

# The Arizona Border Study

*An Extension of the  
Arizona National Human Exposure Assessment Survey (NHEXAS) Study  
Sponsored by the Environmental Health Workgroup of the Border XXI Program*

## Quality Systems and Implementation Plan for Human Exposure Assessment

The University of Arizona  
Tucson, Arizona 85721

Cooperative Agreement CR 824719

### Standard Operating Procedure

**SOP-UA-D-36.0**

**Title:** Cleaning: Technician Walk-Through Questionnaire

**Source:** The University of Arizona

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

~~Environmental Protection Agency~~ ESG  
~~Contract Number: CR821560~~ ESG 7-11-97

## Title: CLEANING: Technician Walk-Through Questionnaire

Document No. UA-D-36.0

## APPROVALS

Full SOP  Working SOP #pages

~~On site Principal Investigator:~~

**Issue Date:** June 1997

Project QA Director:

Revision No. 36a.0

**Independent Reviewer:**

Revision No:  
Revision Date:  
Revision Made:

On Site PI:

### **Project OA Director:**

#### **Independent Reviewer:**

Revision No:  
Revision Date:  
Revision Made:

On Site PI:

## **Project QA Director:**

### Independent Reviewer:

Distributed To:

## Cleaning: Technician Walk-Through Qx

### 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 Technician Walk-Through Questionnaire. It applies to electronic data corresponding to the Technician Walk-Through Questionnaire that was scanned and verified by NHEXAS Arizona, the Border Study, and other Health and Environment projects Data Staff.

### 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, and other Health and 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 Technician Walk-Through 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 Technician Walk-Through Questionnaire is given in Appendix B. This dictionary defines the file structure for the Technician Walk-Through 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 Technician Walk-Through 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 *MDM*.
- 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 "7" for Technician Qx.
- 4. The *MDM* shall 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. 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 which are unique to the Technician Walk-Through Questionnaire.

- 7.2.1 If the respondent has move out of the household, the bedroom number is non-applicable.
- 7.2.2 If information is missing from the Subject Tracking Table, contact the Field Coordinator. The Field Coordinator will contact the subject in order to obtain the missing information.
- 7.2.3 The variables for question #10 are dependent on the stage. For details on the samples taken in each stage see field SOP UA-F-2.X (Figure 3).
- 7.2.4 There is no missing value for the "Scotch Guard" variable. The missing values are added at the master database level.

## 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 directories tarred with their associated batch: /rsc53/NHEXAZdata/master/qx/tqx/tqx/data and /rsc53/NHEXAZdata/master/qx/tqx/detail/data.
- 8.4 Records of the cleaning batches which have been appended to the master data base are located in the following directories: /rsc53/NHEXAZdata/master/qx/tqx/tqx and /rsc53/NHEXAZdata/master/qx/tqx/details. 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.

**Inclusive:**

Appendix A: Technician Questionnaire (8 pages)

Appendix B: Technician Dictionary, Pages 1-6 (80 pages)

Appendix C: Technician Dictionary, Pages 7-8 (5 pages)

June 1997

Page 1

## **Appendix A: Technician Questionnaire**

## **TECHNICIAN WALK-THROUGH QUESTIONNAIRE**

## National Human Exposure Assessment Survey

<p>Itemnum Form Type: <b>08</b></p> <p>NHexas Form ID: UA-T-1.0-3.0</p>	<p><b>Study</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> 1. NHEXAS</li> <li><input type="radio"/> 2. Border</li> <li><input type="radio"/> 3. _____</li> <li><input type="radio"/> 4. _____</li> <li><input type="radio"/> 5. _____</li> </ul>	<p><b>Stage</b></p> <p>Stage #: _____</p> <p>Collapsed? <i>Collapse</i> Y N 8 <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>Administered By:</p> <p>Init. _____ Tech. ID _____ Tech ID _____</p>	<p>HHID HHID F.S.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> <p>Administration Date HHIDFS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> <p>MO / DAY / YR Event date</p>																						
<p><b>Complete this questionnaire by observation. You may ask participant any questions that are not apparent.</b></p> <p>1. How many stories (floors) are in this building? <b>Count only floors with finished rooms for living purposes or full basements. (Do not include sub-basements.)</b></p> <p>Floor(s): <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> <i>If multi-family building — Continue Else — Go to question #3</i></p> <p><i>Floors</i></p> <p>2. Which floor(s) do respondents live on? <b>List each floor.</b></p> <p>Floor#: <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> Floor#: <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> Floor#: <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> Floor#: <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> Floor#: <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table></p> <p>F-live 1 F-live 2 F-live 3 F-live 4 F-live 5</p> <p>3. How many rooms are carpeted or have rugs covering most (&gt;50%) of their surface?</p> <p>Rooms: <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> [ ] N/A or no room(s) is carpeted.</p> <p><i>Rooms carp</i></p> <p>4. Using the following statements, how would you rate the overall dust level within the residence? <b>Fill in ONE bubble.</b></p> <p>DUST - lev</p> <ul style="list-style-type: none"> <li><input type="radio"/> 1. Very Dusty</li> <li><input type="radio"/> 2. Some Dust -- obvious efforts to control dust</li> <li><input type="radio"/> 3. "No" Dust -- extreme dust control, very clean</li> </ul> <p>Additional Comments on dust control: _____</p> <p>5. Indicate nearest major intersection: (Eg., Park and Speedway)</p> <p><table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> Street 1 &amp; <table border="1" style="display: inline-table;"><tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr></table> Street 2</p>																										
<p><b>QC / CODING</b></p> <p><input type="checkbox"/> QC <input type="checkbox"/> -5.R <input type="checkbox"/> -8.N <input type="checkbox"/> -9.M</p> <p><input type="checkbox"/> QC <input type="checkbox"/> -5.R <input type="checkbox"/> -8.N <input type="checkbox"/> -9.M</p> <p><input type="checkbox"/> QC <input type="checkbox"/> -5.R <input type="checkbox"/> -8.N <input type="checkbox"/> -9.M</p> <p><input type="checkbox"/> QC <input type="checkbox"/> -5.R <input type="checkbox"/> -8.N <input type="checkbox"/> -9.M</p> <p><input type="checkbox"/> 55.R <input type="checkbox"/> 88.N <input type="checkbox"/> 99.M</p> <p>Dust - com Dust Com.</p>																										

### Formstat.

OFFICE USE ONLY

Public reporting burden for this collection of information is estimated to average 5 minutes per completion, and to require 0 hours recordkeeping. This includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, 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 #: 2080-0053 Expires: 07/31/98

## EXTERIOR AND INTERIOR RESIDENTIAL CHARACTERISTICS

PAGE 2

Technician Qx

- 6 a. Surrounding area (within a quarter mile radius of this property): **Fill in bubbles of ALL THAT APPLY.**

- Resident  1. Residential  
 Recreatl  2. Recreational  
 Commercl  3. Commercial  
 Industrl  4. Industrial  
 Agricult  5. Agricultural  
 Neighotho  6. Other (specify: \_\_\_\_\_)

} (Shade bubbles of dominant land uses.)

## QC / CODING

- 55.R Neigh- ref  
 88.N Neigh- Na  
 99.M Neigh- Mis

 Area:

--	--

O-area

- 6 b. Distance to street:

**Measure the distance from the curb to the primary entrance to the residence or shade bubble if distance is estimated to be greater than 300 feet.**

Feet (<300) : 

--	--	--

OR

Fill bubble if true:

1. Curb is > 300 feet from primary entrance

Gt - 300ft

Dist-str

- 6 c. Exterior siding material (including foundation): **Fill in bubbles of ALL THAT APPLY.**

- Ext-wood  1. Wood  
 Ext-brick  2. Brick  
 Extvinyl  3. Vinyl / aluminum  
 Extconer  4. Concrete block  
 Extstucc  5. Stucco  
 Extasbeso  6. Asbestos / asphalt  
 Ext-oth  7. Other (specify: \_\_\_\_\_)

- 55.R  
 88.N  
 99.M

 Siding:

--	--

O-siding

- 6 d. Is there paint on any exterior surface that is chalking, chipping, or peeling? **Fill in ONE bubble.**

1. Yes  
 2. No  
 3. Not painted

Ext-pnt

- 55.R  
 88.N  
 99.M

- 6 e. Is there paint on any interior surface that is chalking, chipping, or peeling? **Fill in ONE bubble.**

1. Yes  
 2. No  
 3. Not painted

Int-pnt

- 55.R  
 88.N  
 99.M

- 6 f. Material around primary entrance to structure: **Fill in bubbles of ALL THAT APPLY.**

- Ent-soil  1. Soil (Primary entrance = most often used.)

- Entgrass  2. Grass

- Entcement  3. Cement / asphalt / brick

- Ent-grav  4. Gravel

- Ent-wood  5. Wood (If deck, yes; if door frame, no.)

- Ent-oth  6. Other (specify: \_\_\_\_\_)

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

 Material:

--	--

O-entmat

941

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"/>																			



HHID: \_\_\_\_\_ FS: \_\_\_\_\_

PAGE 3

Technician Qx

6 g. Dripline: *Fill in ONE bubble.*

- 1. At wall
- 2. Gutters -- no dripline
- 3. \_\_\_\_\_ feet from wall
- 4. Other (specify): \_\_\_\_\_

Dripline

Dripline ft. from wall: 

--	--

Drip-Ft

## QC / CODING

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

 Dripline:

O-dripln

- 55.R Roof-ref
- 88.N Roof-n/a
- 99.M Roof-mis
- Roof:

## O-roof

- 55.R Yd-ref
- 88.N (def.)Ydnx
- 99.M Yd-mis

 Mat.:

--	--

O-ydmat

- 55.R Fnd-ref
- 88.N Fnd-n/a
- 99.M Fnd-mis

 Found:

--	--

O-Found

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

6 j. Types of foundation: *Fill in bubbles of ALL THAT APPLY.*

- Fnd-Slab 1. Slab
- Fnd-crawl 2. Crawl space
- Fnd-combo 3. Combination crawl space / basement
- Fnd-base 4. Full basement
- Fnd-oth 5. Other (specify): \_\_\_\_\_
- Fnd-dk 6. Don't know

7 a. Does this residence have a swimming pool? *Fill in ONE bubble.*

- 1. Yes ..... Continue below
- 2. No ..... GO TO Question # 8 a

Swimpool

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

7 b. Where is the swimming pool located? *Fill in ONE bubble.*

- 1. Inside
- 2. Outside

Swim-loc

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

8 a. Does this house or apartment have a hot tub or jacuzzi? *Fill in ONE bubble.*

- 1. Yes ..... Continue below
- 2. No ..... STOP

Hot-tub

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

8 b. Where is the hot tub or jacuzzi located? *Fill in ONE bubble.*

- 1. Inside
- 2. Outside

Htub-loc

- 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"/>																			

## SUBJECT TRACKING

PAGE 4

Technician Qx

## 9. Subject Tracking (Arizona Only)

It is vital that the subject number is assigned consistently. Respondent numbers were assigned during the initial contact. Prior to entering the field, record the preassigned respondent numbers and the first name of the subject. Verify the previous information and record additional information. Record the names and status of any previously absent or unreported household members. Assign additional household members a respondent number, and notify the Field Coordinator of any changes immediately upon return to the Field Office.

Pre-Assigned IRN	Legal First Name	Date of Birth MO      DAY      YR	Comments:
Irn-A a	Frame - A	DobA-m / DobA-d / DobA-Y	
Irn-B b	Frame - B	DobB-m / DobB-d / DobB-Y	
Irn-C c.	Frame - C	DobC-m / DobC-d / DobC-Y	
Irn-D d	Frame - D	DobD-m / DobD-d / DobD-Y	
Irn-E e	Frame - E	DobE-m / DobE-d / DobE-Y	
Irn-F f.	Frame - F	DobF-m / DobF-d / DobF-Y	
Irn-G g	Frame - G	DobG-m / DobG-d / DobG-Y	
Irn-H h	Frame - H	DobH-m / DobH-d / DobH-Y	
Irn-I i.	Frame - I	DobI-m / DobI-d / DobI-Y	
Irn-J j.	Frame - J	DobJ-m / DobJ-d / DobJ-Y	
Irn-K k.	Frame - K	DobK-m / DobK-d / DobK-Y	
Irn-L l.	Frame - L	DobL-m / DobL-d / DobL-Y	
Irn-M m.	Frame - M	DobM-m / DobM-d / DobM-Y	
<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"/> X's.R <input type="checkbox"/> Y's.N <input type="checkbox"/> Z's.M	<input type="checkbox"/> QC <input type="checkbox"/> 55/55/55.R <input type="checkbox"/> 88/88/88.N <input type="checkbox"/> 99/99/99.M	

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

HHID: FS:

## SUBJECT TRACKING (Cont.)

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Technician Qx

Comments: _____ _____ _____ _____									
Resp. IRN	Relationship to Respondent 01	Relat. Code	Bedrm# (from diagram)	IRN# During This Visit Series	Change in Respondent Status	Comments:			
a. ____		RetPR-A	Bedrm-A	Irnvts-A	Chg-A Y N 8 (def) O O O				
b. ____		RetPR-B	Bedrm-B	Irnvts-B	Chg-B Y N 8 (def) O O O				
c. ____		RetPR-C	Bedrm-C	Irnvts-C	Chg-C Y N 8 (def) O O O				
d. ____		RetPR-D	Bedrm-D	Irnvts-D	Chg-D Y N 8 (def) O O O				
e. ____		RetPR-E	Bedrm-E	Irnvts-E	Chg-E Y N 8 (def) O O O				
f. ____		RetPR-F	Bedrm-F	Irnvts-F	Chg-F Y N 8 (def) O O O				
g. ____		RetPR-G	Bedrm-G	IrnvtsG	Chg-G Y N 8 (def) O O O				
h. ____		RetPR-H	Bedrm-H	Irnvts-H	Chg-H Y N 8 (def) O O O				
i. ____		RetPR-I	Bedrm-I	Irnvts-I	Chg-I Y N 8 (def) O O O				
j. ____		RetPR-J	Bedrm-J	Irnvts-J	Chg-J Y N 8 (def) O O O				
k. ____		RetPR-K	Bedrm-K	Irnvts-K	Chg-K Y N 8 (def) O O O				
l. ____		RetPR-L	Bedrm-L	Irnvts-L	Chg-L Y N 8 (def) O O O				
m. ____		RetPR-M	Bedrm-M	Irnvts-M	Chg-M Y N 8 (def) O O O				
<input type="checkbox"/> QC	<input type="checkbox"/> QC	<input type="checkbox"/> QC	<input type="checkbox"/> -5.R	<input type="checkbox"/> QC	<input type="checkbox"/> -5.R	<input type="checkbox"/> QC	<input type="checkbox"/> -5.R	<input type="checkbox"/> QC	
			<input type="checkbox"/> -8.N		<input type="checkbox"/> -8.N		<input type="checkbox"/> -8.N		
			<input type="checkbox"/> -9.M		<input type="checkbox"/> -9.M		<input type="checkbox"/> -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"/>																			

### HOUSEHOLD DIAGRAM

PAGE 6

Technician Qx

- 10 a. Overall (approximate) dimensions of the portion of the house or apartment occupied by the residents:

Average Length:  ft.    Average Width:  ft.    Ceiling Height:  ft.

*Length*

*Width*

*Height*

- 10 b. Diagram the house and approximate dimensions of each room. Label the Main Room (MR) and the Living Room (LR) or Family Room (FR) if different from the Main Room. Label the Kitchen (KA), and any Other Room (OR). As a convention label the Bedrooms in order of size (B01 = largest, B02 = next largest). Bedrooms of equal size can be labeled arbitrarily. (Room dimensions are to be rounded to the nearest foot.)

