Pestrref (F1.0) '' ,Pestrna (F1.0) '' ,Pestrmis (F1.0) ''

L X (Pestrref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_fam,0,1)

L X (Pestrref=1 or Pestrna=1 or Pestrmis=1) and Pest_fam=0

Q Pest_din 1 914 I1

T What rooms? dining

V q38b3

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestref (F1.0) '', Pestrna (F1.0) '', Pestrmis (F1.0) ''

L X (Pestref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_din,0,1)

L X (Pestref=1 or Pestrna=1 or Pestrmis=1) and Pest_din=0

Q Pest_kit 1 915 I1

T What rooms? kitchen

V q38b4

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestref (F1.0) '', Pestrna (F1.0) '', Pestrmis (F1.0) ''

L X (Pestref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_kit,0,1)

L X (Pestref=1 or Pestrna=1 or Pestrmis=1) and Pest_kit=0

Q Pest_bat 1 916 I1

T What rooms? bathroom

V q38b5

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestref (F1.0) '', Pestrna (F1.0) '', Pestrmis (F1.0) ''

L X (Pestref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_bat,0,1)

L X (Pestref=1 or Pestrna=1 or Pestrmis=1) and Pest_bat=0

Q Pest_bed 1 917 I1

T What rooms? bedroom

V q38b6

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestref (F1.0) '', Pestrna (F1.0) '', Pestrmis (F1.0) ''

L X (Pestref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_bed,0,1)

L X (Pestref=1 or Pestrna=1 or Pestrmis=1) and Pest_bed=0

Q Pest_orm 1 918 I1

T What rooms? other

V q38b7

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestref (F1.0) '', Pestrna (F1.0) '', Pestrmis (F1.0) ''

L X (Pestref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_orm,0,1)

L X (Pestref=1 or Pestrna=1 or Pestrmis=1) and Pest_orm=0

Q Pest_dk 1 919 I1

T What rooms? dont know

V q38b8

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestref (F1.0) '', Pestrna (F1.0) '', Pestrmis (F1.0) ''

L X (Pestref=0 and Pestrna=0 and Pestrmis=0) and any(Pest_dk,0,1)

L X (Pestref=1 or Pestrna=1 or Pestrmis=1) and Pest_dk=0

Q Pestref 1 920 I1

T What rooms? refused

V q38b9

Y 0 No

Y 1 Yes

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestref=0)

L X (Pests_in=001 and any(Pestref,0,1))

L X (Pests_in=055 and Pestref=1)

Q Pestna 1 921 I1

T What rooms? not applicable

V q38b10

Y 0 No

Y 1 Yes

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestna=1)

L X (Pests_in=001 and Pestref=0)

L X (Pests_in=055 and Pestref=0)

Q Pestrmis 1 922 I1

T What rooms? missing

V q38b11

Y 0 No

Y 1 Yes

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestrmis=0)

L X (Pests_in=001 and any(Pestrmis,0,1))

L X (Pests_in=055 and Pestrmis=0)

Q Pestflor 1 923 I1

T What areas treated? floors

V q38c1

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''

L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestflor,0,1)

L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestflor=0

Q Pestbase 1 924 I1

T What areas treated? baseboards

V q38c2

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''

L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestbase,0,1)

L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestbase=0

Q Pestwal 1 925 I1

T What areas treated? lower half of the walls

V q38c3

Y 0 No

Y 1 Yes
P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''
L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestlwal,0,1)
L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestlwal=0

Q Pestuwal 1 926 I1
T What areas treated? upper half of the walls
V q38c4
Y 0 No
Y 1 Yes
P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''
L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestuwal,0,1)
L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestuwal=0

Q Pestceil 1 927 I1
T What areas treated? ceilings
V q38c5
Y 0 No
Y 1 Yes
P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''
L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestceil,0,1)
L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestceil=0

Q Pestcupd 1 928 I1
T What areas treated? cupboards, dishes, pots, and pans
V q38c6
Y 0 No
Y 1 Yes
P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''
L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestcupd,0,1)
L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestcupd=0

