

SECTION RS: ENVIRONMENTAL EXPOSURES/ RESIDENTIAL HISTORY

Next I will ask about some of your residences. For each of these residences there will be questions about the household and the neighborhood where it is located.

RS1. Do you live in one residence year-round, or do you have a second residence where you spend at least two months per year?	ONE RESIDENCE 1 HAVE SECOND RESIDENCE..... 2
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<FILL “primary” and “that is...” IF RS1 = 2 (R HAS SECOND RESIDENCE)>

RS2. What is the full street address of your [<i>current/primary</i>] residence [, <i>that is, where you live most of the year</i>]? (Please provide as much information as you can.) [READ ADDRESS BACK TO R AND VERIFY SPELLING.] [ENTER “NA” FOR COUNTY IF THERE IS NO COUNTY TO REPORT.] [IF R OFFERS A PO BOX OR RFD (RURAL FREE DELIVERY) NUMBER, PROBE: “Can you please tell me your street address, that is, where your home is physically located?”] [IF R SAYS SHE ONLY HAS A PO BOX OR RURAL ROUTE, PROBE: “Do you know your 911 address?”]	STREET #
	STREET NAME
	APARTMENT #
	CITY/TOWN
	STATE ZIP
	COUNTY [<i>PARISH</i>]

RS2x1. Thinking about the street your house is on, how many lanes does this road have in total? [DO NOT READ CATEGORIES.]	1..... [RS2x3] 01 2..... 02 3..... 03 4..... 04 5..... 05 6..... 06 7..... 07 8..... 08 9..... 09 10 OR MORE..... 10
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RS2x2. Is this road divided by a median or barrier of any kind?	YES 1 NO 2
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RS2x3. How would you describe the traffic on this road during rush hour? Would you say that it is... [IF R SAYS THERE IS NO TRAFFIC AT ALL, RECORD AS “VERY LIGHT”.]	very light 1 light 2 moderate..... 3 heavy 4 very heavy 5
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RS3. Please tell me the name of the nearest cross-street or road that intersects with the street where you live. [READ BACK TO R AND VERIFY SPELLING.]	CROSS STREET NAME
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RS3a. About how far away is your residence from this intersection?
Would you say it is...

1 = less than 1 city block
2 = 1 to 4 city blocks
3 = 5 to 16 city blocks
4 = more than 16 city blocks
(1 mile = 16 city blocks)

within 100 feet [RS3a1] 1
more than 100 feet, but less than a
quarter mile [RS3x1] 2
between a quarter mile and one
mile [RS3x1] 3
more than one mile. 4
RS3asp. SPECIFY #MILES:

MILES

<GO TO RS3x1>

REF [RS3x1] 7
DK [RS3x1] 8

RS3a1. Thinking about the road that intersects with the street
you live on, how many lanes does this road have in total?
[DO NOT READ CATEGORIES.]

1 [RS3a3] 01
2 02
3 03
4 04
5 05
6 06
7 07
8 08
9 09
10 OR MORE 10

RS3a2. Is this road divided by a median or barrier of any kind?

YES 1
NO 2

RS3a3. How would you describe the traffic on this road
during rush hour? Would you say that it is...
[IF R SAYS THERE IS NO TRAFFIC AT ALL,
RECORD AS "VERY LIGHT".]

very light 1
light 2
moderate 3
heavy 4
very heavy 5

RS3x1. Aside from the roads that you just told me about,
is your residence within two miles of a heavily
traveled road?

YES 1
NO [*] 2

<* IF RS3 = DK, GO TO RS4; IF RS3 = RESPONSE OR RF, SKIP TO RS6>

RS3x2. Is this road within a quarter mile of your
residence?

YES [RS3x4] 1
NO 2

RS3x3. Is it within one mile of your residence?

YES 1
NO 2

RS3x4. How many lanes does this road have in total?
[DO NOT READ CATEGORIES.]

1 01
2 02
3 03
4 04
5 05
6 06
7 07
8 08
9 09
10 OR MORE 10

<ASK RS4-RS5 ONLY IF RS3 = DK; ELSE, GO TO RS6.>

RS4. What is the nearest landmark to this residence that you can recall?
[READ BACK TO R AND VERIFY SPELLING.]

LANDMARK
REF [RS6] 7
DK..... [RS6] 8

RS5. About how far away is your residence from this landmark? Would you say it is...

within a quarter mile [RS6] 1
between a quarter mile and
one mile..... [RS6] 2
more than one mile..... 3
RS5sp. SPECIFY #MILES:
MILES

1 = 1 to 4 city blocks
2 = 5 to 16 city blocks
3 = more than 16 city blocks
(1 mile = 16 city blocks)

RS6. What year did you start living at this residence? [IF R OFFERS LENGTH OF TIME SHE HAS LIVED AT RESIDENCE ENTER "DON'T KNOW" AND RECORD YEARS AND MONTHS IN NEXT QUESTION.]