*Follows same pattern*

- 10 c. Indicate room(s) where samples are collected :

PM-LOC	Carpet Dust	Surface Dust	PID	Active AVOC	Passive PVOC	Passive HCHO	Other A: OTH-A-LOC	Other B: OTH-B-LOC
PM-MR MR	MR	MR	MR	MR	MR	MR	MR	MR
PM-LR LR	LR	LR	LR	LR	LR	LR	LR	LR
PM-FR FR	FR	FR	FR	FR	FR	FR	FR	FR
PM-KA KA	KA	KA	KA	KA	KA	KA	KA	KA
PM-B01 B01	B01	B01	B01	B01	B01	B01	B01	B01
PM-B02 B02	B02	B02	B02	B02	B02	B02	B02	B02
PM-B03 B03	B03	B03	B03	B03	B03	B03	B03	B03
PM-B04 B04	B04	B04	B04	B04	B04	B04	B04	B04
PM-OR1 OR1	OR1	OR1	OR1	OR1	OR1	OR1	OR1	OR1
PM-OR2 OR2	OR2	OR2	OR2	OR2	OR2	OR2	OR2	OR2
PM-OR3 OR3	OR3	OR3	OR3	OR3	OR3	OR3	OR3	OR3
PM-OR4 OR4	OR4	OR4	OR4	OR4	OR4	OR4	OR4	OR4
PM-OR5 OR5	OR5	OR5	OR5	OR5	OR5	OR5	OR5	OR5
PM-OR6 OR6	OR6	OR6	OR6	OR6	OR6	OR6	OR6	OR6
PM-AMB AMB	AMB	AMB	AMB	AMB	AMB	AMB	AMB	AMB
PM-R R	R	R	R	R	R	R	R	R
PM-N N	N	N	N	N	N	N	N	N
PM-M M	M	M	M	M	M	M	M	M

10 d. Personal

Air:

[ ] N/A

CODING

OR1:

OR1-Code

OR2:

OR2-Code

OR3:

OR3-Code

OR4:

OR4-Code

OR5:

OR5-Code

OR6:

OR6-Code

If applicable, write names  
of any other rooms (OR)  
on line(s) below:

OR1: \_\_\_\_\_

OR2: \_\_\_\_\_

OR3: \_\_\_\_\_

OR4: \_\_\_\_\_

OR5: \_\_\_\_\_

OR6: \_\_\_\_\_

O-Samp A:

O-Samp B:

OR6-Code

PageLink QC:

Init.:

Data Use  
Only:

Only:

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941

11. Characteristics of floor surfaces and cleaning utensils

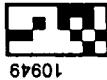
HHIDF<sub>s</sub> Event date  
 HHID HHID F.S.  
 HHID      Administration Date  
 MO / DAY YR

10949

		FLOOR SURFACE		CLEANING METHODS		Last Date and Method of Routine Carpet Cleaning (i.e., Professional, Do-It-Yourself, Water, Steam, or Chemical) Please specify method used.		Last Date and Method of Routine Hard Surface Cleaning		Scotch Guard Applied	
Room	Carpeted	Hard Surface	Hardsurf	Carpet date	Method:	Hard date	Method:	Hard date	Method:	Scotch Guard Applied	
Location [ ]	Loop	<input type="radio"/> Other: _____	<input type="radio"/> Concrete <input type="radio"/> Other: _____	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Shag	<input type="radio"/> R	<input type="radio"/> Brick <input type="radio"/> R	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Cut/Pile	<input type="radio"/> N	<input type="radio"/> Wood <input type="radio"/> N	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	LoopCut	<input type="radio"/> M	<input type="radio"/> Tile <input type="radio"/> M	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
[ ]	Loop	<input type="radio"/> Other: _____	<input type="radio"/> Concrete <input type="radio"/> Other: _____	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Shag	<input type="radio"/> R	<input type="radio"/> Brick <input type="radio"/> R	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Cut/Pile	<input type="radio"/> N	<input type="radio"/> Wood <input type="radio"/> N	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	LoopCut	<input type="radio"/> M	<input type="radio"/> Tile <input type="radio"/> M	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
[ ]	Loop	<input type="radio"/> Other: _____	<input type="radio"/> Concrete <input type="radio"/> Other: _____	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Shag	<input type="radio"/> R	<input type="radio"/> Brick <input type="radio"/> R	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Cut/Pile	<input type="radio"/> N	<input type="radio"/> Wood <input type="radio"/> N	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	LoopCut	<input type="radio"/> M	<input type="radio"/> Tile <input type="radio"/> M	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
[ ]	Loop	<input type="radio"/> Other: _____	<input type="radio"/> Concrete <input type="radio"/> Other: _____	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Shag	<input type="radio"/> R	<input type="radio"/> Brick <input type="radio"/> R	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Cut/Pile	<input type="radio"/> N	<input type="radio"/> Wood <input type="radio"/> N	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	LoopCut	<input type="radio"/> M	<input type="radio"/> Tile <input type="radio"/> M	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
[ ]	Loop	<input type="radio"/> Other: _____	<input type="radio"/> Concrete <input type="radio"/> Other: _____	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Shag	<input type="radio"/> R	<input type="radio"/> Brick <input type="radio"/> R	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	Cut/Pile	<input type="radio"/> N	<input type="radio"/> Wood <input type="radio"/> N	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	
	LoopCut	<input type="radio"/> M	<input type="radio"/> Tile <input type="radio"/> M	[ ] / [ ] / [ ]	Method: Carpetmeth	[ ] / [ ] / [ ]	Method: Hardmeth	[ ] / [ ] / [ ]	Method: Hardmeth	Name: [ ] IRN# [ ] (def.)	

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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Technic x



Comments: \_\_\_\_\_

## 11. Characteristics of floor surfaces and cleaning utensils (continued)

Room	Carpeted	Hard Surface	CLEANING METHODS													
			Last Date and Method of Routine Carpet Cleaning (i.e. Professional, Do-It-Yourself, Water, Steam, or Chemical) Please specify method used.				Last Date and Method of Routine Hard Surface Cleaning Please specify method used.				Scotch Guard Applied? Name: _____ IRN# _____					
			<input type="radio"/> Concrete	<input type="radio"/> Other:	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Shag	<input type="radio"/> R	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> CutPile	<input type="radio"/> N	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> LoopCut	<input type="radio"/> M	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Concrete	<input type="radio"/> Other:	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Shag	<input type="radio"/> R	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> CutPile	<input type="radio"/> N	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> LoopCut	<input type="radio"/> M	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Concrete	<input type="radio"/> Other:	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Shag	<input type="radio"/> R	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> CutPile	<input type="radio"/> N	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> LoopCut	<input type="radio"/> M	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Concrete	<input type="radio"/> Other:	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Shag	<input type="radio"/> R	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> CutPile	<input type="radio"/> N	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> LoopCut	<input type="radio"/> M	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Concrete	<input type="radio"/> Other:	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Shag	<input type="radio"/> R	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> CutPile	<input type="radio"/> N	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> LoopCut	<input type="radio"/> M	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Concrete	<input type="radio"/> Other:	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> Shag	<input type="radio"/> R	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> CutPile	<input type="radio"/> N	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			
			<input type="radio"/> LoopCut	<input type="radio"/> M	<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>				<input type="checkbox"/> / <input type="checkbox"/>			

Data Use  
Only:  0  1  2  3  4  5  6  7  8  9 A  B  C  D  E  F  G  H  I  J  K  L  M  OPAGE 8  
Techn: Qx

## Appendix B: Technician Questionnaire Dictionary

\* For Pages 1-6

\* Logic checkes reviewed by Mary Kay on 05/07/96  
\* Last updated by Jared on 06/25/97

K HHID (F6.0) '', HHIDFS (A1) '', Stage (F1.0) '', Evndt\_m (F2.0) '', Evndt\_d (F2.0) '', Evndt\_y (F2.0) ''

Q HHID 1 1 I6  
T Household Identification Number

Q HHIDFS 1 7 A1  
Y 'A' A

\* The following date field has been broken up into mm/dd/yy  
\* Q Evndtdate 1 8 A8  
\* T Administration Date

Q Evndt\_m 1 8 I2  
T Administration Date, Month  
R (01,12)

Q Evndt\_d 1 11 I2  
T Administration Date, Day  
R (01,31)

Q Evndt\_y 1 14 I2  
T Administration Date, Year  
R (95,99)

Q Itemnum 1 16 I2  
T Form Type  
Y 08 Predefine

Q Study 1 18 I3  
T Study  
Y 001 NHEXAS  
Y 002 Border  
Y 003 \_\_\_\_\_  
Y 004 \_\_\_\_\_  
Y 005 \_\_\_\_\_

Q Stage 1 21 I1  
T Stage #  
R (1,6)

Q Collapse 1 22 I2  
T Collapsed?

Y 01 Yes

Y 02 No

Y 88 Not Applicable

P Stage (F1.0) ''

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

L X (any(Stage,2,3,6) and any(Collapse,1,2))

Q TechID 1 24 I2

T Tech ID

Y -9

Y -8

Y 11

Y 12

Y 13

Y 14

Y 17

Y 21

Y 26

Y 28

Y 30

Y 33

Y 34

Y 37

Y 38

Y 39

Y 42

Y 43

Y 44

Y 45

Y 49

Y 56

Q Floors 1 26 I2

T How many stories (floors) are in this building? Count only floors with finished rooms for living purposes or full basements. (Do not include sub-basements).

V q1

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)

P Formstat (F2.0) ''

L X (Formstat=01 and (range(Floors,01,10) or any(Floors,-5,-9)))

L X (Formstat=03 and (range(Floors,01,10) or any(Floors,-5,-8,-9)))

L X (any(Formstat,02,05,09) and Floors=-8)

Q F\_live1 1 28 I2

T Which floor(s) do respondents live on? List each floor. Floor # (first listed)

V q2a

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)  
P Formstat (F2.0) '', Floors (F2.0) ''  
L X (Formstat=01 and Floors>01) and (range(F\_live1,01,10) or  
+ F any(F\_live1,-5,-9))  
L X (Formstat=01 and Floors<=01) and (F\_live1=-8)  
L X (Formstat=03 and (range(F\_live1,01,10) or any(F\_live1,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and F\_live1=-8)

Q F\_live2 1 30 I2  
T Which floor(s) do respondents live on? List each floor. Floor # (second listed)  
V q2b  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Formstat (F2.0) ''  
L X (Formstat=01 and (range(F\_live2,01,10) or any(F\_live2,-5,-8,-9)))  
L X (Formstat=03 and (range(F\_live2,01,10) or any(F\_live2,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and F\_live2=-8)

Q F\_live3 1 32 I2  
T Which floor(s) do respondents live on? List each floor. Floor # (third listed)  
V q2c  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Formstat (F2.0) ''  
L X (Formstat=01 and (range(F\_live3,01,10) or any(F\_live3,-5,-8,-9)))  
L X (Formstat=03 and (range(F\_live3,01,10) or any(F\_live3,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and F\_live3=-8)

Q F\_live4 1 34 I2  
T Which floor(s) do respondents live on? List each floor. Floor # (fourth listed)  
V q2d  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Formstat (F2.0) ''  
L X (Formstat=01 and (range(F\_live4,01,10) or any(F\_live4,-5,-8,-9)))  
L X (Formstat=03 and (range(F\_live4,01,10) or any(F\_live4,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and F\_live4=-8)

Q F\_live5 1 36 I2  
T Which floor(s) do respondents live on? List each floor. Floor # (fifth listed)  
V q2e  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)

P Formstat (F2.0) ''  
L X (Formstat=01 and (range(F\_live5,01,10) or any(F\_live5,-5,-8,-9)))  
L X (Formstat=03 and (range(F\_live5,01,10) or any(F\_live5,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and F\_live5=-8)

Q Roomcarp 1 38 I2  
T How many rooms are carpeted or have rugs covering most (>50%) of their surface?  
V q3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (00,15)  
P Formstat (F2.0) ''  
L X (Formstat=01 and (range(Roomcarp,00,15) or any(Roomcarp,-5,-9)))  
L X (Formstat=03 and (range(Roomcarp,00,15) or any(Roomcarp,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Roomcarp=-8)

Q Dust\_lev 1 40 I3  
T Using the following statements, how would you rate the overall dust level within the residence?  
V q4  
Y 001 Very  
Y 002 Some  
Y 003 No  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) ''  
L X (Formstat=01 and (any(Dust\_lev,001,002,003,055,099)))  
L X (Formstat=03 and (any(Dust\_lev,001,002,003,055,088,099)))  
L X (any(Formstat,02,05,09) and Dust\_lev=088)

Q Dust\_com 1 43 I2  
T Dust Comment  
V q40  
R (01,10)  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Dust\_lev (F3.0) ''  
L X (any(Dust\_lev,001,002,003,055,099) and (range(Dust\_com,01,99) or  
+ F any(Dust\_com,-5,-8,-9)))  
L X (Dust\_lev=088 and Dust\_com=-8)

Q Street1 1 45 A15  
T Indicate nearest major intersection (first street)  
V q5a  
P Formstat (F2.0) ''  
L X (Formstat=01 and (not(Street1="YYYYYYYYYYYYYYYYYY"))))  
L X (Formstat=03 and (not(Street1="YYYYYYYYYYYYYYYYYY") or  
Street1="YYYYYYYYYYYYYYYYYY"))  
L X (any(Formstat,02,05,09) and Street1="YYYYYYYYYYYYYYYYYY")

Q Street2 1 60 A15

T Indicate nearest major intersection (second street)

V q5b

P Formstat (F2.0) ''

L X (Formstat=01 and (not(Street2="YYYYYYYYYYYYYYYYYY"))))

L X (Formstat=03 and (not(Street2="YYYYYYYYYYYYYYYYYY") or  
Street2="YYYYYYYYYYYYYYYYYY")))

L X (any(Formstat,02,05,09) and Street2="YYYYYYYYYYYYYYYYYY"))

Q Formstat 1 75 I2

T Form status

Y 01 1

Y 02 2

Y 03 3

Y 04 4

Y 05 5

Y 07 7

Y 08 8

Y 09 9

Q QCBY 1 77 I2

T QC By

Y 11

Y 12

Y 13

Y 14

Y 17

Y 21

Y 26

Y 28

Y 30

Y 33

Y 34

Y 37

Y 38

Y 39

Y 42

Y 43

Y 44

Y 45

Y 49

\*Q QCDATE 1 79 A8

\*T QC Date

Q QCDATE\_M 1 79 I2

T QC Date: Month

R (01,12)

Q QCDATE\_D 1 82 I2

T QC Date: Day  
R (01,31)

Q QCDATE\_Y 1 85 I2  
T QC Date: Year  
R (95,99)

Q QABY 1 87 I2

T QA By

Y 11

Y 12

Y 13

Y 14

Y 17

Y 21

Y 26

Y 28

Y 30

Y 33

Y 34

Y 35

Y 37

Y 38

Y 39

Y 42

Y 43

Y 44

Y 45

Y 49

\*Q QADATE 1 89 A8

\*T QA Date

Q QADATE\_M 1 89 I2  
T QA Date: Month  
R (01,12)

Q QADATE\_D 1 92 I2  
T QA Date: Day  
R (01,31)

Q QADATE\_Y 1 95 I2  
T QA Date: Year  
R (95,99)

Q DEBY 1 97 I2

T DE By

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 Toquein Tran

\*Q DEDATE 1 99 A8  
\*T DE Date

Q DEDATE\_M 1 99 I2  
T DE Date: Month  
R (01,12)

Q DEDATE\_D 1 102 I2  
T DE Date: Day  
R (01,31)

Q DEDATE\_Y 1 105 I2  
T DE Date: Year  
R (96,99)

Q DPBATCH 1 107 I3  
T DP Batch  
R (800,899)

Q QXV 1 110 A5  
T QXV  
Y 'QTEC1' Preassigned

Q Resident 1 115 I1  
T Surrounding area (within a quarter mile radius of this property): Residential  
V q6a1  
Y 1 Checked  
Y 0 No  
P Neighref (F1.0) '', Neigh\_na (F1.0) '', Neighmis (F1.0) ''  
L X (Neighref=0 and Neigh\_na=0 and Neighmis=0) and any(Resident,0,1)  
L X ((Neighref=1 or Neigh\_na=1 or Neighmis=1) and Resident=0)

Q Recreatl 1 116 I1  
T Surrounding area (within a quarter mile radius of this property): Recreational  
V q6a2  
Y 1 Checked  
Y 0 No  
P Neighref (F1.0) '', Neigh\_na (F1.0) '', Neighmis (F1.0) ''  
L X (Neighref=0 and Neigh\_na=0 and Neighmis=0) and any(Recreatl,0,1)  
L X ((Neighref=1 or Neigh\_na=1 or Neighmis=1) and Recreatl=0)

Q Commercl 1 117 I1  
T Surrounding area (within a quarter mile radius of this property): Commercial  
V q6a3  
Y 1 Checked  
Y 0 No  
P Neighref (F1.0) '', Neigh\_na (F1.0) '', Neighmis (F1.0) ''

L X (Neighref=0 and Neigh\_na=0 and Neighmis=0) and any(Commercl,0,1)  
L X ((Neighref=1 or Neigh\_na=1 or Neighmis=1) and Commercl=0)

Q Industrl 1 118 I1

T Surrounding area (within a quarter mile radius of this property): Industrial

V q6a4

Y 1 Checked

Y 0 No

P Neighref (F1.0) '', Neigh\_na (F1.0) '', Neighmis (F1.0) ''

L X (Neighref=0 and Neigh\_na=0 and Neighmis=0) and any(Industrl,0,1)

L X ((Neighref=1 or Neigh\_na=1 or Neighmis=1) and Industrl=0)

Q Agricult 1 119 I1

T Surrounding area (within a quarter mile radius of this property): Agricultural

V q6a5

Y 1 Checked

Y 0 No

P Neighref (F1.0) '', Neigh\_na (F1.0) '', Neighmis (F1.0) ''

L X (Neighref=0 and Neigh\_na=0 and Neighmis=0) and any(Agricult,0,1)

L X ((Neighref=1 or Neigh\_na=1 or Neighmis=1) and Agricult=0)

Q Neightho 1 120 I1

T Surrounding area (within a quarter mile radius of this property): Other

V q6a6

Y 1 Checked

Y 0 No

P Neighref (F1.0) '', Neigh\_na (F1.0) '', Neighmis (F1.0) ''

L X (Neighref=0 and Neigh\_na=0 and Neighmis=0) and any(Neightho,0,1)

L X ((Neighref=1 or Neigh\_na=1 or Neighmis=1) and Neightho=0)

Q Neighref 1 121 I1

T Surrounding area (within a quarter mile radius of this property): Refused

V q6a7

Y 1 Checked

Y 0 No

P Formstat (F2.0) ''

L X (any(Formstat,01,03) and (any(Neighref,0,1)))

L X (any(Formstat,02,05,09) and Neighref=0)

Q Neigh\_na 1 122 I1

T Surrounding area (within a quarter mile radius of this property): NonApplicable

V q6a8

Y 1 Checked

Y 0 No

P Formstat (F2.0) ''

L X (Formstat=01 and Neigh\_na=0)

L X (Formstat=03 and any(Neigh\_na,0,1))

L X (any(Formstat,02,05,09) and Neigh\_na=1)

Q Neighmis 1 123 I1

T Surrounding area (within a quarter mile radius of this property): Missing

V q6a9  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Neighmis,0,1)))  
L X (any(Formstat,02,05,09) and Neighmis=0)

Q O\_area 1 124 I2  
T Surrounding area (within a quarter mile radius of this property): Other spec.  
V q6a6o  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,99)  
P Neighthoth (F1.0) ''  
L X (Neighthoth=0 and O\_area=-8)  
L X (Neighthoth=1 and (range(O\_area,01,99) or any(O\_area,-5,-9)))