Q Pestcupf 1 929 I1
T What areas treated? cupboards with food
V q38c7
Y 0 No
Y 1 Yes
P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''
L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestcupf,0,1)
L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestcupf=0

Q Pestcabi 1 930 I1
T What areas treated? cabinets used for storage
V q38c8
Y 0 No
Y 1 Yes
P Pests_in (F3.0) '', Pestsref (F1.0) '', Pestsna (F1.0) '', Pestsmis (F1.0) ''
L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestcabi,0,1)
L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestcabi=0

Q Pestclos 1 931 I1
T What areas treated? closets

V q38c9

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '' , Pestsref (F1.0) '' , Pestsna (F1.0) '' , Pestsmis (F1.0) ''

L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pestclos,0,1)

L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pestclos=0

Q Pest_oth 1 932 I1

T What areas treated? other

V q38c10

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '' , Pestsref (F1.0) '' , Pestsna (F1.0) '' , Pestsmis (F1.0) ''

L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pest_oth,0,1)

L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pest_oth=0

Q Pests_dk 1 933 I1

T What areas treated? dont know

V q38c11

Y 0 No

Y 1 Yes

P Pests_in (F3.0) '' , Pestsref (F1.0) '' , Pestsna (F1.0) '' , Pestsmis (F1.0) ''

L X (Pestsref=0 and Pestsna=0 and Pestsmis=0) and any(Pests_dk,0,1)

L X (Pestsref=1 or Pestsna=1 or Pestsmis=1) and Pests_dk=0

Q Pestsref 1 934 I1

T What areas treated? refused

V q38c12

Y 0 No

Y 1 Yes

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestsref=0)

L X (Pests_in=001 and any(Pestsref,0,1))

L X (Pests_in=055 and Pestsref=1)

Q Pestsna 1 935 I1

T What areas treated? not applicable

V q38c13

Y 0 No

Y 1 Yes

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestsna=1)

L X (Pests_in=001 and Pestsna=0)

L X (Pests_in=055 and Pestsna=0)

Q Pestsmis 1 936 I1

T What areas treated? missing

V q38c14

Y 0 No

Y 1 Yes

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestsmis=0)

L X (Pests_in=001 and any(Pestsmis,0,1))
 L X (Pests_in=055 and Pestsmis=0)

Q Pestso1 1 937 I2
 T What areas treated? other
 V q38co1
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 R (01,36)
 P Pests_in (F3.0) '' ,Pest_oth (F1.0) ''
 L X (Pest_oth=0 and Pestso1=-8)
 L X (Pest_oth=1 and (range(Pestso1,01,36) or any(Pestso1,-5,-9)))

Q Pestso2 1 939 I2
 T What areas treated? other2
 V q38co2
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 R (01,36)
 P Pests_in (F3.0) '' ,Pest_oth (F1.0) ''
 L X (Pest_oth=0 and Pestso2=-8)
 L X (Pest_oth=1 and (range(Pestso2,01,36) or any(Pestso2,-5,-8,-9)))

Q Persapli 1 941 I2
 T Did you apply these products personally?
 V q38d1
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 R (00,24)
 P Pests_in (F3.0) ''
 L X (any(Pests_in,002,003,088,099) and Persapli=-8)
 L X (Pests_in=001 and (range(Persapli,00,24) or any(Persapli,-5,-9)))
 L X (Pests_in=055 and Persapli=-5)

Q Profapli 1 943 I2
 T Did you apply these products professionally?
 V q38d2
 Y -5 Refused Value
 Y -8 Default Value
 Y -9 Missing Value
 R (00,25)
 P Pests_in (F3.0) ''
 L X (any(Pests_in,002,003,088,099) and Profapli=-8)
 L X (Pests_in=001 and (range(Profapli,00,25) or any(Profapli,-5,-9)))
 L X (Pests_in=055 and Profapli=-5)

Q Othrapli 1 945 I2
 T Someone else apply these products?
 V q38d3

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (00,25)

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Othrapli=-8)

L X (Pests_in=001 and (range(Othrapli,00,25) or any(Othrapli,-5,-9)))

L X (Pests_in=055 and Othrapli=-5)

Q Pestmoni 1 947 I3

T In what month were they last used inside this house?