YEAR

REF [RS8] 7
DK..... [RS8] 8

<ASK ONLY IF RS6 = CURRENT YEAR OR CURRENT YEAR - 1; ELSE GO TO RS9>

RS7. How many months have you been living at this residence? [IF LESS THAN ONE MONTH, ENTER "00"]

MONTHS

<GO TO RS9>

<ASK ONLY IF RS6 = DK>

RS8. How many years and/or months have you been living at this residence?

YEARS MONTHS

RS9. Is this residence the one where you have lived the longest since the age of 20?

YES 1
NO..... 2

<IF RS7 <12 MONTHS, GO TO RS15>

RS10. Since you began living at this residence, have there been any periods of time when you did not live there for three or more months in a row? (Due to extended travel, for example.)

YES 1
NO..... [RS15] 2
REF [RS15] 7
DK..... [RS15] 8

RS11. Thinking about all those times, about how many years and/or months in total were you away from this residence?

.
YEARS MONTHS

<BEGIN REPEATING RECORD>

<IF RS11 >12 MONTHS, ASK RS12-RS14; ELSE, GO TO RS15>

RS12. <FIRST OCCURRENCE:> Did any of the times you were away from this residence last 12 months or longer?
<ALL OTHER OCCURRENCES:> Were there any other times you were away from this residence for 12 months or longer?

YES 1
NO..... [RS15] 2

RS13. What year did you [*first/next*] move out of this residence for at least 12 months?

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YEAR

RS14. What year did you move back in? [IF R OFFERS LENGTH OF TIME SHE WAS AWAY FROM RESIDENCE, ENTER "DON'T KNOW" AND RECORD YEARS AND MONTHS IN NEXT QUESTION.]

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YEAR

<ASK ONLY IF RS13 = DK OR RS14 = DK; ELSE GO TO RS12>

RS14a. How many years and/or months were you away from the residence this time?

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YEARS MONTHS

<END REPEATING RECORD>

RS15. Is your current residence on an active farm or orchard? [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.]

YES [RS18] 1
 NO 2

RS16. Has this property ever been used as a farm or orchard for any of the time you have been living there? [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.]

YES [RS18] 1
 NO 2

RS17. To the best of your knowledge, was this property used as a farm or orchard within 20 years before you began living there? [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.]

YES 1
 NO 2

RS18. Is this residence located in an urban, suburban, small town, or rural area?

URBAN 1
 SUBURBAN 2
 SMALL TOWN 3
 RURAL 4
 OTHER 5

RS19. Which of the following best describes this residence?

single family house 01
 duplex, or multi-family house 02
 townhouse, row house, apartment, or condominium building with up to four stories 03
 apartment or condominium building with five or more stories 04
 mobile home or trailer 05
 a room in an institution, such as a nursing home 06
 another kind of residence 07

RS20. In what decade was this residence built? BEFORE 1950 01
 1950s 02
 1960s 03
 1970s 04
 1980s 05
 1990s 06
 SINCE 2000 07

RS21. What is your personal main source of drinking water at this residence? Is it... bottled water..... 01
 community well..... 02
 city or town water 03
 private well..... 04
 rain water or cistern..... 05
 river, lake, or pond water 06
 DON'T DRINK WATER .. [RS27] .. 08

<IF RS21 = 02, 03, OR 04, ASK:>

RS21a. Do you use a water filtering system? This does not include water-softening systems. YES 1
 NO 2

RS22. Was there ever a change in your main source of drinking water at this residence? YES 1
 NO [*] 2
 REF [*] 7
 DK [*] 8

<* IF RS21 = 04 GO TO RS24; ELSE GO TO RS26>

RS23. What was the main source of drinking water for most of the time you have been living at this residence? Was it... bottled water..... 01
 community well..... 02
 city or town water 03
 private well..... 04
 rain water or cistern..... 05
 river, lake, or pond water 06

<IF RS21 = RS23, DO NOT ASK RS23a>

<IF RS23 = 02, 03, OR 04, ASK:>

RS23a. Did you use a water filtering system? This does not include water-softening systems. YES 1
 NO 2

<ASK ONLY IF RS21 = 04 OR RS23 = 04; ELSE GO TO RS26>

<FILL IF RS21 = 04 AND RS23 = 01, 02, 03, 05, 06, OR 07>

RS24. Has the private well [*that you currently use for drinking water*] been there the whole time you have been living at this residence? YES [RS26] 1
 NO 2
 DK [RS26] 7
 REF [RS26] 8

RS25. What year was this well put in?

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YEAR

RS26. Do you also use [*WATER SOURCE FROM RS21*] for coffee, tea, frozen concentrated juices, or other beverages you make or mix with water? YES [RS28] 1
 NO 2
 NOT APPLICABLE [RS32] 6

RS27. What is the main source of water used at home for [these beverages/coffee, tea, frozen concentrated juices, and so forth]? Is it...