Q Dist\_str 1 126 I3  
T Distance to street: Measure the distance from the curb to the primary entrance to the residence...  
V q6b1  
Y -55 Refused  
Y -88 Not Applicable  
Y -99 Missing  
R (005,299)  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (range(Dist\_str,005,299) or  
+ F any(Dist\_str,-55,-88,-99)))  
L X (any(Formstat,02,05,09) and Dist\_str=-88)

Q GT\_300ft 1 129 I3  
T Distance to street: or shade bubble if distance is estimated to be greater than 300 ft  
V q6b2  
Y 001 Greater than 300 ft  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) '', Dist\_str (F3.0) ''  
L X (Formstat=01 and Dist\_str=-88) and (GT\_300ft=001 or  
+ F any(GT\_300ft,055,099))  
L X (Formstat=03 and Dist\_str=-88) and (GT\_300ft=001 or  
+ F any(GT\_300ft,055,088,099))  
L X (any(Formstat,02,05,09) or (range(Dist\_str,005,299)) and  
+ F GT\_300ft=088)

Q Ext\_wood 1 132 I1  
139 I1  
T Exterior siding material: Wood  
V q6c1  
Y 1 Checked

Y 0 No  
P Ext\_ref (F1.0) '', Ext\_na (F1.0) '', Ext\_mis (F1.0) ''  
L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Ext\_wood,0,1)  
L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Ext\_wood=0)

Q Extbrick 1 133 II  
T Exterior siding material: Brick  
V q6c2  
Y 1 Checked  
Y 0 No  
P Ext\_ref (F1.0) '', Ext\_na (F1.0) '', Ext\_mis (F1.0) ''  
L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Extbrick,0,1)  
L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Extbrick=0)

Q Extvinyl 1 134 II  
T Exterior siding material: Vinyl/aluminum  
V q6c3  
Y 1 Checked  
Y 0 No  
P Ext\_ref (F1.0) '', Ext\_na (F1.0) '', Ext\_mis (F1.0) ''  
L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Extvinyl,0,1)  
L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Extvinyl=0)

Q Extconcr 1 135 II  
T Exterior siding material: Concrete  
V q6c4  
Y 1 Checked  
Y 0 No  
P Ext\_ref (F1.0) '', Ext\_na (F1.0) '', Ext\_mis (F1.0) ''  
L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Extconcr,0,1)  
L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Extconcr=0)

Q Extstucc 1 136 II  
T Exterior siding material: Stucco  
V q6c5  
Y 1 Checked  
Y 0 No  
P Ext\_ref (F1.0) '', Ext\_na (F1.0) '', Ext\_mis (F1.0) ''  
L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Extstucc,0,1)  
L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Extstucc=0)

Q Extasbes 1 137 II  
T Exterior siding material: Asbestos/asphalt  
V q6c6  
Y 1 Checked  
Y 0 No  
P Ext\_ref (F1.0) '', Ext\_na (F1.0) '', Ext\_mis (F1.0) ''  
L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Extasbes,0,1)  
L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Extasbes=0)

Q Ext\_oth 1 138 II

T Exterior siding material: Other

V q6c7

Y 1 Checked

Y 0 No

P Ext\_ref (F1.0) '' , Ext\_na (F1.0) '' , Ext\_mis (F1.0) ''

L X (Ext\_ref=0 and Ext\_na=0 and Ext\_mis=0) and any(Ext\_oth,0,1)

L X ((Ext\_ref=1 or Ext\_na=1 or Ext\_mis=1) and Ext\_oth=0)

Q Ext\_ref 1 139 I1

T Exterior siding material: Refused

V q6c8

Y 1 Checked

Y 0 No

P Formstat (F2.0) ''

L X (any(Formstat,01,03) and (any(Ext\_ref,0,1)))

L X (any(Formstat,02,05,09) and Ext\_ref=0)

Q Ext\_na 1 140 I1

T Exterior siding material: NonApplicable

V q6c9

Y 1 Checked

Y 0 No

P Formstat (F2.0) ''

L X (Formstat=01 and Ext\_na=0)

L X (Formstat=03 and any(Ext\_na,0,1))

L X (any(Formstat,02,05,09) and Ext\_na=1)

Q Ext\_mis 1 141 I1

T Exterior siding material: Missing

V q6c10

Y 1 Checked

Y 0 No

P Formstat (F2.0) ''

L X (any(Formstat,01,03) and (any(Ext\_mis,0,1)))

L X (any(Formstat,02,05,09) and Ext\_mis=0)

Q O\_siding 1 142 I2

T Exterior siding material: Other (specified)

V q6c7o

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)

P Ext\_oth (F1.0) ''

L X (Ext\_oth=0 and O\_siding=-8)

L X (Ext\_oth=1 and (range(O\_siding,01,10) or any(O\_siding,-5,-9)))

Q Ext\_pnt 1 144 I3

T Is there paint on any exterior surface that is chalking, chipping or peeling?

V q6d

Y 001 Yes

Y 002 No  
Y 003 Not Painted  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) ''  
L X (Formstat=01 and (any(Ext\_pnt,001,002,003,055,099)))  
L X (Formstat=03 and (any(Ext\_pnt,001,002,003,055,088,099)))  
L X (any(Formstat,02,05,09) and Ext\_pnt=088)

Q Int\_pnt 1 147 I3  
T Is there paint on any interior surface that is chalking, chipping or peeling?  
V q6e  
Y 001 Yes  
Y 002 No  
Y 003 Not Painted  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) ''  
L X (Formstat=01 and (any(Int\_pnt,001,002,003,055,099)))  
L X (Formstat=03 and (any(Int\_pnt,001,002,003,055,088,099)))  
L X (any(Formstat,02,05,09) and Int\_pnt=088)

Q Ent\_soil 1 150 II  
T Material around primary entrance to structure: Soil  
V q6f1  
Y 1 Checked  
Y 0 No  
P Ent\_ref (F1.0) '', Ent\_na (F1.0) '', Ent\_mis (F1.0) ''  
L X (Ent\_ref=0 and Ent\_na=0 and Ent\_mis=0) and any(Ent\_soil,0,1)  
L X ((Ent\_ref=1 or Ent\_na=1 or Ent\_mis=1) and Ent\_soil=0)

Q Entgrass 1 151 II  
T Material around primary entrance to structure: Grass  
V q6f2  
Y 1 Checked  
Y 0 No  
P Ent\_ref (F1.0) '', Ent\_na (F1.0) '', Ent\_mis (F1.0) ''  
L X (Ent\_ref=0 and Ent\_na=0 and Ent\_mis=0) and any(Entgrass,0,1)  
L X ((Ent\_ref=1 or Ent\_na=1 or Ent\_mis=1) and Entgrass=0)

Q Entcemnt 1 152 II  
T Material around primary entrance to structure: Cement/asphalt/brick  
V q6f3  
Y 1 Checked  
Y 0 No  
P Ent\_ref (F1.0) '', Ent\_na (F1.0) '', Ent\_mis (F1.0) ''  
L X (Ent\_ref=0 and Ent\_na=0 and Ent\_mis=0) and any(Entcemnt,0,1)  
L X ((Ent\_ref=1 or Ent\_na=1 or Ent\_mis=1) and Entcemnt=0)

Q Ent\_grav 1 153 I1  
T Material around primary entrance to structure: Gravel  
V q6f4  
Y 1 Checked  
Y 0 No  
P Ent\_ref (F1.0) '', Ent\_na (F1.0) '', Ent\_mis (F1.0) ''  
L X (Ent\_ref=0 and Ent\_na=0 and Ent\_mis=0) and any(Ent\_grav,0,1)  
L X ((Ent\_ref=1 or Ent\_na=1 or Ent\_mis=1) and Ent\_grav=0)

Q Ent\_wood 1 154 I1  
T Material around primary entrance to structure: Wood  
V q6f5  
Y 1 Checked  
Y 0 No  
P Ent\_ref (F1.0) '', Ent\_na (F1.0) '', Ent\_mis (F1.0) ''  
L X (Ent\_ref=0 and Ent\_na=0 and Ent\_mis=0) and any(Ent\_wood,0,1)  
L X ((Ent\_ref=1 or Ent\_na=1 or Ent\_mis=1) and Ent\_wood=0)

Q Ent\_oth 1 155 I1  
T Material around primary entrance to structure: Other  
V q6f6  
Y 1 Checked  
Y 0 No  
P Ent\_ref (F1.0) '', Ent\_na (F1.0) '', Ent\_mis (F1.0) ''  
L X (Ent\_ref=0 and Ent\_na=0 and Ent\_mis=0) and any(Ent\_oth,0,1)  
L X ((Ent\_ref=1 or Ent\_na=1 or Ent\_mis=1) and Ent\_oth=0)

Q Ent\_ref 1 156 I1  
T Material around primary entrance to structure: Refused  
V q6f7  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Ent\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Ent\_ref=0)

Q Ent\_na 1 157 I1  
T Material around primary entrance to structure: Non-Applicable  
V q6f8  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (Formstat=01 and Ent\_na=0)  
L X (Formstat=03 and any(Ent\_na,0,1))  
L X (any(Formstat,02,05,09) and Ent\_na=1)

Q Ent\_mis 1 158 I1  
T Material around primary entrance to structure: Missing  
V q6f9  
Y 1 Checked  
Y 0 No

P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Ent\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Ent\_ref=0)

Q O\_entmat 1 159 I2  
T Material around primary entrance to structure: Other (specified)  
V q6f6o  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,20)  
P Ent\_oth (F1.0) ''  
L X (Ent\_oth=0 and O\_entmat=-8)  
L X (Ent\_oth=1 and (range(O\_entmat,01,20) or any(O\_entmat,-5,-9)))

Q Dripline 1 161 I3  
T Dripline:  
V q6g  
Y 001 At wall  
Y 002 Gutter  
Y 003 \_\_ feet from wall  
Y 004 Other  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) ''  
L X (Formstat=01 and (any(Dripline,001,002,003,004,055,099)))  
L X (Formstat=03 and (any(Dripline,001,002,003,004,055,088,099)))  
L X (any(Formstat,02,05,09) and Dripline=088)

Q Drip\_ft 1 164 I2  
T Dripline ft. from wall  
V q6g3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,15)  
P Dripline (F3.0) ''  
L X (any(Dripline,001,002,004,055,088,099) and Drip\_ft=-8)  
L X (Dripline=003 and range(Drip\_ft,01,15))

Q O\_dripln 1 166 I2  
T Dripline other  
V q6g4o  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Dripline (F3.0) ''  
L X (any(Dripline,001,002,003,088,099) and O\_dripln=-8)  
L X (Dripline=004 and (range(O\_dripln,01,10) or any(O\_dripln,-5,-9)))

Q Tar\_roof 1 168 I1

T Roof type and composition: Tarred roof -- petroleum based

V q6h1

Y 1 Checked

Y 0 No

P Roof\_ref (F1.0) '', Roof\_na (F1.0) '', Roof\_mis (F1.0) ''

L X (Roof\_ref=0 and Roof\_na=0 and Roof\_mis=0) and any(Tar\_roof,0,1)

L X ((Roof\_ref=1 or Roof\_na=1 or Roof\_mis=1) and Tar\_roof=0)

Q Sealrooof 1 169 I1

T Roof type and composition: Sealed with roof protector

V q6h2

Y 1 Checked

Y 0 No

P Roof\_ref (F1.0) '', Roof\_na (F1.0) '', Roof\_mis (F1.0) ''

L X (Roof\_ref=0 and Roof\_na=0 and Roof\_mis=0) and any(Sealroofof,0,1)

L X ((Roof\_ref=1 or Roof\_na=1 or Roof\_mis=1) and Sealroofof=0)

Q Woodrooof 1 170 I1

T Roof type and composition: Wood shakes/shingles

V q6h3

Y 1 Checked

Y 0 No

P Roof\_ref (F1.0) '', Roof\_na (F1.0) '', Roof\_mis (F1.0) ''

L X (Roof\_ref=0 and Roof\_na=0 and Roof\_mis=0) and any(Woodroofof,0,1)

L X ((Roof\_ref=1 or Roof\_na=1 or Roof\_mis=1) and Woodroofof=0)

Q Asphroofof 1 171 I1

T Roof type and composition: Composition asphalt shingles

V q6h4

Y 1 Checked

Y 0 No

P Roof\_ref (F1.0) '', Roof\_na (F1.0) '', Roof\_mis (F1.0) ''

L X (Roof\_ref=0 and Roof\_na=0 and Roof\_mis=0) and any(Asphroofof,0,1)

L X ((Roof\_ref=1 or Roof\_na=1 or Roof\_mis=1) and Asphroofof=0)

Q Roof\_oth 1 172 I1

T Roof type and composition: Other

V q6h5

Y 1 Checked

Y 0 No

P Roof\_ref (F1.0) '', Roof\_na (F1.0) '', Roof\_mis (F1.0) ''

L X (Roof\_ref=0 and Roof\_na=0 and Roof\_mis=0) and any(Roof\_oth,0,1)

L X ((Roof\_ref=1 or Roof\_na=1 or Roof\_mis=1) and Roof\_oth=0)

Q Roof\_ref 1 173 I1

T Roof type and composition: Refused

V q6h6

Y 1 Checked

Y 0 No

P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Roof\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Roof\_ref=0)

Q Roof\_na 1 174 I1  
T Roof type and composition: Non-Applicable  
V q6h7  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (Formstat=01 and Roof\_na=0)  
L X (Formstat=03 and any(Roof\_na,0,1))  
L X (any(Formstat,02,05,09) and Roof\_na=1)

Q Roof\_mis 1 175 I1  
T Roof type and composition: Missing  
V q6h8  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Roof\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Roof\_ref=0)

Q O\_roof 1 176 I2  
T Roof type and composition: Other (specified)  
V q6h5o  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,15)  
P Roof\_oth (F1.0) ''  
L X (Roof\_oth=0 and O\_roof=-8)  
L X (Roof\_oth=1 and (range(O\_roof,01,15) or any(O\_roof,-5,-9)))

Q Yd\_soil 1 178 I1  
T Yard material: Soil  
V q6i1  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_soil,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_soil=0)

Q Yd\_grass 1 179 I1  
T Yard material: Grass  
V q6i2  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_grass,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_grass=0)

Q Yd\_porch 1 180 I1  
T Yard material: Porch/balcony  
V q6i3  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_porch,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_porch=0)

Q Yd\_cemnt 1 181 I1  
T Yard material: Cement  
V q6i4  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_cemnt,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_cemnt=0)

Q Yd\_wood 1 182 I1  
T Yard material: Wood  
V q6i5  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_wood,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_wood=0)

Q Yd\_oth 1 183 I1  
T Yard material: Other  
V q6i6  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_oth,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_oth=0)

Q Yd\_notap 1 184 I1  
T Yard material: Not Applicable  
V q6i7  
Y 1 Checked  
Y 0 No  
P Yd\_ref (F1.0) '', Yd\_na (F1.0) '', Yd\_mis (F1.0) ''  
L X (Yd\_ref=0 and Yd\_na=0 and Yd\_mis=0) and any(Yd\_notap,0,1)  
L X ((Yd\_ref=1 or Yd\_na=1 or Yd\_mis=1) and Yd\_notap=0)

Q Yd\_ref 1 185 I1  
T Yard material: Refused  
V q6i8  
Y 1 Checked  
Y 0 No

P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Yd\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Yd\_ref=0)

Q Yd\_na 1 186 I1  
T Yard material: Non-Applicable  
V q6i9  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (Formstat=01 and Yd\_na=0)  
L X (Formstat=03 and any(Yd\_na,0,1))  
L X (any(Formstat,02,05,09) and Yd\_na=1)

Q Yd\_mis 1 187 I1  
T Yard material: Missing  
V q6i10  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Yd\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Yd\_ref=0)

Q O\_ydmat 1 188 I2  
T Yard material: Other (specified)  
V q6i6o  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,20)  
P Yd\_oth (F1.0) ''  
L X (Yd\_oth=0 and O\_ydmat=-8)  
L X (Yd\_oth=1 and (range(O\_ydmat,01,20) or any(O\_ydmat,-5,-9)))

Q Fnd\_slab 1 190 I1  
T Types of foundation: Slab  
V q6j1  
Y 1 Checked  
Y 0 No  
P Fnd\_ref (F1.0) '', Fnd\_na (F1.0) '', Fnd\_mis (F1.0) ''  
L X (Fnd\_ref=0 and Fnd\_na=0 and Fnd\_mis=0) and any(Fnd\_slab,0,1)  
L X ((Fnd\_ref=1 or Fnd\_na=1 or Fnd\_mis=1) and Fnd\_slab=0)

Q Fndcrawl 1 191 I1  
T Types of foundation: Crawl space  
V q6j2  
Y 1 Checked  
Y 0 No  
P Fnd\_ref (F1.0) '', Fnd\_na (F1.0) '', Fnd\_mis (F1.0) ''  
L X (Fnd\_ref=0 and Fnd\_na=0 and Fnd\_mis=0) and any(Fndcrawl,0,1)  
L X ((Fnd\_ref=1 or Fnd\_na=1 or Fnd\_mis=1) and Fndcrawl=0)

Q Fndcombo 1 192 I1  
T Types of foundation: Combination crawl space/basement  
V q6j3  
Y 1 Checked  
Y 0 No  
P Fnd\_ref (F1.0) '', Fnd\_na (F1.0) '', Fnd\_mis (F1.0) ''  
L X (Fnd\_ref=0 and Fnd\_na=0 and Fnd\_mis=0) and any(Fndcombo,0,1)  
L X ((Fnd\_ref=1 or Fnd\_na=1 or Fnd\_mis=1) and Fndcombo=0)