V q38e

Y 001 Jan

Y 002 Feb

Y 003 Mar

Y 004 Apr

Y 005 May

Y 006 Jun

Y 007 Jul

Y 008 Aug

Y 009 Sep

Y 010 Oct

Y 011 Nov

Y 012 Dec

Y 013 DK

Y 055 R

Y 088 N

Y 099 M

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pestmoni=088)

L X (Pests_in=001 and (range(Pestmoni,001,013) or any(Pestmoni,055,099)))

L X (Pests_in=055 and Pestmoni=055)

Q Pest_in1 1 950 I3

T What are the names of products last used? 1

V q38f1

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P Pests_in (F3.0) ''

L X (any(Pests_in,002,003,088,099) and Pest_in1=-88)

L X (Pests_in=001 and (range(Pest_in1,001,999) or any(Pest_in1,-55,-99)))

L X (Pests_in=055 and Pest_in1=-55)

Q Pest_in2 1 953 I3

T What are the names of products last used? 2

V q38f2

Y -55 Refused Value

Y -88 Default Value

Y -99 Missing Value

R (001,999)

P Pests_in (F3.0) ''
 L X (any(Pests_in,002,003,088,099) and Pest_in2=-88)
 L X (Pests_in=001 and range(Pest_in2,-99,999))
 L X (Pests_in=055 and Pest_in2=-55)

Q Pest_in3 1 956 I3
 T What are the names of products last used? 3
 V q38f3
 Y -55 Refused Value
 Y -88 Default Value
 Y -99 Missing Value
 R (001,999)
 P Pests_in (F3.0) ''
 L X (any(Pests_in,002,003,088,099) and Pest_in3=-88)
 L X (Pests_in=001 and range(Pest_in3,-99,999))
 L X (Pests_in=055 and Pest_in3=-55)

Q Pestipre 1 959 I3
 T How was this product prepared for application?
 V q38g
 Y 001 Mixed or diluted
 Y 002 Applied directly as pur
 Y 003 Don't know
 Y 055 R
 Y 088 N
 Y 099 M
 P Pests_in (F3.0) ''
 L X (any(Pests_in,002,003,088,099) and Pestipre=088)
 L X (Pests_in=001 and any(Pestipre,001,002,003,055,099))
 L X (Pests_in=055 and Pestipre=055)

* The following 16 bubble fields were changed from I3 to I2 in order to keep
 * the total length below 1024.

Q Pestimix 1 962 I2
 T Who mixed this product?
 V q38h
 Y 01 Respondent
 Y 02 Professional exterminat
 Y 03 Other
 Y 04 Don't know
 Y 55 R
 Y 88 N
 Y 99 M
 P Pests_in (F3.0) '' , Pestipre (F3.0) ''

L X (any(Pestipre,002,003,088,099) and Pestimix=88)
 L X (Pestipre=001 and any(Pestimix,01,02,03,04,55,99))
 L X (Pestipre=055 and Pestipre=055)

Q Pestimil 1 964 I2
 T How was it mixed?
 V q38i
 Y -5 Refused Value

Y -8 Default Value
Y -9 Missing Value
R (01,99)
P Pests_in (F3.0) ''
L X (any(Pestipre,002,003,088,099) and Pestimil=-8)
L X (Pests_in=001 and (range(Pestimil,01,99) or any(Pestimil,-5,-9)))
L X (Pests_in=055 and Pestimil=055)

Q Pest_out 1 966 I2
T In the past 6 months, chemicals for pest control outside?
V q39a
Y 01 yes
Y 02 no
Y 03 Don't know
Y 55 R
Y 88 N
Y 99 M
P Formstat (F3.0) ''
L X (Formstat=01 and IRN=01) and any(Pest_out,01,02,03,55,99)
L X (Formstat=01 and not(IRN=01) and any(Pest_out,01,02,03,55,88,99))
L X (Formstat=03 and any(Pest_out,01,02,03,55,88,99))
L X (any(Formstat,02,05,09) and Pest_out=88)