- bottled water..... 01
- community well..... 02
- city or town water 03
- private well..... 04
- rain water or cistern..... 05
- river, lake, or pond water 06
- DON'T DRINK THESE BEVERAGES[RS32]..... 08

<IF RS27 = 02, 03, OR 04, ASK:>

RS27a. Do you use a water filtering system? This does not include water-softening systems.

- YES 1
- NO 2

RS28. Was there ever a change in your main source of water used for these beverages at this residence? (coffee, tea, frozen concentrated juices, and so forth)?

- YES 1
- NO [*] 2
- REF [*] 7
- DK [*] 8

<* IF RS27 = 04 GO TO RS30; ELSE GO TO RS32>

RS29. What was the main source of water for these beverages (coffee, tea, frozen concentrated juices, and so forth) for most of the time you have been living at this residence? Was it...

- bottled water..... 01
- community well..... 02
- city or town water 03
- private well..... 04
- rain water or cistern..... 05
- river, lake, or pond water 06

<IF RS29 = RS21 OR 23 OR 27, DO NOT ASK RS29a>

<IF RS29 = 02, 03, OR 04, ASK:>

RS29a. Did you use a water filtering system? This does not include water-softening systems.

- YES 1
- NO 2

<IF RS24 OR RS25 ARE ANSWERED, GO TO RS32>

<ASK ONLY IF RS27 = 04 OR RS29 = 04; ELSE GO TO RS36>

<FILL IF RS27 = 04 AND RS29 = 01, 02, 03, 05, 06, OR 07>

RS30. Has the private well [that you currently use for these beverages] been there the whole time you have been living at this residence?

- YES [RS32] 1
- NO 2
- REF [RS32] 7
- DK [RS32] 8

RS31. What year was this well put in?

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YEAR

RS32. What is your main water source for showering and bathing? Is it...

- bottled water..... 01
- community well..... 02
- city or town water 03
- private well..... 04
- rain water or cistern..... 05
- river, lake, or pond water 06

RS32a. About how many minutes on average do you spend each time you take a shower or bath?

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MINUTES

RS32b. How many showers or baths do you take per day, per week, or per month, on average?

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TIMES

- PER DAY..... 1
- PER WEEK..... 2
- PER MONTH..... 3

RS33. Is there a fireplace or wood-burning stove inside this residence?

- YES..... 1
- NO..... [RS36] 2

RS34. About how many days per year do you use a fireplace and/or wood burning stove at this residence?
[IF LESS THAN YEARLY, ENTER AS "0"]

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DAYS PER YEAR

<IF RS34 = 0, GO TO RS36>

RS35. What kind of fuel do you burn in the fireplace and/or stove? Do you use...

- | | Y | N |
|--------------------------------------|---|---|
| a. wood..... | 1 | 2 |
| b. coal..... | 1 | 2 |
| c. natural gas or propane | 1 | 2 |
| d. artificial logs (like Duraflame). | 1 | 2 |
| e. other fuel | 1 | 2 |

RS36. What is the main source of heat at this residence? Is it...

- natural gas 01
 - electricity..... 02
 - fuel oil 03
 - kerosene 04
 - propane..... 05
 - coal 06
 - wood..... 07
 - solar..... 08
 - OTHER 99
- SPECIFY _____

RS37. What is the energy source for the cooking stove top or range top at this address? Is it...

- electricity..... 01
- gas or natural gas..... 02
- wood fire 03
- coal 04
- propane..... 05
- OTHER 06

<IF RS6 =CURRENT YEAR OR CURRENT YEAR – 1, THEN GO TO RS43>
<IF RS9 = NO AND R LIVED AT CURRENT ADDRESS <10 YEARS, GO TO RS43>

RS38. During the time you have been living there, was this residence ever treated regularly with insecticides or pesticides, either by you or someone else, to control insects, rodents, or other pests, either inside or around the foundation? [DO NOT INCLUDE THE OCCASIONAL SPOT USE OF CHEMICALS.]

- YES..... 1
- NO..... [RS43] 2
- REF [RS43] 7
- DK..... [RS43] 8

RS39. For what kinds of pests was this residence regularly treated? Was it treated for...

	Y	N
a. ants	1	2
b. cockroaches.....	1	2
c. bees or wasps.....	1	2
d. flies.....	1	2
e. spiders.....	1	2
f. mosquitoes	1	2
g. fleas or ticks, not on pets.....	1	2
h. termites.....	1	2
i. any other pests, such as moths, silverfish, caterpillars, mice, rats, gophers, or moles	1	2
SPECIFY: _____		

RS40. Altogether, how often were pest control chemicals applied, on average? Would you say...
[COMBINE FREQUENCY OF ALL APPLICATIONS OF ANY PRODUCTS USED.]

daily.....	1
weekly	2
monthly	3
every 2 or 3 months.....	4
once or twice a year	5

RS41. When the pest control chemicals were applied how often did you personally apply them? Would you say...

all the time.....	1
most of the time.....	2
about half of the time	3
some of the time	4
never.....	5

RS42. How many years in total did these regular pest control treatments occur?
[IF LESS THAN ONE YEAR, ENTER "00"]

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OF YEARS

<FILL "since you've lived there" IF RS6 = CURRENT YEAR OR CURRENT YEAR - 1>

RS43. Have any pest control chemicals been used at this residence even just once [*in the past 12 months/since you've lived there*], either inside or around the foundation?