Q Fnd\_base 1 193 I1  
T Types of foundation: Full basement  
V q6j4  
Y 1 Checked  
Y 0 No  
P Fnd\_ref (F1.0) '', Fnd\_na (F1.0) '', Fnd\_mis (F1.0) ''  
L X (Fnd\_ref=0 and Fnd\_na=0 and Fnd\_mis=0) and any(Fnd\_base,0,1)  
L X ((Fnd\_ref=1 or Fnd\_na=1 or Fnd\_mis=1) and Fnd\_base=0)

Q Fnd\_oth 1 194 I1  
T Types of foundation: Other  
V q6j5  
Y 1 Checked  
Y 0 No  
P Fnd\_ref (F1.0) '', Fnd\_na (F1.0) '', Fnd\_mis (F1.0) ''  
L X (Fnd\_ref=0 and Fnd\_na=0 and Fnd\_mis=0) and any(Fnd\_oth,0,1)  
L X ((Fnd\_ref=1 or Fnd\_na=1 or Fnd\_mis=1) and Fnd\_oth=0)

Q Fnd\_dk 1 195 I1  
T Types of foundation: Don't know  
V q6j6  
Y 1 Checked  
Y 0 No  
P Fnd\_ref (F1.0) '', Fnd\_na (F1.0) '', Fnd\_mis (F1.0) ''  
L X (Fnd\_ref=0 and Fnd\_na=0 and Fnd\_mis=0) and any(Fnd\_dk,0,1)  
L X ((Fnd\_ref=1 or Fnd\_na=1 or Fnd\_mis=1) and Fnd\_dk=0)

Q Fnd\_ref 1 196 I1  
T Types of foundation: Refused  
V q6j7  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Fnd\_ref,0,1)))  
L X (any(Formstat,02,05,09) and Fnd\_ref=0)

Q Fnd\_na 1 197 I1  
T Types of foundation: Non-Applicable  
V q6j8  
Y 1 Checked  
Y 0 No

P Formstat (F2.0) ''  
L X (Formstat=01 and Fnd\_na=0)  
L X (Formstat=03 and any(Fnd\_na,0,1))  
L X (any(Formstat,02,05,09) and Fnd\_na=1)

Q Fnd\_mis 1 198 I1  
T Types of foundation: Missing  
V q6j9  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) ''  
L X (any(Formstat,01,03) and (any(Fnd\_mis,0,1)))  
L X (any(Formstat,02,05,09) and Fnd\_mis=0)

Q O\_found 1 199 I2  
T Types of foundation: Other (specified)  
V q6j5o  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Fnd\_oth (F1.0) ''  
L X (Fnd\_oth=0 and O\_found=-8)  
L X (Fnd\_oth=1 and (range(O\_found,01,10) or any(O\_found,-5,-9)))

Q Swimpool 1 201 I3  
T Does this residence have a swimming pool?  
V q7a  
Y 001 Yes  
Y 002 No  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) ''  
L X (Formstat=01 and (any(Swimpool,001,002,055,099)))  
L X (Formstat=03 and (any(Swimpool,001,002,055,088,099)))  
L X (any(Formstat,02,05,09) and Swimpool=088)

Q Swim\_loc 1 204 I3  
T Where is the swimming pool located?  
V q7b  
Y 001 Inside  
Y 002 Outside  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Swimpool (F3.0) ''  
L X (Swimpool=001 and any(Swim\_loc,001,002,055,099))  
L X (any(Swimpool,002,088,099) and Swim\_loc=088)  
L X (Swimpool=055 and Swim\_loc=055)

Q Hottub 1 207 I3  
T Does this house or apartment have a hot tub or jacuzzi?  
V q8a  
Y 001 Yes  
Y 002 No  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Formstat (F2.0) ''  
L X (Formstat=01 and (any(Hottub,001,002,003,055,099)))  
L X (Formstat=03 and (any(Hottub,001,002,003,055,088,099)))  
L X (any(Formstat,02,05,09) and Hottub=088)

Q Htub\_loc 1 210 I3  
T Where is the hot tub or jacuzzi located?  
V q8b  
Y 001 Inside  
Y 002 Outside  
Y 055 Refused  
Y 088 Not Applicable  
Y 099 Missing  
P Hottub (F3.0) ''  
L X (Hottub=001 and any(Htub\_loc,001,002,055,099))  
L X (any(Hottub,002,088,099) and Htub\_loc=088)  
L X (Hottub=055 and Htub\_loc=055)

Q Irn\_A 1 213 I2  
T Pre Assinged IRN: A  
V q9a  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (Formstat=01 and (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)))  
L X (Formstat=03 and (range(Irn\_A,01,10) or any(Irn\_A,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_A=-8)

Q Fname\_A 1 215 A15  
T Legal First Name: A  
V q9a1  
P Irn\_A (F2.0) ''  
L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and not(Fname\_A="YYYYYYYYYYYYYYYY")  
L X (Irn\_A=-8 and Fname\_A="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_A 1 230 A8  
\* T Date of Birth: A

Q DobA\_m 1 230 I2  
T Date of Birth: Month, A

V q9a2

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,12)

P Irn\_A (F3.0) ''

L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and

+ F (range(DobA\_m,01,12) or any(DobA\_m,-5,-9))

L X (Irn\_A=-8 and DobA\_m=-8)

Q DobA\_d 1 233 I2

T Date of Birth: Day, A

V q9a3

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,31)

P Irn\_A (F3.0) ''

L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and

+ F (range(DobA\_d,01,31) or any(DobA\_d,-5,-9))

L X (Irn\_A=-8 and DobA\_d=-8)

Q DobA\_y 1 236 I2

T Date of Birth: Year, A

V q9a4

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,96)

P Irn\_A (F2.0) ''

L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and

+ F (range(DobA\_y,01,96) or any(DobA\_y,-5,-9))

L X (Irn\_A=-8 and DobA\_y=-8)

Q RelPR\_A 1 238 I2

T Relat. Code: A

V q9a5

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

P Irn\_A (F2.0) ''

L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and

+ F (range(RelPR\_A,01,50) or any(RelPR\_A,-5,-9))

L X (any(Irn\_A,01,-8) or Irnvis\_A=01) and RelPR\_A=-8

Q Bedrm\_A 1 240 I2

T Bedrm# (from diagram): A

V q9a6

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing  
R (01,08)  
P Irn\_A (F2.0) ''  
L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and  
+ F (range(Bedrm\_A,01,99) or any(Bedrm\_A,-5,-9))  
L X ((range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and Chg\_A=001) and  
+ F (range(Bedrm\_A,01,99) or any(Bedrm\_A,-5,-8,-9))  
L X (Irn\_A=-8 and Bedrm\_A=-8)

Q Irnvis\_A 1 242 I2  
T IRN# During This Visit Series: A  
V q9a7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_A (F2.0) ''  
L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and  
+ F (range(Irnvis\_A,01,10) or any(Irnvis\_A,-5,-9))  
L X (Irn\_A=-8 and Irnvis\_A=-8)

Q Chg\_A 1 244 I3  
T Change in Respondent Status: A  
V q9a8  
P Irn\_A (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_A (F2.0) ''  
L X (range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and  
+ F (any(Chg\_A,001,002))  
L X (Irn\_A=-8 and Chg\_A=088)

Q Irn\_B 1 247 I2  
T Pre Assinged IRN: B  
V q9b  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_B,01,10) or any(Irn\_B,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_B=-8)

Q Fname\_B 1 249 A15  
T Legal First Name: B  
V q9b1  
P Irn\_B (F2.0) ''  
L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and  
+ F not(Fname\_B="YYYYYYYYYYYYYYYY")  
L X (Irn\_B=-8 and Fname\_B="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year

\* Q Dob\_B 1 264 A8

\* T Date of Birth: B

Q DobB\_m 1 264 I2

T Date of Birth: Month, B

V q9b2

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,12)

P Irn\_B (F3.0) ''

L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and

+ F (range(DobB\_m,01,12) or any(DobB\_m,-5,-9))

L X (Irn\_B=-8 and DobB\_m=-8)

Q DobB\_d 1 267 I2

T Date of Birth: Day, B

V q9b3

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,31)

P Irn\_B (F2.0) ''

L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and

+ F (range(DobB\_d,01,31) or any(DobB\_d,-5,-9))

L X (Irn\_B=-8 and DobB\_d=-8)

Q DobB\_y 1 270 I2

T Date of Birth: Year, B

V q9b4

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,96)

P Irn\_B (F2.0) ''

L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and

+ F (range(DobB\_y,01,96) or any(DobB\_y,-5,-9))

L X (Irn\_B=-8 and DobB\_y=-8)

Q RelPR\_B 1 272 I2

T Relat. Code: B

V q9b5

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

P Irn\_B (F2.0) ''

L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and

+ F (range(RelPR\_B,01,50) or any(RelPR\_B,-5,-9))

L X (any(Irn\_B,01,-8) or Irnvis\_B=01) and RelPR\_B=-8

Q Bedrm\_B 1 274 I2  
T Bedrm# (from diagram): B  
V q9b6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_B (F2.0) ''  
L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and  
+ F (range(Bedrm\_B,01,99) or any(Bedrm\_B,-5,-9))  
L X ((range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and Chg\_B=001) and  
+ F (range(Bedrm\_B,01,99) or any(Bedrm\_B,-5,-8,-9))  
L X (Irn\_B=-8 and Bedrm\_B=-8)

Q Irnvis\_B 1 276 I2  
T IRN# During This Visit Series: B  
V q9b7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_B (F2.0) ''  
L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and  
+ F (range(Irnvis\_B,01,10) or any(Irnvis\_B,-5,-9))  
L X (Irn\_B=-8 and Irnvis\_B=-8)

Q Chg\_B 1 278 I3  
T Change in Respondent Status: B  
V q9b8  
P Irn\_A (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_B (F2.0) ''  
L X (range(Irn\_B,01,10) or any(Irn\_B,-5,-9)) and  
+ F (any(Chg\_B,001,002))  
L X (Irn\_B=-8 and Chg\_B=088)

Q Irn\_C 1 281 I2  
T Pre Assinged IRN: C  
V q9c  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_C,01,10) or any(Irn\_C,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_C=-8)

Q Fname\_C 1 283 A15  
T Legal First Name: C  
V q9c1  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F not(Fname\_C="YYYYYYYYYYYYYYYY")  
L X (Irn\_C=-8 and Fname\_C="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_C 1 298 A8  
\* T Date of Birth: C

Q DobC\_m 1 298 I2  
T Date of Birth: Month, C  
V q9c2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_C (F3.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F (range(DobC\_m,01,12) or any(DobC\_m,-5,-9))  
L X (Irn\_C=-8 and DobC\_m=-8)

Q DobC\_d 1 301 I2  
T Date of Birth: Day, C  
V q9c3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F (range(DobC\_d,01,31) or any(DobC\_d,-5,-9))  
L X (Irn\_C=-8 and DobC\_d=-8)

Q DobC\_y 1 304 I2  
T Date of Birth: Year, C  
V q9c4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F (range(DobC\_y,01,96) or any(DobC\_y,-5,-9))  
L X (Irn\_C=-8 and DobC\_y=-8)

Q RelPR\_C 1 306 I2  
T Relat. Code: C  
V q9c5

Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,02,10) or any(Irn\_C,-5,-9)) and  
+ F (range(RePR\_C,01,50) or any(RePR\_C,-5,-9))  
L X (any(Irn\_C,01,-8) and RePR\_C=-8)

\* 21 was added because the subject was sleeping in the main room.

Q Bedrm\_C 1 308 I2  
T Bedrm# (from diagram): C  
V q9c6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
Y 21 Mainroom  
R (01,08)  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F (range(Bedrm\_C,01,99) or any(Bedrm\_C,-5,-9,21))  
L X ((range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and Chg\_C=001) and  
+ F (range(Bedrm\_C,01,99) or any(Bedrm\_C,-5,-8,-9))  
L X (Irn\_C=-8 and Bedrm\_C=-8)

Q Irnvis\_C 1 310 I2  
T IRN# During This Visit Series: C  
V q9c7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F (range(Irnvis\_C,01,10) or any(Irnvis\_C,-5,-9))  
L X (Irn\_C=-8 and Irnvis\_C=-8)

Q Chg\_C 1 312 I3  
T Change in Respondent Status: C  
V q9c8  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_C (F2.0) ''  
L X (range(Irn\_C,01,10) or any(Irn\_C,-5,-9)) and  
+ F (any(Chg\_C,001,002))  
L X (Irn\_C=-8 and Chg\_C=088)

Q Irn\_D 1 315 I2  
T Pre Assinged IRN: D  
V q9d

Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_D,01,10) or any(Irn\_D,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_D=-8)

Q Fname\_D 1 317 A15  
T Legal First Name: D  
V q9d1  
P Irn\_D (F2.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and  
+ F not(Fname\_D="YYYYYYYYYYYYYYYY")  
L X (Irn\_D=-8 and Fname\_D="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_D 1 332 A8  
\* T Date of Birth: D

Q DobD\_m 1 332 I2  
T Date of Birth: Month, D  
V q9d2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_D (F3.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and  
+ F (range(DobD\_m,01,12) or any(DobD\_m,-5,-9))  
L X (Irn\_D=-8 and DobD\_m=-8)

Q DobD\_d 1 335 I2  
T Date of Birth: Day, D  
V q9d3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_D (F2.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and  
+ F (range(DobD\_d,01,31) or any(DobD\_d,-5,-9))  
L X (Irn\_D=-8 and DobD\_d=-8)

Q DobD\_y 1 338 I2  
T Date of Birth: Year, D  
V q9d4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)

P Irn\_D (F2.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and  
+ F (range(DobD\_y,01,96) or any(DobD\_y,-5,-9))  
L X (Irn\_D=-8 and DobD\_y=-8)

Q RelPR\_D 1 340 I2  
T Relat. Code: D  
V q9d5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_D (F2.0) ''  
L X (range(Irn\_D,02,10) or any(Irn\_D,-5,-9)) and  
+ F (range(RelPR\_D,01,50) or any(RelPR\_D,-5,-9))  
L X (any(Irn\_D,01,-8) and RelPR\_D=-8)

Q Bedrm\_D 1 342 I2  
T Bedrm# (from diagram): D  
V q9d6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_D (F2.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and  
+ F (range(Bedrm\_D,01,99) or any(Bedrm\_D,-5,-9))  
L X ((range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and Chg\_D=001) and  
+ F (range(Bedrm\_D,01,99) or any(Bedrm\_D,-5,-8,-9))  
L X (Irn\_D=-8 and Bedrm\_D=-8)

Q Irnvis\_D 1 344 I2  
T IRN# During This Visit Series: D  
V q9d7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_D (F2.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and  
+ F (range(Irnvis\_D,01,10) or any(Irnvis\_D,-5,-9))  
L X (Irn\_D=-8 and Irnvis\_D=-8)

Q Chg\_D 1 346 I3  
T Change in Respondent Status: D  
V q9d8  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_D (F2.0) ''  
L X (range(Irn\_D,01,10) or any(Irn\_D,-5,-9)) and

+ F (any(Chg\_D,001,002))  
L X (Irn\_D=-8 and Chg\_D=088)

Q Irn\_E 1 349 I2  
T Pre Assinged IRN: E  
V q9e  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_E,01,10) or any(Irn\_E,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_E=-8)

Q Fname\_E 1 351 A15  
T Legal First Name: E  
V q9e1  
P Irn\_E (F2.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F not(Fname\_E="YYYYYYYYYYYYYYYY")  
L X (Irn\_E=-8 and Fname\_E="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_E 1 366 A8  
\* T Date of Birth: E

Q DobE\_m 1 366 I2  
T Date of Birth: Month, E  
V q9e2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_E (F3.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F (range(DobE\_m,01,12) or any(DobE\_m,-5,-9))  
L X (Irn\_E=-8 and DobE\_m=-8)

Q DobE\_d 1 369 I2  
T Date of Birth: Day, E  
V q9e3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_E (F2.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F (range(DobE\_d,01,31) or any(DobE\_d,-5,-9))  
L X (Irn\_E=-8 and DobE\_d=-8)

Q DobE\_y 1 372 I2

T Date of Birth: Year, E  
V q9e4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_E (F2.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F (range(DobE\_Y,01,96) or any(DobE\_y,-5,-9))  
L X (Irn\_E=-8 and DobE\_y=-8)

Q RelPR\_E 1 374 I2  
T Relat. Code: E  
V q9e5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_E (F3.0) ''  
L X (range(Irn\_E,02,10) or any(Irn\_E,-5,-9)) and  
+ F (range(RelPR\_E,01,50) or any(RelPR\_E,-5,-9))  
L X (any(Irn\_E,01,-8) and RelPR\_E=-8)

Q Bedrm\_E 1 376 I2  
T Bedrm# (from diagram): E  
V q9e6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_E (F3.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F (range(Bedrm\_E,01,99) or any(Bedrm\_E,-5,-9))  
L X ((range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and Chg\_E=001) and  
+ F (range(Bedrm\_E,01,99) or any(Bedrm\_E,-5,-8,-9))  
L X (Irn\_E=-8 and Bedrm\_E=-8)

Q Irnvis\_E 1 378 I2  
T IRN# During This Visit Series: E  
V q9e7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_E (F3.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F (range(Irnvis\_E,01,10) or any(Irnvis\_E,-5,-9))  
L X (Irn\_E=-8 and Irnvis\_E=-8)

Q Chg\_E 1 380 I3  
T Change in Respondent Status: E

V q9e8  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_E (F3.0) ''  
L X (range(Irn\_E,01,10) or any(Irn\_E,-5,-9)) and  
+ F (any(Chg\_E,001,002))  
L X (Irn\_E=-8 and Chg\_E=088)

Q Irn\_F 1 383 I2  
T Pre Assinged IRN: F  
V q9f  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_F,01,10) or any(Irn\_F,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_F=-8)

Q Fname\_F 1 385 A15  
T Legal First Name: F  
V q9f1  
P Irn\_F (F2.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F not(Fname\_F="YYYYYYYYYYYYYYYY")  
L X (Irn\_F=-8 and Fname\_F="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_F 1 400 A8  
\* T Date of Birth: F

Q DobF\_m 1 400 I2  
T Date of Birth: Month, F  
V q9f2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_F (F3.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F (range(DobF\_m,01,12) or any(DobF\_m,-5,-9))  
L X (Irn\_F=-8 and DobF\_m=-8)

Q DobF\_d 1 403 I2  
T Date of Birth: Day, F  
V q9f3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)

P Irn\_F (F2.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F (range(DobF\_d,01,31) or any(DobF\_d,-5,-9))  
L X (Irn\_F=-8 and DobF\_d=-8)

Q DobF\_y 1 406 I2  
T Date of Birth: Year, F  
V q9f4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_F (F2.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F (range(DobF\_y,01,96) or any(DobF\_y,-5,-9))  
L X (Irn\_F=-8 and DobF\_y=-8)

Q RelPR\_F 1 408 I2  
T Relat. Code: F  
V q9f5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_F (F3.0) ''  
L X (range(Irn\_F,02,10) or any(Irn\_F,-5,-9)) and  
+ F (range(RelPR\_F,01,50) or any(RelPR\_F,-5,-9))  
L X (any(Irn\_F,01,-8) and RelPR\_F=-8)

\* The value 26 was added because one of the subjects slept in the living room.