Q Persaplo 1 968 I2
T How many times did you personally apply these?
V q39b1
Y -5 Refused Value
Y -8 Not Applicable
Y -9 Missing Value
R (00,25)
P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Persaplo=-8)
L X (Pest_out=001 and (range(Persaplo,00,25) or any(Persaplo,-5,-9)))
L X (Pest_out=055 and Persaplo=-5)

Q Profaplo 1 970 I2
T How many times did someone professionally apply these?
V q39b2
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
R (00,25)
P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Profaplo=-8)
L X (Pest_out=001 and (range(Profaplo,00,25) or any(Profaplo,-5,-9)))
L X (Pest_out=055 and Profaplo=-5)

Q Othraplo 1 972 I2
T How many times did someone else apply these?
V q39b3
Y -5 Refused Value
Y -8 Default Value

Y -9 Missing Value
R (00,25)
P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Othraplo=-8)
L X (Pest_out=001 and (range(Othraplo,00,25) or any(Othraplo,-5,-9)))
L X (Pest_out=055 and Othraplo=-5)

Q Pestmono 1 974 I2
T In what month were they last used outside?

V q39c
Y 01 Jan
Y 02 Feb
Y 03 Mar
Y 04 Apr
Y 05 May
Y 06 Jun
Y 07 Jul
Y 08 Aug
Y 09 Sept
Y 10 Oct
Y 11 Nov
Y 12 Dec
Y 13 DK
Y 55 R
Y 88 N
Y 99 M

P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Pestmono=88)
L X (Pest_out=001 and (range(Pestmono,001,013) or any(Pestmono,055,099)))
L X (Pest_out=055 and Pestmono=55)

Q Pestout1 1 976 I3
T What are the names of the products used outside? 1

V q39d1
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (001,999)

P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Pestout1=-88)
L X (Pest_out=01 and (range(Pestout1,001,999) or any(Pestout1,-55,-99)))
L X (Pest_out=055 and Pestout1=-55)

Q Pestout2 1 979 I3
T What are the names of the products used outside? 2

V q39d2
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (001,999)
P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Pestout2=-88)

L X (Pest_out=01)
L X (Pest_out=055 and Pestout2=-55)

Q Pestout3 1 982 I3
T What are the names of the products used outside? 3
V q39d3
Y -55 Refused Value
Y -88 Default Value
Y -99 Missing Value
R (001,999)
P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Pestout3=-88)
L X (Pest_out=01)
L X (Pest_out=055 and Pestout3=-55)

Q Pestopre 1 985 I2
T The last time this product was used, how was it prepared?
V q39e
Y 01 Mixed or diluted
Y 02 Applied directly as pur
Y 03 Don't know
Y 55 R
Y 88 N
Y 99 M
P Pest_out (F2.0) ''
L X (any(Pest_out,02,03,88,99) and Pestopre=88)
L X (Pest_out=01 and any(Pestopre,01,02,03,55,99))
L X (Pest_out=055 and Pestopre=55)

Q Pestomix 1 987 I2
T The last time this product was used, who mixed the product?
V q39f
Y 01 Respondent
Y 02 Professional exterminat
Y 03 Other
Y 04 Don't know
Y 55 R
Y 88 N
Y 99 M
P Pest_out (F2.0) '', Pestopre (F2.0) ''
L X (any(Pestopre,02,03,88,99) and Pestomix=88)
L X (Pestopre=01 and any(Pestomix,01,02,03,04,55,99))
L X (Pestopre=055 and Pestomix=55)

Q Pestomil 1 989 I2
T Where was it mixed?
V q39g
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value
R (01,39)
P Pest_out (F2.0) '', Pestopre (F2.0) ''

L X (any(Pestopre,02,03,88,99) and Pestomil=-8)
 L X (Pestopre=01 and (range(Pestomil,01,39) or any(Pestomil,-5,-9)))
 L X (Pest_out=055 and Pestomil=-5)