YES.....	1
NO..... [RS47]	2
REF..... [RS47]	7
DK..... [RS47]	8

RS44. For what kinds of pests were pest control chemicals used at this residence [*in the past 12 months/since you've lived there*]? Was it...

	Y	N
a. ants	1	2
b. cockroaches.....	1	2
c. bees or wasps.....	1	2
d. flies.....	1	2
e. spiders.....	1	2
f. mosquitoes	1	2
g. fleas or ticks, not on pets.....	1	2
h. termites.....	1	2
i. any other pests, such as moths, silverfish, caterpillars, mice, rats, gophers, or moles	1	2
SPECIFY: _____		

RS45. Altogether, how often were the pest control chemicals applied [<i>in the past 12 months/ since you've lived there</i>]? Would you say... [COMBINE FREQUENCY OF ALL APPLICATIONS OF ANY PRODUCTS USED.]	daily..... 1 weekly 2 monthly 3 every 2 or 3 months..... 4 once or twice 5																														
RS46. When pest control chemicals were applied, how often did you <u>personally</u> apply them? Would you say...	all the time..... 1 most of the time..... 2 about half of the time 3 some of the time 4 never..... 5																														
RS47. Does this residence have a garden or yard that has been treated [<i>in the past 12 months/since you've lived there</i>], with weed killers or insecticides including those labeled organic, such as pyrethrum or rotenone?	YES 1 NO [RS51] 2 REF [RS51] 7 DK..... [RS51] 8																														
RS48. Which of the following products, including those labeled organic, were used on your garden or yard [<i>in the last 12 months/since you've lived there</i>]? <ONSCREEN INSTRUCTION FOR A:> [IF R SAYS "FERTILIZER", PROBE: "Did this fertilizer contain a weed killer?" IF YES, RECORD AS "YES".] <ONSCREEN INSTRUCTION FOR C:> [IF R SAYS "FERTILIZER", PROBE: "Did this fertilizer contain insecticides?" IF YES, RECORD AS "YES".] <ONSCREEN INSTRUCTION FOR I:> [IF R SAYS "FERTILIZER", PROBE: "Did this fertilizer contain a weed killer or insecticides?" IF YES, PROBE FOR PRODUCT, GO BACK AND CHANGE ITEM A OR C.]	<table border="0"> <thead> <tr> <th></th> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>a. weed killers applied broadly.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>b. occasional spot use of weed killers</td> <td>1</td> <td>2</td> </tr> <tr> <td>c. lawn insecticides</td> <td>1</td> <td>2</td> </tr> <tr> <td>d. chemicals to treat tree diseases.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>e. insecticides for tree infestations</td> <td>1</td> <td>2</td> </tr> <tr> <td>f. pesticides for fruit or vegetable garden.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>g. chemicals for outdoor plant diseases.....</td> <td>1</td> <td>2</td> </tr> <tr> <td>h. insecticides for outdoor plants .</td> <td>1</td> <td>2</td> </tr> <tr> <td>i. any other outdoor pesticides</td> <td>1</td> <td>2</td> </tr> </tbody> </table>		Y	N	a. weed killers applied broadly.....	1	2	b. occasional spot use of weed killers	1	2	c. lawn insecticides	1	2	d. chemicals to treat tree diseases.....	1	2	e. insecticides for tree infestations	1	2	f. pesticides for fruit or vegetable garden.....	1	2	g. chemicals for outdoor plant diseases.....	1	2	h. insecticides for outdoor plants .	1	2	i. any other outdoor pesticides	1	2
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RS49. Altogether, how often have these products been used on your garden or yard [<i>in the past 12 months/ since you've lived there</i>]? Would you say... [COMBINE FREQUENCY OF ALL APPLICATIONS OF ANY PRODUCTS USED.]	daily..... 1 weekly 2 monthly 3 every 2 or 3 months..... 4 once or twice a year 5																														
RS50. When these products were applied, how often did you <u>personally</u> apply them? Would you say...	all the time..... 1 most of the time..... 2 about half of the time 3 some of the time 4 never..... 5																														
<ASK ONLY IF RS50 = 2, 3, 4, OR 5; ELSE GO TO RS51>																															
RS50a. [<i>In the past 12 months/Since you've lived there</i>] have you used a professional lawn care service?	YES 1 NO 2																														

Now I'd like to ask about some different places that may be near your residence. Please include those places that are currently operating, as well as those that have shut down.