Q Bedrm\_F 1 410 I2  
V q9f6  
T Bedrm# (from diagram): F  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
Y 26 Living room  
R (01,08)  
P Irn\_F (F3.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F (range(Bedrm\_F,01,99) or any(Bedrm\_F,-5,-9,26))  
L X ((range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and Chg\_F=001) and  
+ F (range(Bedrm\_F,01,99) or any(Bedrm\_F,-5,-8,-9,26))  
L X (Irn\_F=-8 and Bedrm\_F=-8)

Q Irnvis\_F 1 412 I2  
T IRN# During This Visit Series: F  
V 9f7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing

R (01,10)  
P Irn\_F (F3.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F (range(IrniS\_F,01,10) or any(IrniS\_F,-5,-9))  
L X (Irn\_F=-8 and IrniS\_F=-8)

Q Chg\_F 1 414 I3  
T Change in Respondent Status: F  
V q9f8  
P Irn\_F (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_F (F3.0) ''  
L X (range(Irn\_F,01,10) or any(Irn\_F,-5,-9)) and  
+ F (any(Chg\_F,001,002))  
L X (Irn\_F=-8 and Chg\_F=088)

Q Irn\_G 1 417 I2  
T Pre Assinged IRN: G  
V q9g  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)))  
L X (any(Formstat,02,05,09) and Irn\_G=-8)

Q Fname\_G 1 419 A15  
T Legal First Name: G  
V q9g1  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F not(Fname\_G="YYYYYYYYYYYYYYYY")  
L X (Irn\_G=-8 and Fname\_G="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year

\* Q Dob\_G 1 434 A8  
\* T Date of Birth: G

Q DobG\_m 1 434 I2  
T Date of Birth: Month, G  
V q9g2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_G (F3.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F (range(DobG\_m,01,12) or any(DobG\_m,-5,-9))

L X (Irn\_G=-8 and DobG\_m=-8)

Q DobG\_d 1 437 I2  
T Date of Birth: Day, G  
V q9g3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F (range(DobG\_d,01,31) or any(DobG\_d,-5,-9))  
L X (Irn\_G=-8 and DobG\_d=-8)

Q DobG\_y 1 440 I2  
T Date of Birth: Year, G  
V q9g4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F (range(DobG\_y,01,96) or any(DobG\_y,-5,-9))  
L X (Irn\_G=-8 and DobG\_y=-8)

Q RelPR\_G 1 442 I2  
T Relat. Code: G  
V q9g5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,02,10) or any(Irn\_G,-5,-9)) and  
+ F (range(RelPR\_G,01,50) or any(RelPR\_G,-5,-9))  
L X (any(Irn\_G,01,-8) and RelPR\_G=-8)

Q Bedrm\_G 1 444 I2  
T Bedrm# (from diagram): G  
V q9g6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F (range(Bedrm\_G,01,99) or any(Bedrm\_G,-5,-9))  
L X ((range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and Chg\_G=001) and  
+ F (range(Bedrm\_G,01,99) or any(Bedrm\_G,-5,-8,-9))  
L X (Irn\_G=-8 and Bedrm\_G=-8)

Q Irnvis\_G 1 446 I2  
T IRN# During This Visit Series: G  
V q9g7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F (range(Irnvis\_G,01,10) or any(Irnvis\_G,-5,-9))  
L X (Irn\_G=-8 and Irnvis\_G=-8)

Q Chg\_G 1 448 I3  
T Change in Respondent Status: G  
V q9g8  
P Irn\_A (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_G (F2.0) ''  
L X (range(Irn\_G,01,10) or any(Irn\_G,-5,-9)) and  
+ F (any(Chg\_G,001,002))  
L X (Irn\_G=-8 and Chg\_G=088)

Q Irn\_H 1 451 I2  
T Pre Assinged IRN: H  
V q9h  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_H,01,10) or any(Irn\_H,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_H=-8)

Q Fname\_H 1 453 A15  
T Legal First Name: H  
V q9h1  
P Irn\_A (F2.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F not(Fname\_H="YYYYYYYYYYYYYYYY")  
L X (Irn\_H=-8 and Fname\_H="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_H 1 468 A8  
\* T Date of Birth: H

Q DobH\_m 1 468 I2  
T Date of Birth: Month, H  
V q9h2

Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_H (F3.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F (range(DobH\_m,01,12) or any(DobH\_m,-5,-9))  
L X (Irn\_H=-8 and DobH\_m=-8)

Q DobH\_d 1 471 I2  
T Date of Birth: Day, H  
V q9h3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_H (F2.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F (range(DobH\_d,01,31) or any(DobH\_d,-5,-9))  
L X (Irn\_H=-8 and DobH\_d=-8)

Q DobH\_y 1 474 I2  
T Date of Birth: Year, H  
V q9h4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_H (F2.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F (range(DobH\_y,01,96) or any(DobH\_y,-5,-9))  
L X (Irn\_H=-8 and DobH\_y=-8)

Q RelPR\_H 1 476 I2  
T Relat. Code: H  
V q9h5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_H (F2.0) ''  
L X (range(Irn\_H,02,10) or any(Irn\_H,-5,-9)) and  
+ F (range(RelPR\_H,01,50) or any(RelPR\_H,-5,-9))  
L X (any(Irn\_H,01,-8) and RelPR\_H=-8)

Q Bedrm\_H 1 478 I2  
T Bedrm# (from diagram): H  
V q9h6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing

R (01,08)  
P Irn\_H (F2.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F (range(Bedrm\_H,01,99) or any(Bedrm\_H,-5,-9))  
L X ((range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and Chg\_H=001) and  
+ F (range(Bedrm\_H,01,99) or any(Bedrm\_H,-5,-8,-9))  
L X (Irn\_H=-8 and Bedrm\_H=-8)

Q Irnvis\_H 1 480 I2  
T IRN# During This Visit Series: H  
V q9h7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_H (F2.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F (range(Irnvis\_H,01,10) or any(Irnvis\_H,-5,-9))  
L X (Irn\_H=-8 and Irnvis\_H=-8)

Q Chg\_H 1 482 I3  
T Change in Respondent Status: H  
V q9h8  
P Irn\_H (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_H (F2.0) ''  
L X (range(Irn\_H,01,10) or any(Irn\_H,-5,-9)) and  
+ F (any(Chg\_H,001,002))  
L X (Irn\_H=-8 and Chg\_H=088)

Q Irn\_I 1 485 I2  
T Pre Assinged IRN: I  
V q9i  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_I,01,10) or any(Irn\_I,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_I=-8)

Q Fname\_I 1 487 A15  
T Legal First Name: I  
V q9i1  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F not(Fname\_I="YYYYYYYYYYYYYYYYYYYY")  
L X (Irn\_I=-8 and Fname\_I="YYYYYYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_I 1 502 A8  
\* T Date of Birth: I

Q DobI\_m 1 502 I2  
T Date of Birth: Month, I  
V q9i2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_I (F3.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F (range(DobI\_m,01,12) or any(DobI\_m,-5,-9))  
L X (Irn\_I=-8 and DobI\_m=-8)

Q DobI\_d 1 505 I2  
T Date of Birth: Day, I  
V q9i3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F (range(DobI\_d,01,31) or any(DobI\_d,-5,-9))  
L X (Irn\_I=-8 and DobI\_d=-8)

Q DobI\_y 1 508 I2  
T Date of Birth: Year, I  
V q9i4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F (range(DobI\_y,01,96) or any(DobI\_y,-5,-9))  
L X (Irn\_I=-8 and DobI\_y=-8)

Q RelPR\_I 1 510 I2  
T Relat. Code: I  
V q9i5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,02,10) or any(Irn\_I,-5,-9)) and  
+ F (range(RelPR\_I,01,50) or any(RelPR\_I,-5,-9))  
L X (any(Irn\_I,01,-8) and RelPR\_I=-8)

Q Bedrm\_I 1 512 I2  
T Bedrm# (from diagram): I  
V q9i6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F (range(Bedrm\_I,01,99) or any(Bedrm\_I,-5,-9))  
L X ((range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and Chg\_I=001) and  
+ F (range(Bedrm\_I,01,99) or any(Bedrm\_I,-5,-8,-9))  
L X (Irn\_I=-8 and Bedrm\_I=-8)

Q Irnvis\_I 1 514 I2  
T IRN# During This Visit Series: I  
V q9i7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F (range(Irnvis\_I,01,10) or any(Irnvis\_I,-5,-9))  
L X (Irn\_I=-8 and Irnvis\_I=-8)

Q Chg\_I 1 516 I3  
T Change in Respondent Status: I  
V q9i8  
P Irn\_A (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
P Irn\_I (F2.0) ''  
L X (range(Irn\_I,01,10) or any(Irn\_I,-5,-9)) and  
+ F (any(Chg\_I,001,002))  
L X (Irn\_I=-8 and Chg\_I=088)

Q Irn\_J 1 519 I2  
T Pre Assinged IRN: J  
V q9j  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_J,01,10) or any(Irn\_J,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_J=-8)

Q Fname\_J 1 521 A15

T Legal First Name: J  
V q9j1  
P Irn\_J(F2.0) ''  
L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F not(Fname\_J="YYYYYYYYYYYYYYYYYYYY")  
L X (Irn\_J=-8 and Fname\_J="YYYYYYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_J 1 536 A8  
\* T Date of Birth: J

Q DobJ\_m 1 536 I2  
T Date of Birth: Month, A  
V q9j2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_J (F2.0) ''  
L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F (range(DobJ\_m,01,12) or any(DobJ\_m,-5,-9))  
L X (Irn\_J=-8 and DobJ\_m=-8)

Q DobJ\_d 1 539 I2  
T Date of Birth: Day, J  
V q9j3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_J (F2.0) ''  
L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F (range(DobJ\_d,01,31) or any(DobJ\_d,-5,-9))  
L X (Irn\_J=-8 and DobJ\_d=-8)

Q DobJ\_y 1 542 I2  
T Date of Birth: Year, J  
V q9j4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_J (F2.0) ''  
L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F (range(DobJ\_y,01,96) or any(DobJ\_y,-5,-9))  
L X (Irn\_J=-8 and DobJ\_y=-8)

Q RelPR\_J 1 544 I2  
T Relat. Code: J  
V q9j5  
Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

P Irn\_J (F2.0) ''

L X (range(Irn\_J,02,10) or any(Irn\_J,-5,-9)) and  
+ F (range(ReLPR\_J,01,50) or any(ReLPR\_J,-5,-9))

L X (any(Irn\_J,01,-8) and ReLPR\_J=-8)

Q Bedrm\_J 1 546 I2

T Bedrm# (from diagram): J

V q9j6

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,08)

P Irn\_J (F2.0) ''

L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F (range(Bedrm\_J,01,99) or any(Bedrm\_J,-5,-9))  
L X ((range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and Chg\_J=001) and  
+ F (range(Bedrm\_J,01,99) or any(Bedrm\_J,-5,-8,-9))  
L X (Irn\_J=-8 and Bedrm\_J=-8)

Q Irnvis\_J 1 548 I2

T IRN# During This Visit Series: J

V q9j7

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)

P Irn\_J (F2.0) ''

L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F (range(Irnvis\_J,01,10) or any(Irnvis\_J,-5,-9))

L X (Irn\_J=-8 and Irnvis\_J=-8)

Q Chg\_J 1 550 I3

T Change in Respondent Status: J

V q9j8

P Irn\_A (F2.0) ''

Y 001 Yes

Y 002 No

Y 088 Not Applicable

P Irn\_J (F2.0) ''

L X (range(Irn\_J,01,10) or any(Irn\_J,-5,-9)) and  
+ F (any(Chg\_J,001,002))

L X (Irn\_J=-8 and Chg\_J=088)

Q Irn\_K 1 553 I2

T Pre Assinged IRN: K

V q9k

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_K,01,10) or any(Irn\_K,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_K=-8)

Q Fname\_K 1 555 A15  
T Legal First Name: K  
V q9k1  
P Irn\_A (F2.0) ''  
L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and  
+ F not(Fname\_K="YYYYYYYYYYYYYYYY")  
L X (Irn\_K=-8 and Fname\_K="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_K 1 570 A8  
\* T Date of Birth: K

Q DobK\_m 1 570 I2  
T Date of Birth: Month, K  
B q9k2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_K (F3.0) ''  
L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and  
+ F (range(DobK\_m,01,12) or any(DobK\_m,-5,-9))  
L X (Irn\_K=-8 and DobK\_m=-8)

Q DobK\_d 1 573 I2  
T Date of Birth: Day, K  
V q9k3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_K (F2.0) ''  
L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and  
+ F (range(DobK\_d,01,31) or any(DobK\_d,-5,-9))  
L X (Irn\_K=-8 and DobK\_d=-8)

Q DobK\_y 1 576 I2  
T Date of Birth: Year, K  
V q9k4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_K (F2.0) ''  
L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and

+ F (range(DobK\_y,01,96) or any(DobK\_y,-5,-9))  
L X (Irn\_K=-8 and DobK\_y=-8)

Q RelPR\_K 1 578 I2  
T Relat. Code: K  
V q9k5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_K (F2.0) ''  
L X (range(Irn\_K,02,10) or any(Irn\_K,-5,-9)) and  
+ F (range(RelPR\_K,01,50) or any(RelPR\_K,-5,-9))  
L X (any(Irn\_K,01,-8) and RelPR\_K=-8)

Q Bedrm\_K 1 580 I2  
T Bedrm# (from diagram): K  
V q9k6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_K (F2.0) ''  
L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and  
+ F (range(Bedrm\_K,01,99) or any(Bedrm\_K,-5,-9))  
L X ((range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and Chg\_K=001) and  
+ F (range(Bedrm\_K,01,99) or any(Bedrm\_K,-5,-8,-9))  
L X (Irn\_K=-8 and Bedrm\_K=-8)

Q Irnvis\_K 1 582 I2  
T IRN# During This Visit Series: K  
V q9k7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_K (F2.0) ''  
L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and  
+ F (range(Irnvis\_K,01,10) or any(Irnvis\_K,-5,-9))  
L X (Irn\_K=-8 and Irnvis\_K=-8)

Q Chg\_K 1 584 I3  
T Change in Respondent Status: K  
V q9k8  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Irn\_K (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable

L X (range(Irn\_K,01,10) or any(Irn\_K,-5,-9)) and  
+ F (any(Chg\_K,001,002))  
L X (Irn\_K=-8 and Chg\_K=088)

Q Irn\_L 1 587 I2  
T Pre Assinged IRN: L  
V q91  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Formstat (F2.0) ''  
R (01,10)  
L X (any(Formstat,01,03) and (range(Irn\_L,01,10) or any(Irn\_L,-5,-8,-9)))  
L X (any(Formstat,02,05,09) and Irn\_L=-8)

Q Fname\_L 1 589 A15  
T Legal First Name: L  
V q911  
P Irn\_L (F2.0) ''  
L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and  
+ F not(Fname\_L="YYYYYYYYYYYYYYYY")  
L X (Irn\_L=-8 and Fname\_L="YYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year  
\* Q Dob\_L 1 604 A8  
\* T Date of Birth: L

Q DobL\_m 1 604 I2  
T Date of Birth: Month, L  
V q912  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Irn\_L (F3.0) ''  
L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and  
+ F (range(DobL\_m,01,12) or any(DobL\_m,-5,-9))  
L X (Irn\_L=-8 and DobL\_m=-8)

Q DobL\_d 1 607 I2  
T Date of Birth: Day, L  
V q913  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Irn\_L (F2.0) ''  
L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and  
+ F (range(DobL\_d,01,31) or any(DobL\_d,-5,-9))  
L X (Irn\_L=-8 and DobL\_d=-8)

Q DobL\_y 1 610 I2  
T Date of Birth: Year, L  
V q914  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_L (F2.0) ''  
L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and  
+ F (range(DobL\_y,01,96) or any(DobL\_y,-5,-9))  
L X (Irn\_L=-8 and DobL\_y=-8)

Q RelPR\_L 1 612 I2  
T Relat. Code: L  
V q915  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_L (F2.0) ''  
L X (range(Irn\_L,02,10) or any(Irn\_L,-5,-9)) and  
+ F (range(RelPR\_L,01,50) or any(RelPR\_L,-5,-9))  
L X (any(Irn\_L,01,-8) and RelPR\_L=-8)