Q Lawntret 1 991 I2
 T In the past 6 months have you had any lawn treatments?
 V q40a

Y 01 yes
 Y 02 no
 Y 03 Don't know
 Y 55 R
 Y 88 N
 Y 99 M

P Formstat (F3.0) ''
 L X (Formstat=01 and IRN=01) and any(Lawntret,01,02,03,55,99)
 L X (Formstat=01 and not(IRN=01) and any(Lawntret,01,02,03,55,88,99))
 L X (Formstat=03 and any(Lawntret,01,02,03,55,88,99))
 L X (any(Formstat,02,05,09) and Lawntret=88)

Q Lawnwho 1 993 I2
 T Who ussually applies this treatment
 V q40b

Y 01 Respondent
 Y 02 Professional
 Y 03 Someone else
 Y 55 R
 Y 88 N
 Y 99 M

P Lawntret (F2.0) ''
 L X (any(Lawntret,02,03,88,99) and Lawnwho=88)
 L X (Lawntret=01 and any(Lawnwho,01,02,03,55,99))
 L X (Lawntret=55 and Lawnwho=55)

Q Lawn_w_d 1 995 I2
 T Were the treatments applied wet or dry?

V q40c
 Y 01 Wet
 Y 02 Dry
 Y 03 Don't know
 Y 55 R
 Y 88 N
 Y 99 M

P Lawntret (F2.0) ''
 L X (any(Lawntret,02,03,88,99) and Lawn_w_d=88)
 L X (Lawntret=01 and any(Lawn_w_d,01,02,03,55,99))
 L X (Lawntret=55 and Lawn_w_d=55)

Q Lawnweed 1 997 I2
 T In the past 6 months, how many treatments contained weed control?
 V q40d
 Y -5 Refused Value
 Y -8 Default Value

Y -9 Missing Value

R (0,24)

P Lawntret (F2.0) ''

L X (any(Lawntret,02,03,88,99) and Lawnweed=-8)

L X (Lawntret=01 and (range(Lawnweed,00,24) or any(Lawnweed,-5,-9)))

L X (Lawntret=55 and Lawnweed=-5)

Q Lawnpest 1 999 I2

T In the past 6 months how many of lwan treatments had insect control?

V q40e

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (0,10)

P Lawntret (F2.0) ''

L X (any(Lawntret,02,03,88,99) and Lawnpest=-8)

L X (Lawntret=01 and (range(Lawnpest,00,10) or any(Lawnpest,-5,-9)))

L X (Lawntret=55 and Lawnpest=-5)

Q Lawn_mon 1 1001 I2

T In what month was the last treatment applied?

V q40f

Y 01 Jan

Y 02 Feb

Y 03 Mar

Y 04 Apr

Y 05 May

Y 06 Jun

Y 07 Jul

Y 08 Aug

Y 09 Sept

Y 10 Oct

Y 11 Nov

Y 12 Dec

Y 13 DK

Y 55 R

Y 88 N

Y 99 M

P Lawntret (F2.0) ''

L X (any(Lawntret,02,03,88,99) and Lawn_mon=88)

L X (Lawntret=001 and (range(Lawn_mon,001,013) or any(Lawn_mon,055,099)))

L X (Lawntret=55 and Lawn_mon=55)

Q Mothball 1 1003 I2

T During the past 6 months, have mothballs been used in this house?

V q41

Y 01 yes

Y 02 no

Y 55 R

Y 88 N

Y 99 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Mothball,01,02,55,99)
L X (Formstat=01 and not(IRN=01) and any(Mothball,01,02,55,88,99))
L X (Formstat=03 and any(Mothball,01,02,55,88,99))
L X (any(Formstat,02,05,09) and Mothball=88)

Q Roomdeod 1 1005 I2
T During the past 6 months, have deoderizers been used in this apartment?