Is your residence <u>within two miles of</u> ...	Is [<i>ITEM</i>]...	Is the [<i>ITEM</i>] currently operating, or has it shut down?
<p>RS51. a power plant? YES..... 1 NO [RS54] 2</p> <p>RS51sp. What is the power or fuel source that generates electricity at this plant? Is it...</p> <p>coal 1 gas..... 2 petroleum or oil 3 water or hydropower. 4 nuclear power 5 wind 6 solar power 7 geothermal power 8</p>	<p>RS52.</p> <p>a. within a quarter mile of your residence Y.. [RS53] .1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	<p>RS53.</p> <p>OPERATING..... 1 SHUT DOWN ... 2</p>
<p>RS54. a bus station or truck depot YES..... 1 NO [RS57] 2</p>	<p>RS55.</p> <p>a. within a quarter mile of your residence Y.. [RS56] .1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	<p>RS56.</p> <p>OPERATING..... 1 SHUT DOWN ... 2</p>
<p>RS57. a gas station YES..... 1 NO [RS60] 2</p>	<p>RS58.</p> <p>a. within a quarter mile of your residence Y.. [RS59] .1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	<p>RS59.</p> <p>OPERATING..... 1 SHUT DOWN ... 2</p>
<p>RS60. a military base YES..... 1 NO [RS63] 2</p>	<p>RS61.</p> <p>a. within a quarter mile of your residence Y.. [RS62] .1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	<p>RS62.</p> <p>OPERATING..... 1 SHUT DOWN ... 2</p>

Is your residence <u>within two miles of...</u>	Is [ITEM]...	Is the [ITEM] currently operating, or has it shut down?
RS63. a dry cleaner YES..... 1 NO [RS66] 2 <IF RS63=YES, ASK:> RS63a. Is the dry cleaning YES 1 done on site? NO 2	RS64. a. within a quarter mile Y.. [RS65] .1 of your residence N..... 2 b. within one mile Y 1 of your residence N..... 2	RS65. OPERATING..... 1 SHUT DOWN ... 2
RS66. an oil refinery YES..... 1 NO [RS69] 2	RS67. a. within a quarter mile Y.. [RS68] .1 of your residence N..... 2 b. within one mile Y 1 of your residence N..... 2	RS68. OPERATING..... 1 SHUT DOWN ... 2
RS69. a paper mill YES..... 1 NO [RS72] 2	RS70. a. within a quarter mile Y.. [RS71] .1 of your residence N..... 2 b. within one mile Y 1 of your residence N..... 2	RS71. OPERATING..... 1 SHUT DOWN ... 2
<BEGIN REPEATING RECORD> RS72. [a/any other] YES..... 1 factory NO [RS75] 2 RS72sp. What SPECIFY: kind of factory? _____ (What is made there?)	RS73. a. within a quarter mile Y.. [RS74] .1 of your residence N..... 2 b. within one mile Y 1 of your residence N..... 2	RS74. OPERATING..... 1 SHUT DOWN ... 2 <END REPEATING RECORD>
RS75. a leather YES..... 1 tannery NO [RS78] 2	RS76. a. within a quarter mile Y.. [RS77] .1 of your residence N..... 2 b. within one mile Y 1 of your residence N..... 2	RS77. OPERATING..... 1 SHUT DOWN ... 2

Is your residence <u>within two miles of...</u>	Is [ITEM]...	Is the [ITEM] currently operating, or has it shut down?
<p><ASK ONLY IF RS15 = NO; ELSE GO TO RS96.> <BEGIN REPEATING RECORD></p> <p>RS93. [a/any other] farm or orchard</p> <p>[A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.]</p> <p>YES 1 NO [RS96]..... 2</p> <p>RS93sp. What kind of farm or orchard? SPECIFY: _____</p>	<p>RS94.</p> <p>a. within a quarter mile of your residence Y..[RS95] .1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	<p>RS95.</p> <p>OPERATING..... 1 SHUT DOWN ... 2</p> <p><END REPEATING RECORD></p>
<p>RS96. a nursery or commercial greenhouse, not including retail garden centers</p> <p>YES 1 NO [RS99]..... 2</p>	<p>RS97.</p> <p>a. within a quarter mile of your residence Y..[RS98] .1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	<p>RS98.</p> <p>OPERATING..... 1 SHUT DOWN ... 2</p>
<p>RS99. high tension power lines, that is, heavy power lines carried by very large, steel towers</p> <p>YES 1 NO[RS101]..... 2</p>	<p>RS100.</p> <p>a. within a quarter mile of your residence Y.[RS101] 1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	
<p>RS101. a commercial airport</p> <p>YES 1 NO[RS103]..... 2</p>	<p>RS102.</p> <p>a. within a quarter mile of your residence Y.[RS103] 1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>	

<ASK ONLY IF RS1 = 2 (R HAS SECOND RESIDENCE); ELSE, GO TO RS114>

RS113. What is the full street address of your second residence, where you spend at least two months per year? (Please provide as much information as you can.) [READ ADDRESS BACK TO R AND VERIFY SPELLING.] [ENTER "NA" FOR COUNTY IF THERE IS NO COUNTY TO REPORT.] [IF R OFFERS A PO BOX OR RFD (RURAL FREE DELIVERY) NUMBER, PROBE: "Can you please tell me your street address, that is, where your home is physically located?"] [IF R SAYS SHE ONLY HAS A PO BOX OR RURAL ROUTE, PROBE: "Do you know your 911 address?"] [IF RESIDENCE WAS IN ANOTHER COUNTRY, SELECT "NA" FROM PULL DOWN LIST.]