Q Bedrm\_L 1 614 I2  
T Bedrm# (from diagram): L  
V q916  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_L (F2.0) ''  
L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and  
+ F (range(Bedrm\_L,01,99) or any(Bedrm\_L,-5,-9))  
L X ((range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and Chg\_L=001) and  
+ F (range(Bedrm\_L,01,99) or any(Bedrm\_L,-5,-8,-9))  
L X (Irn\_L=-8 and Bedrm\_L=-8)

Q Irnvis\_L 1 616 I2  
T IRN# During This Visit Series: L  
V q917  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
P Irn\_L (F2.0) ''  
L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and  
+ F (range(Irnvis\_L,01,10) or any(Irnvis\_L,-5,-9))  
L X (Irn\_L=-8 and Irnvis\_L=-8)

Q Chg\_L 1 618 I3

T Change in Respondent Status: L

V q9l8

P Irn\_L (F2.0) ''

Y 001 Yes

Y 002 No

Y 088 Not Applicable

L X (range(Irn\_L,01,10) or any(Irn\_L,-5,-9)) and

+ F (any(Chg\_L,001,002))

L X (Irn\_L=-8 and Chg\_L=088)

Q Irn\_M 1 621 I2

T Pre Assinged IRN: M

V q9m

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

P Formstat (F2.0) ''

R (01,10)

L X (any(Formstat,01,03) and (range(Irn\_M,01,10) or any(Irn\_M,-5,-8,-9)))

L X (any(Formstat,02,05,09) and Irn\_M=-8)

Q Fname\_M 1 623 A15

T Legal First Name: M

V q9m1

P Irn\_M (F2.0) ''

L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and

+ F not(Fname\_M="YYYYYYYYYYYYYYYYYY")

L X (Irn\_M=-8 and Fname\_M="YYYYYYYYYYYYYYYYYY")

\* The following date has been broken up into Month, Day, Year

\* Q Dob\_M 1 638 A8

\* T Date of Birth: M

Q DobM\_m 1 638 I2

T Date of Birth: Month, M

V q9m2

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,12)

P Irn\_M (F3.0) ''

L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and

+ F (range(DobM\_m,01,12) or any(DobM\_m,-5,-9))

L X (Irn\_M=-8 and DobM\_m=-8)

Q DobM\_d 1 641 I2

T Date of Birth: Day, M

V q9m3

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,31)  
P Irn\_M (F2.0) ''  
L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and  
+ F (range(DobM\_d,01,31) or any(DobM\_d,-5,-9))  
L X (Irn\_M=-8 and DobM\_d=-8)

Q DobM\_y 1 644 I2  
T Date of Birth: Year, M  
V q9m4  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,96)  
P Irn\_M (F2.0) ''  
L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and  
+ F (range(DobM\_y,01,96) or any(DobM\_y,-5,-9))  
L X (Irn\_M=-8 and DobM\_y=-8)

Q RelPR\_M 1 646 I2  
T Relat. Code: M  
V q9m5  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Irn\_M (F2.0) ''  
L X (range(Irn\_M,02,10) or any(Irn\_M,-5,-9)) and  
+ F (range(RelPR\_M,01,50) or any(RelPR\_M,-5,-9))  
L X (any(Irn\_M,01,-8) and RelPR\_M=-8)

Q Bedrm\_M 1 648 I2  
T Bedrm# (from diagram): M  
V q9m6  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,08)  
P Irn\_M (F2.0) ''  
L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and  
+ F (range(Bedrm\_M,01,99) or any(Bedrm\_M,-5,-9))  
L X ((range(Irn\_A,01,10) or any(Irn\_A,-5,-9)) and Chg\_A=001) and  
+ F (range(Bedrm\_A,01,99) or any(Bedrm\_A,-5,-8,-9))  
L X (Irn\_M=-8 and Bedrm\_M=-8)

Q Irnvis\_M 1 650 I2  
T IRN# During This Visit Series: M  
V q9m7  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)

P Irn\_M (F2.0) ''  
L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and  
+ F (range(Irnvis\_M,01,10) or any(Irnvis\_M,-5,-9))  
L X (Irn\_M=-8 and Irnvis\_M=-8)

Q Chg\_M 1 652 I3  
T Change in Respondent Status: M  
V q9m8  
P Irn\_M (F2.0) ''  
Y 001 Yes  
Y 002 No  
Y 088 Not Applicable  
L X (range(Irn\_M,01,10) or any(Irn\_M,-5,-9)) and  
+ F (any(Chg\_M,001,002))  
L X (Irn\_M=-8 and Chg\_M=088)

Q Length 1 655 I3  
T Overall (approximate) dimensions of the portion of the house or apartment occupied by the residents:  
Length  
V q10a1  
Y -55 Refused  
Y -88 Not Applicable  
Y -99 Missing  
R (015,300)  
P Formstat (F2.0) ''  
L X (Formstat=01 and (range(Length,015,300) or any(Length,-55,-99)))  
L X (Formstat=03 and (range(Length,015,300) or any(Length,-55,-88,-99)))  
L X (any(Formstat,02,05,09) and Length=-88)

Q Width 1 658 I3  
T Overall (approximate) dimensions of the portion of the house or apartment occupied by the residents:  
Width  
V q10a2  
Y -55 Refused  
Y -88 Not Applicable  
Y -99 Missing  
R (010,200)  
P Formstat (F2.0) ''  
L X (Formstat=01 and (range(Width,010,200) or any(Width,-55,-99)))  
L X (Formstat=03 and (range(Width,010,200) or any(Width,-55,-88,-99)))  
L X (any(Formstat,02,05,09) and Width=-88)

Q Height 1 661 I3  
T Overall (approximate) dimensions of the portion of the house or apartment occupied by the residents:  
Height  
V q10a3  
Y -55 Refused  
Y -88 Not Applicable  
Y -99 Missing  
R (007,035)  
P Formstat (F2.0) ''

L X (Formstat=01 and (range(Height,007,035) or any(Height,-55,-99)))  
L X (Formstat=03 and (range(Height,007,035) or any(Height,-55,-88,-99)))  
L X (any(Formstat,02,05,09) and Height=-88)

Q PM\_MR 1 664 I1  
T Indicate room(s) where samples are collected: PM - MR  
V q10c1a  
Y 1 Checked  
Y 0 No  
P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''  
L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_MR,0,1)  
L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_MR=0)

Q PM\_LR 1 665 I1  
T Indicate room(s) where samples are collected: PM - LR  
V q10c1b  
Y 1 Checked  
Y 0 No  
P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''  
L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_LR,0,1)  
L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_LR=0)

Q PM\_FR 1 666 I1  
T Indicate room(s) where samples are collected: PM - FR  
V q10c1c  
Y 1 Checked  
Y 0 No  
P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''  
L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_FR,0,1)  
L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_FR=0)

Q PM\_KA 1 667 I1  
T Indicate room(s) where samples are collected: PM - KA  
V q10c1d  
Y 1 Checked  
Y 0 No  
P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''  
L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_KA,0,1)  
L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_KA=0)

Q PM\_B01 1 668 I1  
T Indicate room(s) where samples are collected: PM - B01  
V q10c1e  
Y 1 Checked  
Y 0 No  
P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''  
L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_B01,0,1)  
L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_B01=0)

Q PM\_B02 1 669 I1  
T Indicate room(s) where samples are collected: PM - B02

V q10clf

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_B02,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_B02=0)

Q PM\_B03 1 670 I1

T Indicate room(s) where samples are collected: PM - B03

V q10c1g

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_B03,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_B03=0)

Q PM\_B04 1 671 I1

T Indicate room(s) where samples are collected: PM - B04

V q10c1h

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_B04,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_B04=0)

Q PM\_OR1 1 672 I1

T Indicate room(s) where samples are collected: PM - OR1

V q10c1i

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_OR1,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_OR1=0)

Q PM\_OR2 1 673 I1

T Indicate room(s) where samples are collected: PM - OR2

V q10c1j

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_OR2,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_OR2=0)

Q PM\_OR3 1 674 I1

T Indicate room(s) where samples are collected: PM - OR3

V q10c1k

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_OR3,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_OR3=0)

Q PM\_OR4 1 675 I1

T Indicate room(s) where samples are collected: PM - OR4

V q10c11

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_OR4,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_OR4=0)

Q PM\_OR5 1 676 I1

T Indicate room(s) where samples are collected: PM - OR5

V q10c1m

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_OR5,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_OR5=0)

Q PM\_OR6 1 677 I1

T Indicate room(s) where samples are collected: PM - OR6

V q10c1n

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_OR6,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_OR6=0)

Q PM\_AMB 1 678 I1

T Indicate room(s) where samples are collected: PM - AMB

V q10c1o

Y 1 Checked

Y 0 No

P PM\_REF (F1.0) '', PM\_NA (F1.0) '', PM\_MIS (F1.0) ''

L X (PM\_REF=0 and PM\_NA=0 and PM\_MIS=0) and any(PM\_AMB,0,1)

L X ((PM\_REF=1 or PM\_NA=1 or PM\_MIS=1) and PM\_AMB=0)

Q PM\_REF 1 679 I1

T Indicate room(s) where samples are collected: PM - Refused

V q10c1p

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and any(Stage,3,4)) and any(PM\_REF,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and PM\_REF=0

Q PM\_NA 1 680 I1

T Indicate room(s) where samples are collected: PM - Non Applicable

V q10c1q

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''  
L X (Formstat=01 and any(Stage,3,4)) and PM\_NA=0  
L X (Formstat=03 and any(Stage,3,4)) and any(PM\_NA,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and PM\_NA=1

Q PM\_MIS 1 681 I1  
T Indicate room(s) where samples are collected: PM - Missing

V q10c1r  
Y 1 Checked  
Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and any(Stage,3,4)) and any(PM\_MIS,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and PM\_MIS=0

Q CD\_MR 1 682 I1  
T Indicate room(s) where samples are collected: CD - MR

V q10c2a  
Y 1 Checked  
Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_MR,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_MR=0)

Q CD\_LR 1 683 I1  
T Indicate room(s) where samples are collected: CD - LR

V q10c2b  
Y 1 Checked  
Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_LR,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_LR=0)

Q CD\_FR 1 684 I1  
T Indicate room(s) where samples are collected: CD - FR

V q10c2c  
Y 1 Checked  
Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_FR,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_FR=0)

Q CD\_KA 1 685 I1  
T Indicate room(s) where samples are collected: CD - KA

V q10c2d  
Y 1 Checked  
Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_KA,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_KA=0)

Q CD\_B01 1 686 I1

T Indicate room(s) where samples are collected: CD - B01  
V q10c2e  
Y 1 Checked  
Y 0 No  
P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_B01,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_B01=0)

Q CD\_B02 1 687 I1  
T Indicate room(s) where samples are collected: CD - B02  
V q10c2f  
Y 1 Checked  
Y 0 No  
P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_B02,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_B02=0)

Q CD\_B03 1 688 I1  
T Indicate room(s) where samples are collected: CD - B03  
V q10c2g  
Y 1 Checked  
Y 0 No  
P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_B03,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_B03=0)

Q CD\_B04 1 689 I1  
T Indicate room(s) where samples are collected: CD - B04  
V q10c2h  
Y 1 Checked  
Y 0 No  
P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_B04,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_B04=0)

Q CD\_OR1 1 690 I1  
T Indicate room(s) where samples are collected: CD - OR1  
V q10c2i  
Y 1 Checked  
Y 0 No  
P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_OR1,0,1)  
L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_OR1=0)

Q CD\_OR2 1 691 I1  
T Indicate room(s) where samples are collected: CD - OR2  
V q10c2j  
Y 1 Checked  
Y 0 No  
P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''  
L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_OR2,0,1)

L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_OR2=0)

Q CD\_OR3 1 692 I1

T Indicate room(s) where samples are collected: CD - OR3

V q10c2k

Y 1 Checked

Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''

L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_OR3,0,1)

L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_OR3=0)

Q CD\_OR4 1 693 I1

T Indicate room(s) where samples are collected: CD - OR4

V q10c2l

Y 1 Checked

Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''

L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_OR4,0,1)

L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_OR4=0)

Q CD\_OR5 1 694 I1

T Indicate room(s) where samples are collected: CD - OR5

V q10c2m

Y 1 Checked

Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''

L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_OR5,0,1)

L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_OR5=0)

Q CD\_OR6 1 695 I1

T Indicate room(s) where samples are collected: CD - OR6

V q10c2n

Y 1 Checked

Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''

L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_OR6,0,1)

L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_OR6=0)

Q CD\_AMB 1 696 I1

T Indicate room(s) where samples are collected: CD - AMB

V q10c2o

Y 1 Checked

Y 0 No

P CD\_REF (F1.0) '', CD\_NA (F1.0) '', CD\_MIS (F1.0) ''

L X (CD\_REF=0 and CD\_NA=0 and CD\_MIS=0) and any(CD\_AMB,0,1)

L X ((CD\_REF=1 or CD\_NA=1 or CD\_MIS=1) and CD\_AMB=0)

Q CD\_REF 1 697 I1

T Indicate room(s) where samples are collected: CD - Refused

V q10c2p

Y 1 Checked

Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and any(Stage,2,3,4,6)) and any(CD\_REF,0,1)  
L X (any(Formstat,02,05,09) or Stage=1) and CD\_REF=0

Q CD\_NA 1 698 I1  
T Indicate room(s) where samples are collected: CD - Non Applicable  
V q10c2q  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (Formstat=01 and any(Stage,2,3,4,6)) and CD\_NA=0  
L X (Formstat=03 and any(Stage,2,3,4,6)) and any(CD\_NA,0,1)  
L X (any(Formstat,02,05,09) or Stage=1) and CD\_NA=1

Q CD\_MIS 1 699 I1  
T Indicate room(s) where samples are collected: CD - Missing  
V q10c2r  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and any(Stage,2,3,4,6)) and any(CD\_MIS,0,1)  
L X (any(Formstat,02,05,09) or Stage=1) and CD\_MIS=0

Q SD\_MR 1 700 I1  
T Indicate room(s) where samples are collected: SD - MR  
V q10c3a  
Y 1 Checked  
Y 0 No  
P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''  
L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_MR,0,1)  
L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_MR=0)

Q SD\_LR 1 701 I1  
T Indicate room(s) where samples are collected: SD - LR  
V q10c3b  
Y 1 Checked  
Y 0 No  
P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''  
L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_LR,0,1)  
L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_LR=0)

Q SD\_FR 1 702 I1  
T Indicate room(s) where samples are collected: SD - FR  
V q10c3c  
Y 1 Checked  
Y 0 No  
P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''  
L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_FR,0,1)  
L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_FR=0)

Q SD\_KA 1 703 I1

T Indicate room(s) where samples are collected: SD - KA

V q10c3d

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_KA,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_KA=0)

Q SD\_B01 1 704 I1

T Indicate room(s) where samples are collected: SD - B02

V q10c3e

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_B01,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_B01=0)

Q SD\_B02 1 705 I1

T Indicate room(s) where samples are collected: SD - B02

V q10c3f

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_B02,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_B02=0)

Q SD\_B03 1 706 I1

T Indicate room(s) where samples are collected: SD - B03

V q10c3g

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_B03,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_B03=0)

Q SD\_B04 1 707 I1

T Indicate room(s) where samples are collected: SD - B04

V q10c3h

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_B04,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_B04=0)

Q SD\_OR1 1 708 I1

T Indicate room(s) where samples are collected: SD - OR1

V q10c3i

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_OR1,0,1)  
L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_OR1=0)

Q SD\_OR2 1 709 I1

T Indicate room(s) where samples are collected: SD - OR2

V q10c3j

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_OR2,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_OR2=0)

Q SD\_OR3 1 710 I1

T Indicate room(s) where samples are collected: SD - OR3

V q10c3k

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_OR3,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_OR3=0)

Q SD\_OR4 1 711 I1

T Indicate room(s) where samples are collected: SD - OR4

V q10c3l

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_OR4,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_OR4=0)

Q SD\_OR5 1 712 I1

T Indicate room(s) where samples are collected: SD - OR5

V q10c3m

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_OR5,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_OR5=0)

Q SD\_OR6 1 713 I1

T Indicate room(s) where samples are collected: SD - OR6

V q10c3n

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_OR6,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_OR6=0)

Q SD\_AMB 1 714 I1

T Indicate room(s) where samples are collected: SD - AMB

V q10c3o

Y 1 Checked

Y 0 No

P SD\_REF (F1.0) '', SD\_NA (F1.0) '', SD\_MIS (F1.0) ''

L X (SD\_REF=0 and SD\_NA=0 and SD\_MIS=0) and any(SD\_AMB,0,1)

L X ((SD\_REF=1 or SD\_NA=1 or SD\_MIS=1) and SD\_AMB=0)

Q SD\_REF 1 715 I1

T Indicate room(s) where samples are collected: SD - Refused

V q10c3p

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and any(Stage,3,4)) and any(SD\_REF,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and SD\_REF=0

Q SD\_NA 1 716 I1

T Indicate room(s) where samples are collected: SD - Non Applicable

V q10c3q

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (Formstat=01 and any(Stage,3,4)) and SD\_NA=0

L X (Formstat=03 and any(Stage,3,4)) and any(SD\_NA,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and SD\_NA=1

Q SD\_MIS 1 717 I1

T Indicate room(s) where samples are collected: SD - Missing

V q10c3r

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and any(Stage,3,4)) and any(SD\_MIS,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and SD\_MIS=0

Q PID\_MR 1 718 I1

T Indicate room(s) where samples are collected: PID - MR

V q10c4a

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_MR,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_MR=0)

Q PID\_LR 1 719 I1

T Indicate room(s) where samples are collected: PID - LR

V q10c4b

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_LR,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_LR=0)

Q PID\_FR 1 720 I1

T Indicate room(s) where samples are collected: PID - FR

V q10c4c

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_FR,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_FR=0)