V q42
Y 01 yes
Y 02 no
Y 55 R
Y 88 N
Y 99 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Roomdeod,01,02,55,99)
L X (Formstat=01 and not(IRN=01) and any(Roomdeod,01,02,55,88,99))
L X (Formstat=03 and any(Roomdeod,01,02,55,88,99))
L X (any(Formstat,02,05,09) and Roomdeod=88)

Q Pets 1 1007 I2
T Do you have pets such as dogs, cats, gerbils, hamsters, etc.

V q43a
Y 01 yes
Y 02 no
Y 55 R
Y 88 N
Y 99 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Pets,01,02,55,99)
L X (Formstat=01 and not(IRN=01) and any(Pets,01,02,55,88,99))
L X (Formstat=03 and any(Pets,01,02,55,88,99))
L X (any(Formstat,02,05,09) and Pets=88)

Q Pet_in 1 1009 I2
T How many of these pets are kept indoors?

V q43b
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value

R (00,25)

P Pets (F2.0) ''

L X (any(Pets,02,88,99) and Pet_in=-8)
L X (Pets=01 and (range(Pet_in,00,25) or any(Pet_in,-5,-9)))
L X (Pets=55 and Pet_in=-5)

Q Pet_out 1 1011 I2
T How many of these pets are kept outdoors?

V q43c
Y -5 Refused Value
Y -8 Default Value
Y -9 Missing Value

R (00,25)

P Pets (F2.0) ''

L X (any(Pets,02,88,99) and Pet_out=-8)

L X (Pets=01 and (range(Pet_out,00,25) or any(Pet_out,-5,-9)))

L X (Pets=55 and Pet_out=-5)

Q Pet_both 1 1013 I2

T How many of these pets are kept indoors and outdoors?

V q43d

Y -5 Refused Value

Y -8 Default Value

Y -9 Missing Value

R (00,25)

P Pets (F2.0) ''

L X (any(Pets,02,88,99) and Pet_both=-8)

L X (Pets=01 and (range(Pet_both,00,25) or any(Pet_both,-5,-9)))

L X (Pets=55 and Pet_both=-5)

Q Fleachem 1 1015 I2

T Are any chemicals used on pets to control fleas and ticks?

V q43e

Y 01 yes

Y 02 no

Y 55 R

Y 88 N

Y 99 M

P Pets (F2.0) ''

L X (any(Pets,02,88,99) and Fleachem=88)

L X (Pets=01 and any(Fleachem,01,02,55,99))

L X (Pets=55 and Fleachem=55)

Q Fleacode 1 1017 I2

T What is the name of the products?

V q43f

Y -5 Refused Value

Y -8 Not Applicable

Y -9 Missing Value

R (01,99)

P Pets (F3.0) '' ,Fleachem (F2.0) ''

L X (any(Fleachem,02,88,99) and Fleacode=-8)

L X (Fleachem=01 and (range(Fleacode,01,99) or any(Fleacode,-5,-9)))

L X (Fleachem=55 and Fleacode=-5)

Q Income 1 1019 I2

T What is gross family income?

V q44

Y 01 Less than \$ 9,999

Y 02 \$ 10,000 - \$ 19,999

Y 03 \$ 20,000 - \$ 29,999

Y 04 \$ 30,000 - \$ 39,999

Y 05 \$ 40,000 - \$ 49,999

Y 06 \$ 50,000 - \$ 74,000

Y 07 \$ 75,000 - \$ 99,999

Y 08 \$ 100,000 or more

Y 09 Don't know

Y 55 Refuse

Y 88 N

Y 99 M

P Formstat (F3.0) ''

L X (Formstat=01 and IRN=01) and any(Income,01,02,03,04,05,06,07,08,09,55,99)

L X (Formstat=01 and not(IRN=01) and any(Income,01,02,03,04,05,06,07,08,09,55,88,99))

L X (Formstat=03 and any(Income,01,02,03,04,05,06,07,08,09,55,88,99))

L X (any(Formstat,02,05,09) and Income=88)

Q Incomenv 1 1021 I2

V q44k

Y 011 Answer in envelope

Y 055 R

Y 088 N

Y 099 M