_____ STREET #
 _____ STREET NAME
 _____ APARTMENT #
 _____ CITY/TOWN
 _____ STATE _____ ZIP
 _____ COUNTY [PARISH]
 _____ COUNTRY

<IF RS9 = YES, GO TO RS195>

<IF R LIVED AT CURRENT RESIDENCE ≥10 YEARS, GO TO RS195>

<IF RS9 = DK AND R LIVED AT CURRENT RESIDENCE ≥10 YEARS, GO TO RS195>

Now I am going to ask about the residence where you have lived the longest as an adult.

RS114. What is the full street address of the residence where you lived the longest since the age of 20? (Please provide as much information as you can.) [READ ADDRESS BACK TO R AND VERIFY SPELLING.] [IF R SAYS THERE WAS NO ZIP CODE FOR THIS RESIDENCE, ENTER "96" FOR ZIP CODE.] [ENTER "NA" FOR COUNTY IF THERE IS NO COUNTY TO REPORT.] [IF R OFFERS A PO BOX OR RFD (RURAL FREE DELIVERY) NUMBER, PROBE: "Can you please tell me your street address, that is, where your home is physically located?"] [IF R SAYS SHE ONLY HAS A PO BOX OR RURAL ROUTE, PROBE: "Do you know your 911 address?"] [IF RESIDENCE WAS IN ANOTHER COUNTRY, SELECT "NA" FROM PULL DOWN LIST.]

_____ STREET #
 _____ STREET NAME
 _____ APARTMENT #
 _____ CITY/TOWN
 _____ STATE _____ ZIP
 _____ COUNTY [PARISH]
 _____ COUNTRY

RS114x1. Thinking about the street your house was on, how many lanes did this road have in total? [DO NOT READ CATEGORIES.]

1..... [RS114x3]..... 01
 2..... 02
 3..... 03
 4..... 04
 5..... 05
 6..... 06
 7..... 07
 8..... 08
 9..... 09
 10 OR MORE..... 10

RS114x2. Was this road divided by a median or barrier of any kind?

YES..... 1
 NO..... 2

RS114x3. How would you describe the traffic on this road during rush hour? Would you say that it was...
 [IF R SAYS THERE IS NO TRAFFIC AT ALL, RECORD AS "VERY LIGHT".]

very light 1
 light 2
 moderate..... 3
 heavy 4
 very heavy 5

RS115. Please tell me the name of the nearest cross-street or road that intersected with the street where you lived.
 [READ BACK TO R AND VERIFY SPELLING.]

_____ CROSS STREET NAME

RS115a. About how far away was your residence from this intersection? Would you say it was...

within 100 feet [RS115a1] 1
 more than 100 feet, but less than a quarter mile [RS115x1] 2
 between a quarter mile and one mile..... [RS115x1] 3
 more than one mile. [RS115x1] 4
 RS115asp. SPECIFY #MILES:

1 = less than 1 city block 2 = 1 to 4 city blocks 3 = 5 to 16 city blocks 4 = more than 16 city blocks (1 mile = 16 city blocks)
--

MILES
 <GO TO RS115x1>
 REF [RS115x1] 7
 DK..... [RS115x1] 8

RS115a1. Thinking about the road that intersected with the street you lived on, how many lanes did this road have in total?
 [DO NOT READ CATEGORIES.]

1..... [RS115a3]..... 01
 2..... 02
 3..... 03
 4..... 04
 5..... 05
 6..... 06
 7..... 07
 8..... 08
 9..... 09
 10 OR MORE..... 10

RS115a2. Was this road divided by a median or barrier of any kind?

YES 1
 NO..... 2

RS115a3. How would you describe the traffic on this road during rush hour? Would you say that it was...
 [IF R SAYS THERE IS NO TRAFFIC AT ALL, RECORD AS "VERY LIGHT".]

very light 1
 light 2
 moderate..... 3
 heavy 4
 very heavy 5

RS115x1. Aside from the roads that you just told me about, was your residence within two miles of a heavily traveled road?

YES 1
 NO..... [*]..... 2

<* IF RS115 = DK, GO TO RS116; IF RS115 = RESPONSE OR RF, SKIP TO RS118>

RS115x2. Was this road within a quarter mile of your residence?

YES [RS115x4] 1
 NO..... 2

RS115x3. Was it within one mile of your residence? YES..... 1
 NO..... 2

RS115x4. How many lanes did this road have in total?
 [DO NOT READ CATEGORIES.]