Q PID\_KA 1 721 I1

T Indicate room(s) where samples are collected: PID - KA

V q10c4d

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_KA,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_KA=0)

Q PID\_B01 1 722 I1

T Indicate room(s) where samples are collected: PID - B01

V q10c4e

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_B01,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_B01=0)

Q PID\_B02 1 723 I1

T Indicate room(s) where samples are collected: PID - B02

V q10c4f

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_B02,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_B02=0)

Q PID\_B03 1 724 I1

T Indicate room(s) where samples are collected: PID - B03

V q10c4g

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''

L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_B03,0,1)

L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_B03=0)

Q PID\_B04 1 725 I1

T Indicate room(s) where samples are collected: PID - B04

V q10c4h

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_B04,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_B04=0)

Q PID\_OR1 1 726 I1

T Indicate room(s) where samples are collected: PID - OR1

V q10c4i

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_OR1,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_OR1=0)

Q PID\_OR2 1 727 I1

T Indicate room(s) where samples are collected: PID - OR2

V q10c4j

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_OR2,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_OR2=0)

Q PID\_OR3 1 728 I1

T Indicate room(s) where samples are collected: PID - OR3

V q10c4k

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_OR3,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_OR3=0)

Q PID\_OR4 1 729 I1

T Indicate room(s) where samples are collected: PID - OR4

V q10c4l

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_OR4,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_OR4=0)

Q PID\_OR5 1 730 I1

T Indicate room(s) where samples are collected: PID - OR5

V q10c4m

Y 1 Checked

Y 0 No

P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_OR5,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_OR5=0)

Q PID\_OR6 1 731 I1

T Indicate room(s) where samples are collected: PID - OR6

V q10c4n  
Y 1 Checked  
Y 0 No  
P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_OR6,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_OR6=0)

Q PID\_AMB 1 732 I1  
T Indicate room(s) where samples are collected: PID - AMB  
V q10c4o  
Y 1 Checked  
Y 0 No  
P PID\_REF (F1.0) '', PID\_NA (F1.0) '', PID\_MIS (F1.0) ''  
L X (PID\_REF=0 and PID\_NA=0 and PID\_MIS=0) and any(PID\_AMB,0,1)  
L X ((PID\_REF=1 or PID\_NA=1 or PID\_MIS=1) and PID\_AMB=0)

Q PID\_REF 1 733 I1  
T Indicate room(s) where samples are collected: PID - Refused  
V q10c4p  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and any(Stage,2,3)) and any(PID\_REF,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,4,6)) and PID\_REF=0

Q PID\_NA 1 734 I1  
T Indicate room(s) where samples are collected: PID - Non Applicable  
V q10c4q  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (Formstat=01 and any(Stage,2,3)) and any(PID\_NA,0,1)  
L X (Formstat=03 and any(Stage,1,2,3,4)) and any(PID\_NA,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,4,6)) and PID\_NA=1

Q PID\_MIS 1 735 I1  
T Indicate room(s) where samples are collected: PID - Missing  
V q10c4r  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and any(Stage,2,3)) and any(PID\_MIS,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,4,6)) and PID\_MIS=0

Q AV\_MR 1 736 I1  
T Indicate room(s) where samples are collected: AV - MR  
V q10c5a  
Y 1 Checked  
Y 0 No  
P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_MR,0,1)

L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_MR=0)

Q AV\_LR 1 737 I1

T Indicate room(s) where samples are collected: AV - LR

V q10c5b

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''

L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_LR,0,1)

L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_LR=0)

Q AV\_FR 1 738 I1

T Indicate room(s) where samples are collected: AV - FR

V q10c5c

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''

L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_FR,0,1)

L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_FR=0)

Q AV\_KA 1 739 I1

T Indicate room(s) where samples are collected: AV - KA

V q10c5d

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''

L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_KA,0,1)

L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_KA=0)

Q AV\_B01 1 740 I1

T Indicate room(s) where samples are collected: AV - B01

V q10c5e

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''

L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_B01,0,1)

L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_B01=0)

Q AV\_B02 1 741 I1

T Indicate room(s) where samples are collected: AV - B02

V q10c5f

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''

L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_B02,0,1)

L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_B02=0)

Q AV\_B03 1 742 I1

T Indicate room(s) where samples are collected: AV - B03

V q10c5g

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_B03,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_B03=0)

Q AV\_B04 1 743 I1

T Indicate room(s) where samples are collected: AV - B04

V q10c5h

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_B04,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_B04=0)

Q AV\_OR1 1 744 I1

T Indicate room(s) where samples are collected: AV - OR1

V q10c5i

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_OR1,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_OR1=0)

Q AV\_OR2 1 745 I1

T Indicate room(s) where samples are collected: AV - OR2

V q10c5j

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_OR2,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_OR2=0)

Q AV\_OR3 1 746 I1

T Indicate room(s) where samples are collected: AV - OR3

V q10c5k

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_OR3,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_OR3=0)

Q AV\_OR4 1 747 I1

T Indicate room(s) where samples are collected: AV - OR4

V q10c5l

Y 1 Checked

Y 0 No

P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_OR4,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_OR4=0)

Q AV\_OR5 1 748 I1

T Indicate room(s) where samples are collected: AV - OR5  
V q10c5m  
Y 1 Checked  
Y 0 No  
P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_OR5,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_OR5=0)

Q AV\_OR6 1 749 I1  
T Indicate room(s) where samples are collected: AV - OR6  
V q10c5n  
Y 1 Checked  
Y 0 No  
P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_OR6,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_OR6=0)

Q AV\_AMB 1 750 I1  
T Indicate room(s) where samples are collected: AV - AMB  
V q10c5o  
Y 1 Checked  
Y 0 No  
P AV\_REF (F1.0) '', AV\_NA (F1.0) '', AV\_MIS (F1.0) ''  
L X (AV\_REF=0 and AV\_NA=0 and AV\_MIS=0) and any(AV\_AMB,0,1)  
L X ((AV\_REF=1 or AV\_NA=1 or AV\_MIS=1) and AV\_AMB=0)

Q AV\_REF 1 751 I1  
T Indicate room(s) where samples are collected: AV - Refused  
V q10c5p  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and Stage=3) and any(AV\_REF,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,4,6)) and PID\_REF=0

Q AV\_NA 1 752 I1  
T Indicate room(s) where samples are collected: AV - Non Applicable  
V q10c5q  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (Formstat=01 and Stage=3) and any(AV\_NA,0,1)  
L X (Formstat=03 and any(Stage,3,4)) and any(AV\_NA,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,4,6)) and AV\_NA=1

Q AV\_MIS 1 753 I1  
T Indicate room(s) where samples are collected: AV - Missing  
V q10c5r  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and Stage=3) and any(AV\_MIS,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,3,6)) and AV\_MIS=0

Q PV\_MR 1 754 I1  
T Indicate room(s) where samples are collected: PV - MR  
V q10c6a  
Y 1 Checked  
Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''  
L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_MR,0,1)  
L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_MR=0)

Q PV\_LR 1 755 I1  
T Indicate room(s) where samples are collected: PV - LR  
V q10c6b  
Y 1 Checked  
Y 0 No  
P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''  
L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_LR,0,1)  
L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_LR=0)

Q PV\_FR 1 756 I1  
T Indicate room(s) where samples are collected: PV - FR  
V q10c6c  
Y 1 Checked  
Y 0 No  
P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''  
L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_FR,0,1)  
L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_FR=0)

Q PV\_KA 1 757 I1  
T Indicate room(s) where samples are collected: PV - KA  
V q10c6d  
Y 1 Checked  
Y 0 No  
P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''  
L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_KA,0,1)  
L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_KA=0)

Q PV\_B01 1 758 I1  
T Indicate room(s) where samples are collected: PV - B01  
V q10c6e  
Y 1 Checked  
Y 0 No  
P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''  
L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_B01,0,1)  
L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_B01=0)

Q PV\_B02 1 759 I1  
T Indicate room(s) where samples are collected: PV - B02  
V q10c6f

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_B02,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_B02=0)

Q PV\_B03 1 760 I1

T Indicate room(s) where samples are collected: PV - B03

V q10c6g

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_B03,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_B03=0)

Q PV\_B04 1 761 I1

T Indicate room(s) where samples are collected: PV - B04

V q10c6h

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_B04,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_B04=0)

Q PV\_OR1 1 762 I1

T Indicate room(s) where samples are collected: PV - OR1

V q10c6i

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_OR1,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_OR1=0)

Q PV\_OR2 1 763 I1

T Indicate room(s) where samples are collected: PV - OR2

V q10c6j

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_OR2,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_OR2=0)

Q PV\_OR3 1 764 I1

T Indicate room(s) where samples are collected: PV - OR3

V q10c6k

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_OR3,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_OR3=0)

Q PV\_OR4 1 765 I1

T Indicate room(s) where samples are collected: PV - OR4

V q10c6l

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_OR4,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_OR4=0)

Q PV\_OR5 1 766 I1

T Indicate room(s) where samples are collected: PV - OR5

V q10c6m

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_OR5,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_OR5=0)

Q PV\_OR6 1 767 I1

T Indicate room(s) where samples are collected: PV - OR6

Y 1 Checked

V q10c6n

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_OR6,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_OR6=0)

Q PV\_AMB 1 768 I1

T Indicate room(s) where samples are collected: PV - AMB

V q10c6o

Y 1 Checked

Y 0 No

P PV\_REF (F1.0) '', PV\_NA (F1.0) '', PV\_MIS (F1.0) ''

L X (PV\_REF=0 and PV\_NA=0 and PV\_MIS=0) and any(PV\_AMB,0,1)

L X ((PV\_REF=1 or PV\_NA=1 or PV\_MIS=1) and PV\_AMB=0)

Q PV\_REF 1 769 I1

T Indicate room(s) where samples are collected: PV - Refused

V q10c6p

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and any(Stage,3,4)) and any(PV\_REF,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and PV\_REF=0

Q PV\_NA 1 770 I1

T Indicate room(s) where samples are collected: PV - Non Applicable

V q10c6q

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (Formstat=01 and any(Stage,3,4)) and PV\_NA=0  
L X (Formstat=03 and any(Stage,3,4)) and any(PV\_NA,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and PV\_NA=1

Q PV\_MIS 1 771 I1  
T Indicate room(s) where samples are collected: PV - Missing  
V q10c6r  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,03) and any(Stage,3,4)) and any(PV\_MIS,0,1)  
L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and PV\_MIS=0

Q HCHO\_MR 1 772 I1  
T Indicate room(s) where samples are collected: HCHO - MR  
V q10c7a  
Y 1 Checked  
Y 0 No  
P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_MR,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_MR=0)

Q HCHO\_LR 1 773 I1  
T Indicate room(s) where samples are collected: HCHO - LR  
V q10c7b  
Y 1 Checked  
Y 0 No  
P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_LR,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_LR=0)

Q HCHO\_FR 1 774 I1  
T Indicate room(s) where samples are collected: HCHO - FR  
V q10c7c  
Y 1 Checked  
Y 0 No  
P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_FR,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_FR=0)

Q HCHO\_KA 1 775 I1  
T Indicate room(s) where samples are collected: HCHO - KA  
V q10c7d  
Y 1 Checked  
Y 0 No  
P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_KA,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_KA=0)

Q HCHO\_B01 1 776 I1  
T Indicate room(s) where samples are collected: HCHO - BO1

V q10c7e  
Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_B01,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_B01=0)

Q HCHO\_B02 1 777 I1

T Indicate room(s) where samples are collected: HCHO - BO2

V q10c7f

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_B02,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_B02=0)

Q HCHO\_B03 1 778 I1

T Indicate room(s) where samples are collected: HCHO - B03

V q10c7g

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_B03,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_B03=0)

Q HCHO\_B04 1 779 I1

T Indicate room(s) where samples are collected: HCHO - BO4

V q10c7h

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_B04,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_B04=0)

Q HCHO\_OR1 1 780 I1

T Indicate room(s) where samples are collected: HCHO - OR1

V q10c7i

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_OR1,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_OR1=0)

Q HCHO\_OR2 1 781 I1

T Indicate room(s) where samples are collected: HCHO - OR2

V q10c7j

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''  
L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_OR2,0,1)  
L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_OR2=0)

Q HCHO\_OR3 1 782 I1

T Indicate room(s) where samples are collected: HCHO - OR3

V q10c7k

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''

L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_OR3,0,1)

L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_OR3=0)

Q HCHO\_OR4 1 783 I1

T Indicate room(s) where samples are collected: HCHO - OR4

V q10c7l

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''

L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_OR4,0,1)

L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_OR4=0)

Q HCHO\_OR5 1 784 I1

T Indicate room(s) where samples are collected: HCHO - OR5

V q10c7m

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''

L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_OR5,0,1)

L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_OR5=0)

Q HCHO\_OR6 1 785 I1

T Indicate room(s) where samples are collected: HCHO - OR6

V q10c7n

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''

L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_OR6,0,1)

L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_OR6=0)

Q HCHO\_AMB 1 786 I1

T Indicate room(s) where samples are collected: HCHO - AMB

V q10c7o

Y 1 Checked

Y 0 No

P HCHO\_REF (F1.0) '', HCHO\_NA (F1.0) '', HCHO\_MIS (F1.0) ''

L X (HCHO\_REF=0 and HCHO\_NA=0 and HCHO\_MIS=0) and any(HCHO\_AMB,0,1)

L X ((HCHO\_REF=1 or HCHO\_NA=1 or HCHO\_MIS=1) and HCHO\_AMB=0)

Q HCHO\_REF 1 787 I1

T Indicate room(s) where samples are collected: HCHO - Refused

V q10c7p

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and any(Stage,3,4)) and any(HCHO\_REF,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and HCHO\_REF=0

Q HCHO\_NA 1 788 I1

T Indicate room(s) where samples are collected: HCHO - Non Applicable

V q10c7q

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (Formstat=01 and any(Stage,3,4)) and HCHO\_NA=0

L X (Formstat=03 and any(Stage,3,4)) and any(HCHO\_NA,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and HCHO\_NA=1

Q HCHO\_MIS 1 789 I1

T Indicate room(s) where samples are collected: HCHO - Missing

V q10c7r

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,03) and any(Stage,3,4)) and any(HCHO\_MIS,0,1)

L X (any(Formstat,02,05,09) or any(Stage,1,2,6)) and HCHO\_MIS=0

Q OTHA\_MR 1 790 I1

T Indicate room(s) where samples are collected: OTHA - MR

V q10c8a

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_MR,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_MR=0)

Q OTHA\_LR 1 791 I1

T Indicate room(s) where samples are collected: OTHA - LR

V q10c8b

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_LR,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_LR=0)

Q OTHA\_FR 1 792 I1

T Indicate room(s) where samples are collected: OTHA - FR

V q10c8c

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_FR,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_FR=0)

Q OTHA\_KA 1 793 I1

T Indicate room(s) where samples are collected: OTHA - KA

V q10c8d

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_KA,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_KA=0)

Q OTHA\_B01 1 794 I1

T Indicate room(s) where samples are collected: OTHA - B01

V q10c8e

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_B01,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_B01=0)

Q OTHA\_B02 1 795 I1

T Indicate room(s) where samples are collected: OTHA - B02

V q10c8f

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_B02,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_B02=0)

Q OTHA\_B03 1 796 I1

T Indicate room(s) where samples are collected: OTHA - B03

V q10c8g

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_B03,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_B03=0)

Q OTHA\_B04 1 797 I1

T Indicate room(s) where samples are collected: OTHA - B04

V q10c8h

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_B04,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_B04=0)

Q OTHA\_OR1 1 798 I1

T Indicate room(s) where samples are collected: OTHA - OR1

V q10c8i

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_OR1,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_OR1=0)

Q OTHA\_OR2 1 799 II

T Indicate room(s) where samples are collected: OTHA - OR2

V q10c8j

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_OR2,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_OR2=0)

Q OTHA\_OR3 1 800 II

T Indicate room(s) where samples are collected: OTHA - OR3

V q10c8k

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_OR3,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_OR3=0)

Q OTHA\_OR4 1 801 II

T Indicate room(s) where samples are collected: OTHA - OR4

V q10c8l

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_OR4,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_OR4=0)

Q OTHA\_OR5 1 802 II

T Indicate room(s) where samples are collected: OTHA - OR5

V q10c8m

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_OR5,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_OR5=0)

Q OTHA\_OR6 1 803 II

T Indicate room(s) where samples are collected: OTHA - OR6

V q10c8n

Y 1 Checked

Y 0 No

P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''

L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_OR6,0,1)

L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_OR6=0)

Q OTHA\_AMB 1 804 II

T Indicate room(s) where samples are collected: OTHA - AMB

V q10c8o

Y 1 Checked

Y 0 No  
P OTHA\_REF (F1.0) '', OTHA\_NA (F1.0) '', OTHA\_MIS (F1.0) ''  
L X (OTHA\_REF=0 and OTHA\_NA=0 and OTHA\_MIS=0) and any(OTHA\_AMB,0,1)  
L X ((OTHA\_REF=1 or OTHA\_NA=1 or OTHA\_MIS=1) and OTHA\_AMB=0)

Q OTHA\_REF 1 805 I1  
T Indicate room(s) where samples are collected: OTHA - Refused  
V q10c8p  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,02,03,05,09) and any(OTHA\_REF,0,1))

Q OTHA\_NA 1 806 I1  
T Indicate room(s) where samples are collected: OTHA - Non Applicable  
V q10c8q  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,02,03,05,09) and any(OTHA\_NA,0,1))

Q OTHA\_MIS 1 807 I1  
T Indicate room(s) where samples are collected: OTHA - Missing  
V q10c8r  
Y 1 Checked  
Y 0 No  
P Formstat (F2.0) '', Stage (F1.0) ''  
L X (any(Formstat,01,02,03,05,09) and any(OTHA\_MIS,0,1))