1..... 01
 2..... 02
 3..... 03
 4..... 04
 5..... 05
 6..... 06
 7..... 07
 8..... 08
 9..... 09
 10 OR MORE..... 10

<ASK RS116-RS117 ONLY IF RS115 = DK; ELSE, GO TO RS118.>

RS116. What was the nearest landmark to this residence
 that you can recall?
 [READ BACK TO R AND VERIFY SPELLING.]

_____ LANDMARK
 REF [RS118] 7
 DK..... [RS118] 8

RS117. About how far away was your residence from this
 landmark? Would you say it was...

within a quarter mile [RS118]..... 1
 between a quarter mile
 and one mile [RS118]..... 2
 more than one mile..... 3
 RS117sp. SPECIFY #MILES:

1 = 1 to 4 city blocks
 2 = 5 to 16 city blocks
 3 = more than 16 city blocks
 (1 mile = 16 city blocks)

MILES

RS118. What year did you start living at this residence?

YEAR

RS119. What year did you stop living there? [IF R OFFERS LENGTH
 OF TIME AT ADDRESS, ENTER "DON'T KNOW" AND
 RECORD YEARS AND MONTHS IN NEXT QUESTION.]

YEAR

<ASK ONLY IF RS118 = DK OR RS119 = DK; ELSE, GO TO RS121>

RS120. How many years and/or months did you live at this residence?

 YEARS MONTHS

RS121. Between the time you moved in [*in (START YEAR)*] and
 moved out [*in (STOP YEAR)*], were there any periods of
 time when you did not live at this residence for three months
 or more in a row? (Due to extended travel, for example.)

YES..... 1
 NO..... [RS126] 2
 REF [RS126] 7
 DK..... [RS126] 8

RS122. Thinking about all those times, about how many years
 and/or months in total were you away from this residence?

 YEARS MONTHS

<BEGIN REPEATING RECORD>

<IF RS122>12 MONTHS, ASK RS123-RS125; ELSE, GO TO RS126>

RS123. **<FIRST OCCURRENCE:>** Did any of the times you were away from this residence last 12 months or longer? YES 1
 NO..... [RS126] 2
<ALL OTHER OCCURRENCES:> Were there any other times you were away from this residence for 12 months or longer?

RS124. What year did you [first/next] move out of this residence for at least 12 months? |_|_|_|
YEAR

RS125. What year did you move back in? [IF R OFFERS LENGTH OF TIME AWAY FROM RESIDENCE, ENTER "DON'T KNOW" AND RECORD YEARS AND MONTHS IN NEXT QUESTION.] |_|_|_|
YEAR

<ASK ONLY IF RS124 = DK OR RS125 = DK; ELSE GO TO RS123> |_|_| |_|_|
YEARS MONTHS
 RS125a. How many years and/or months were you away from this residence this time?

<END REPEATING RECORD>

<IF TIME AT THIS RESIDENCE ((MOVE OUT YEAR – MOVE IN YEAR +1) – TOTAL TIME AWAY) ≤ 2 YEARS, GO TO RS195>

RS126. Was this property ever used as a farm or orchard for any of the time you were living there? [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.] YES [RS128] 1
 NO..... 2

RS127. To the best of your knowledge, was this property used as a farm or orchard within 20 years before you began living there? [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.] YES 1
 NO..... 2

RS128. Was this residence located in an urban, suburban, small town, or rural area? URBAN..... 1
 SUBURBAN..... 2
 SMALL TOWN 3
 RURAL 4
 OTHER 5

RS129. Which of the following best describes this residence? single family house 01
 duplex or multi-family house 02
 townhouse, row house, apartment or condominium building with up to four stories..... 03
 apartment or condominium building with five or more stories 04
 mobile home or trailer..... 05
 a room in an institution, such as a nursing home..... 06
 another kind of residence 07

RS130. In what decade was this residence built?

BEFORE 1950 01
 1950s 02
 1960s 03
 1970s 04
 1980s 05
 1990s 06
 SINCE 2000 07

RS131. What was your personal main source of drinking water for most of the time you lived at this residence? Was it...

bottled water..... [RS134]..... 01
 community well [RS134]..... 02
 city or town water [RS134]..... 03
 private well..... 04
 rain water or cistern..... [RS134]..... 05
 river, lake, or pond water [RS134]..... 06
 DIDN'T DRINK WATER [RS135] . 08

<IF RS131 = 02, 03, OR 04, ASK:>

RS131a. Did you use a water filtering system? This does not include water-softening systems.

YES 1
 NO 2

RS132. Was the private well there the whole time you were living at this residence?

YES [D134] 1
 NO 2

RS133. What year was this well put in?

| | | |
YEAR

RS134. Did you also use [*WATER SOURCE FROM D131*] at this home for coffee, tea, frozen concentrated juices, or other beverages you make or mix with water?