Q OTHB\_MR 1 808 I1  
T Indicate room(s) where samples are collected: OTHB - MR  
V q10c9a  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_MR,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_MR=0)

Q OTHB\_LR 1 809 I1  
T Indicate room(s) where samples are collected: OTHB - LR  
V q10c9b  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_LR,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_LR=0)

Q OTHB\_FR 1 810 I1  
T Indicate room(s) where samples are collected: OTHB - FR  
V q10c9c  
Y 1 Checked

Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_FR,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_FR=0)

Q OTHB\_KA 1 811 II  
T Indicate room(s) where samples are collected: OTHB - KA  
V q10c9d  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_KA,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_KA=0)

Q OTHB\_B01 1 812 II  
T Indicate room(s) where samples are collected: OTHB - B01  
V q10c9e  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_B01,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_B01=0)

Q OTHB\_B02 1 813 II  
T Indicate room(s) where samples are collected: OTHB - B02  
V q10c9f  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_B02,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_B02=0)

Q OTHB\_B03 1 814 II  
T Indicate room(s) where samples are collected: OTHB - B03  
V q10c9g  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_B03,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_B03=0)

Q OTHB\_B04 1 815 II  
T Indicate room(s) where samples are collected: OTHB - B04  
V q10c9h  
Y 1 Checked  
Y 0 No  
P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''  
L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_B04,0,1)  
L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_B04=0)

Q OTHB\_OR1 1 816 II

T Indicate room(s) where samples are collected: OTHB - OR1

V q10c9i

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_OR1,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_OR1=0)

Q OTHB\_OR2 1 817 II

T Indicate room(s) where samples are collected: OTHB - OR2

V q10c9j

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_OR2,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_OR2=0)

Q OTHB\_OR3 1 818 II

T Indicate room(s) where samples are collected: OTHB - OR3

V q10c9k

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_OR3,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_OR3=0)

Q OTHB\_OR4 1 819 II

T Indicate room(s) where samples are collected: OTHB - OR4

V q10c9l

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_OR4,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_OR4=0)

Q OTHB\_OR5 1 820 II

T Indicate room(s) where samples are collected: OTHB - OR5

V q10c9m

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_OR5,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_OR5=0)

Q OTHB\_OR6 1 821 II

T Indicate room(s) where samples are collected: OTHB - OR6

V q10c9n

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_OR6,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_OR6=0)

Q OTHB\_AMB 1 822 I1

T Indicate room(s) where samples are collected: OTHB - AMB

V q10c9o

Y 1 Checked

Y 0 No

P OTHB\_REF (F1.0) '', OTHB\_NA (F1.0) '', OTHB\_MIS (F1.0) ''

L X (OTHB\_REF=0 and OTHB\_NA=0 and OTHB\_MIS=0) and any(OTHB\_AMB,0,1)

L X ((OTHB\_REF=1 or OTHB\_NA=1 or OTHB\_MIS=1) and OTHB\_AMB=0)

Q OTHB\_REF 1 823 I1

T Indicate room(s) where samples are collected: OTHB - Refused

V q10c9p

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,02,03,05,09) and any(OTHB\_REF,0,1))

Q OTHB\_NA 1 824 I1

T Indicate room(s) where samples are collected: OTHB - Non Applicable

V q10c9q

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,02,03,05,09) and any(OTHB\_NA,0,1))

Q OTHB\_MIS 1 825 I1

T Indicate room(s) where samples are collected: OTHB - Missing

V q10c9r

Y 1 Checked

Y 0 No

P Formstat (F2.0) '', Stage (F1.0) ''

L X (any(Formstat,01,02,03,05,09) and any(OTHB\_MIS,0,1))

Q PA\_IRN 1 826 I2

T Personal Air: [] N/A or IRN#

V q10d

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)

Q OR1\_code 1 828 I2

T If applicable, write names of any other rooms on lines below: other room 1

V q10c1

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

L X (PM\_OR1=0 and CD\_OR1=0 and SD\_OR1=0 and PID\_OR1=0 and

+ C AV\_OR1=0 and PV\_OR1=0 and HCHO\_OR1=0 and OTHA\_OR1=0 and  
+ F OTHB\_OR1=0) and (OR1\_code=-8 or range(OR1\_code,01,50))  
L X (PM\_OR1=1 or CD\_OR1=1 or SD\_OR1=1 or PID\_OR1=1 or  
+ C AV\_OR1=1 or PV\_OR1=1 or HCHO\_OR1=1 or OTHA\_OR1=1 or  
+ F OTHB\_OR1=1) and (range(OR1\_code,01,50) or any(OR1\_code,-5,-9))

Q OR2\_code 1 830 I2

T If applicable, write names of any other rooms on lines below: other room 2

V q10c2

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

L X (PM\_OR2=0 and CD\_OR2=0 and SD\_OR2=0 and PID\_OR2=0 and  
+ C AV\_OR2=0 and PV\_OR2=0 and HCHO\_OR2=0 and OTHA\_OR2=0 and  
+ F OTHB\_OR2=0) and (OR2\_code=-8 or range(OR2\_code,01,50))  
L X (PM\_OR2=1 or CD\_OR2=1 or SD\_OR2=1 or PID\_OR2=1 or  
+ C AV\_OR2=1 or PV\_OR2=1 or HCHO\_OR2=1 or OTHA\_OR2=1 or  
+ F OTHB\_OR2=1) and (range(OR2\_code,01,50) or any(OR2\_code,-5,-9))

Q OR3\_code 1 832 I2

T If applicable, write names of any other rooms on lines below: other room 3

V q10c3

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

L X (PM\_OR3=0 and CD\_OR3=0 and SD\_OR3=0 and PID\_OR3=0 and  
+ C AV\_OR3=0 and PV\_OR3=0 and HCHO\_OR3=0 and OTHA\_OR3=0 and  
+ F OTHB\_OR3=0) and (OR3\_code=-8 or range(OR3\_code,01,50))  
L X (PM\_OR3=1 or CD\_OR3=1 or SD\_OR3=1 or PID\_OR3=1 or  
+ C AV\_OR3=1 or PV\_OR3=1 or HCHO\_OR3=1 or OTHA\_OR3=1 or  
+ F OTHB\_OR3=1) and (range(OR3\_code,01,50) or any(OR3\_code,-5,-9))

Q OR4\_code 1 834 I2

T If applicable, write names of any other rooms on lines below: other room 4

V q10c4

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

L X (PM\_OR4=0 and CD\_OR4=0 and SD\_OR4=0 and PID\_OR4=0 and  
+ C AV\_OR4=0 and PV\_OR4=0 and HCHO\_OR4=0 and OTHA\_OR4=0 and  
+ F OTHB\_OR4=0) and (OR4\_code=-8 or range(OR4\_code,01,50))  
L X (PM\_OR4=1 or CD\_OR4=1 or SD\_OR4=1 or PID\_OR4=1 or  
+ C AV\_OR4=1 or PV\_OR4=1 or HCHO\_OR4=1 or OTHA\_OR4=1 or  
+ F OTHB\_OR4=1) and (range(OR4\_code,01,50) or any(OR4\_code,-5,-9))

Q OR5\_code 1 836 I2

T If applicable, write names of any other rooms on lines below: other room 5

V q10c5

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

L X (PM\_OR5=0 and CD\_OR5=0 and SD\_OR5=0 and PID\_OR5=0 and  
+ C AV\_OR5=0 and PV\_OR5=0 and HCHO\_OR5=0 and OTHA\_OR5=0 and  
+ F OTHB\_OR5=0) and (OR5\_code=-8 or range(OR5\_code,01,50))  
L X (PM\_OR5=1 or CD\_OR5=1 or SD\_OR5=1 or PID\_OR5=1 or  
+ C AV\_OR5=1 or PV\_OR5=1 or HCHO\_OR5=1 or OTHA\_OR5=1 or  
+ F OTHB\_OR5=1) and (range(OR5\_code,01,50) or any(OR5\_code,-5,-9))

Q OR6\_code 1 838 I2

T If applicable, write names of any other rooms on lines below: other room 6

V q10c6

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,50)

L X (PM\_OR6=0 and CD\_OR6=0 and SD\_OR6=0 and PID\_OR6=0 and  
+ C AV\_OR6=0 and PV\_OR6=0 and HCHO\_OR6=0 and OTHA\_OR6=0 and  
+ F OTHB\_OR6=0) and (OR6\_code=-8 or range(OR6\_code,01,50))  
L X (PM\_OR6=1 or CD\_OR6=1 or SD\_OR6=1 or PID\_OR6=1 or  
+ C AV\_OR6=1 or PV\_OR6=1 or HCHO\_OR6=1 or OTHA\_OR6=1 or  
+ F OTHB\_OR6=1) and (range(OR6\_code,01,50) or any(OR6\_code,-5,-9))

Q O\_sampA 1 840 I2

T O. Samp A:

V q10c7

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)

P OTHA\_NA (F1.0) ''

L X (OTHA\_NA=0 and (range(O\_sampA,01,10) or any(O\_sampA,-5,-9)))

L X (OTHA\_NA=1 and O\_sampA=-8)

Q O\_sampB 1 842 I2

T O. Samp B:

V q10c8

Y -5 Refused

Y -8 Not Applicable

Y -9 Missing

R (01,10)

P OTHB\_NA (F1.0) ''

L X (OTHB\_NA=0 and (range(O\_sampB,01,10) or any(O\_sampB,-5,-9)))

L X (OTHB\_NA=1 and O\_sampB=-8)

## Appendix C: Technician Dictionary (Pages 7-8)

\* Logic reviewed by Mary Kay on 05/07/96

\* Last updated by Jared on 06/25/97

K HHID (F6.0) '', HHIDFS (A1) '', Evndt\_m (F2.0) '', Evndt\_d (F2.0) '', Evndt\_y (F2.0) '', Location (F2.0) ''

Q HHID 1 1 I6  
T Household Identification

Q HHIDFS 1 7 A1  
Y 'A' First Schism

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

\*Q Evndate 1 8 A8

\* T Administration Date

Q Evndt\_m 1 8 I2  
T Administration Date, Month  
R (01,12)

Q Evndt\_d 1 11 I2  
T Administration Date, Day  
R (01,31)

Q Evndt\_y 1 14 I2  
T Administration Date, Year  
R (95,99)

Q Location 1 16 I2  
T Room Location Code  
V q11  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,50)  
P Carpet (F3.0) '', Hardsurf (F3.0) ''  
L X (range(Location,01,50) or any(Location,-5,-9)) and  
+ F (not(Carpet=088) or not(Hardsurf=088))  
L X (Location=-8 and (Carpet=088 and Hardsurf=088))

Q Carpet 1 18 I3  
T Floor Surface: Carpeted  
V q11a  
Y 001 Loop  
Y 002 Shag  
Y 003 Cut/Pile  
Y 004 Loop/Cut  
Y 005 Other:  
Y 055 Refused

Y 088 No  
Y 099 Missing  
P Location (F2.0) ''  
L X (range(Location,01,50) or any(Location,-5,-9)) and  
+ F any(Carpet,001,002,003,004,005,055,088,099)  
L X (Location=-8 and Carpet=088)

Q Carp\_oth 1 21 I2  
T Floor Surface: Carpeted Other - Specified  
V q11ao  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
P Carpet (F3.0) ''  
R (01,10)  
L X (any(Carpet,001,002,003,004,055,088,099) and Carp\_oth=-8)  
L X (Carpet=005 and (range(Carp\_oth,01,10) or any(Carp\_oth,-5,-9)))

Q Hardsurf 1 23 I3  
T Floor Surface: Hard Surface  
V q11b  
Y 001 Concrete  
Y 002 Brick  
Y 003 Wood  
Y 004 Tile  
Y 005 Other:  
Y 055 Refused  
Y 088 No  
Y 099 Missing  
P Location (F2.0) ''  
L X (range(Location,01,50) or any(Location,-5,-9)) and  
+ F any(Hardsurf,001,002,003,004,005,055,088,099)  
L X (Location=-8 and Hardsurf=088)

Q Hard\_oth 1 26 I2  
T Floor Surface: Hard Other - Specified  
V q11bo  
P Hardsurf (F3.0) ''  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,10)  
L X (any(Hardsurf,001,002,003,004,055,088,099) and Hard\_oth=-8)  
L X (Hardsurf=005 and (range(Hard\_oth,01,10) or any(Hard\_oth,-5,-9)))

- \* The following date has been split up into Month, Day, Year format
- \* Q Carpdate 1 28 A8
- \* T Last date of Carpet Cleaning

Q Carp\_m 1 28 I2  
T Last date of Carpet Cleaning: Month  
V q11c1

Y -5 Refused  
 Y -8 Not Applicable  
 Y -9 Missing  
 R (01,12)

P Carpet (F3.0) '', Carpmeth (F2.0) ''  
 L X (Carpet=088 or Carpmeth=10) and Carp\_m=-8  
 L X (range(Carpet,001,005) or any(Carpet,055,099) and  
 + F (range(Carp\_m,01,12) or any(Carp\_m,-5,-9)))

Q Carp\_d 1 31 I2  
 T Last date of Carpet Cleaning: Day

V q11c2  
 Y -5 Refused  
 Y -8 Not Applicable  
 Y -9 Missing  
 R (01,31)

P Carpet (F3.0) '', Carpmeth (F2.0) ''  
 L X (Carpet=088 or Carpmeth=10) and Carp\_d=-8  
 L X (range(Carpet,001,005) or any(Carpet,055,099) and  
 + F (range(Carp\_d,01,31) or any(Carp\_d,-5,-9)))

Q Carp\_y 1 34 I2  
 T Last date of Carpet Cleaning: Year

V q11c3  
 Y -5 Refused  
 Y -8 Not Applicable  
 Y -9 Missing  
 R (80,99)  
 P Carpet (F3.0) '', Carpmeth (F2.0) ''  
 L X (Carpet=088 or Carpmeth=10) and Carp\_y=-8  
 L X (range(Carpet,001,005) or any(Carpet,055,099) and  
 + F (range(Carp\_y,80,99) or any(Carp\_y,-5,-9)))

Q Carpmeth 1 36 I2  
 T Last method of Carpet Cleaning  
 V q11co  
 Y -5 Refused  
 Y -8 Not Applicable  
 Y -9 Missing  
 R (01,99)  
 P Carp\_m (F2.0) ''  
 L X (range(Carp\_m,01,12) or any(Carp\_m,-5,-9)) and  
 + F (range(Carpmeth,01,99) or any(Carpmeth,-5,-9))  
 L X (Carp\_m=-8 and any(Carpmeth,-8,10))

- \* The following date has been split up into Month, Day, Year format
- \* Q Harddate 1 38 A8
- \* T Last date of Routine Hard Surface Cleaning

Q Hard\_m 1 38 I2  
 T Last date of Carpet Cleaning: Month  
 V q11d1

Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,12)  
P Hardsurf (F3.0) '', Hardmeth (F2.0) ''  
L X (Hardsurf=088 or Hardmeth=10) and Hard\_m=-8  
L X (range(Hardsurf,001,005) or any(Hardsurf,055,099) and  
+ F (range(Hard\_m,01,12) or any(Hard\_m,-5,-9)))

Q Hard\_d 1 41 I2  
T Last date of Carpet Cleaning: Day  
V q11d2  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,31)  
P Hardsurf (F3.0) '', Hardmeth (F2.0) ''  
L X (Hardsurf=088 or Hardmeth=10) and Hard\_d=-8  
L X (range(Hardsurf,001,005) or any(Hardsurf,055,099) and  
+ F (range(Hard\_d,01,31) or any(Hard\_d,-5,-9)))

Q Hard\_y 1 44 I2  
T Last date of Carpet Cleaning: Year  
V q11d3  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (80,99)  
P Hardsurf (F3.0) '', Hardmeth (F2.0) ''  
L X (Hardsurf=088 or Hardmeth=10) and Hard\_y=-8  
L X (range(Hardsurf,001,005) or any(Hardsurf,055,099) and  
+ F (range(Hard\_y,80,99) or any(Hard\_y,-5,-9)))

Q Hardmeth 1 46 I2  
T Last method of Routine Hard Surface Cleaning  
V q11do  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,99)  
P Hard\_m (F2.0) ''  
L X (range(Hard\_m,01,12) or any(Hard\_m,-5,-9)) and  
+ F (range(Hardmeth,01,99) or any(Hardmeth,-5,-9))  
L X (Hard\_m=-8 and any(Hardmeth,-8,10))

\* A missing value "9" can be added during cleaning if the subject has a carpet  
\* but has NOT indicated if Scotch Gaurd was used.

\* To save time it was decided on 01/24/97 to make the change from N/A '8'  
\* to Missing '9' at a later time. Thus the subject could have carpet and  
\* Scotch Gaurd can be N/A.

Q Scotchgd 1 48 A1  
T Scotch Guard Applied?  
V q11e  
Y Y Yes  
Y N No  
Y 8 Non-Applicable  
Y 9 Missing (Must be added during cleaning process)  
P Carpet (F3.0) ''  
L X (range(Carpet,001,055) or any(Carpet,055,099)) and any(Scotchgd,'Y','N','8','9')  
L X (Carpet=088 and Scotchgd='8')  
L X (Carpet=099 and Scotchgd='8')

Q IRN\_flor 1 49 I2  
T Does anyone frequently occupy the floor of this room (crawling, sleeping, playing, sitting)?  
V q11f  
Y -5 Refused  
Y -8 Not Applicable  
Y -9 Missing  
R (01,13)  
P Location (F2.0) ''  
L X (Location=-8 and IRN\_flor=-8)  
L X (range(Location,01,99) or any(Location,-5,-9)) and  
+ F (range(IRN\_flor,01,13) or any(Irn\_flor,-5,-8,-9))