YES [RS138] 1
 NO 2
 NOT APPLICABLE [RS138] 6

RS135. What was the main source of water used for [*these beverages/coffee, tea, frozen concentrated juices, or other beverages you make or mix with water*] for most of the time you lived at this residence? Was it...

bottled water..... [RS138]..... 01
 community well..... [RS138]..... 02
 city or town water [RS138]..... 03
 private well..... 04
 rain water or cistern..... [RS138]..... 05
 river, lake, or pond water [RS138]..... 06
 DON'T DRINK THESE BEVERAGES [RS138]..... 08

<IF RS135 = 02, 03, OR 04, ASK:>

RS135a. Did you use a water filtering system? This does not include water-softening systems.

YES 1
 NO 2

<IF RS132 OR RS133 ARE ANSWERED, GO TO RS138>

RS136. Was the private well there the whole time you lived at this residence?

YES [RS138] 1
 NO 2

--	--	--	--

YEAR

RS137. What year was this well put in?

RS138. What was your main water source for showering and bathing at this residence? Was it...

- bottled water..... 01
- community well..... 02
- city or town water 03
- private well..... 04
- rain water or cistern..... 05
- river, lake, or pond water 06
- other water source 07

RS138a. When you lived at this residence, about how many minutes on average did you spend each time you took a shower or bath?

--	--

MINUTES

RS138b. When you lived at this residence, about how many showers or baths would you take per day, per week, or per month, on average?

--	--

TIMES

- PER DAY..... 1
- PER WEEK..... 2
- PER MONTH..... 3

RS139. Did this residence have a fireplace or a wood-burning stove?

- YES 1
- NO [RS142] 2

RS140. About how many days per year did you use a fireplace or wood burning stove at this residence?
[IF LESS THAN YEARLY, ENTER AS "0"]

--	--	--	--

DAYS PER YR

<IF RS140 = 0, GO TO RS142>

RS141. What kind of fuel did you burn in the fireplace or stove? Did you use...

- | | Y | N |
|--------------------------------------|---|---|
| a. wood..... | 1 | 2 |
| b. coal..... | 1 | 2 |
| c. natural gas or propane | 1 | 2 |
| d. artificial logs (like Duraflame). | 1 | 2 |
| e. other fuel | 1 | 2 |

RS142. What was the main source of heat at this residence? Was it...

- natural gas 01
- electric 02
- fuel oil 03
- kerosene 04
- propane..... 05
- coal 06
- wood..... 07
- solar..... 08
- OTHER 99

SPECIFY: _____

RS143. What was the energy source for the cooking stove top or range top at this address? Was it...

electricity.....	01
gas or natural gas.....	02
wood fire	03
coal.....	04
propane.....	05
OTHER	06

RS144. During the time you lived there, was this residence ever treated regularly with insecticides or pesticides, either by you or someone else, to control insects, rodents, or other pests, either inside or around the foundation?

YES	1
NO..... [RS149]	2
REF	7
DK..... [RS149]	8

RS145. For what kinds of pests was this residence regularly treated? Was it treated for...

	Y	N
a. ants	1	2
b. cockroaches.....	1	2
c. bees or wasps.....	1	2
d. flies.....	1	2
e. spiders.....	1	2
f. mosquitoes	1	2
g. fleas or ticks, not on pets.....	1	2
h. termites.....	1	2
i. any other pests, such as moths, silverfish, caterpillars, mice, rats, gophers, or moles	1	2
SPECIFY: _____		

RS146. Altogether, how often were pest control chemicals applied, on average? Would you say... [COMBINE FREQUENCY OF ALL APPLICATIONS OF ANY PRODUCTS USED.]

daily.....	1
weekly	2
monthly	3
every 2 or 3 months.....	4
once or twice a year	5

RS147. When pest control chemicals were applied, how often did you personally apply them? Would you say...

all the time.....	1
most of the time.....	2
about half of the time	3
some of the time	4
never.....	5

RS148. How many years in total did these regular pest control treatments occur? [IF LESS THAN ONE YEAR, ENTER "00".]

--	--

#YEARS

Now I'd like to ask about some different places that may have been near this residence.

Was this residence <u>within two miles of...</u>	Is [ITEM]...
<p>RS149. a power plant? YES..... 1 NO [RS151] 2</p> <p>coal 1 gas..... 2 petroleum or oil 3 water or hydropower. 4 nuclear power 5 wind 6 solar power 7 geothermal power 8</p> <p>RS149sp. What was the power or fuel source that generated electricity at this plant? Was it...</p>	<p>RS150.</p> <p>a. within a quarter mile of your residence Y. [RS151] 1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>
<p>RS151. a bus station or truck depot YES..... 1 NO [RS153] 2</p>	<p>RS152.</p> <p>a. within a quarter mile of your residence Y. [RS153] 1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>
<p>RS153. a gas station YES..... 1 NO [RS155] 2</p>	<p>RS154.</p> <p>a. within a quarter mile of your residence Y. [RS155] 1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>
<p>RS155. a military base YES..... 1 NO ... [RS157] 2</p>	<p>RS156.</p> <p>a. within a quarter mile of your residence Y. [RS157] 1 N.....2</p> <p>b. within one mile of your residence Y1 N.....2</p>

Was this residence <u>within two miles of...</u>	Is [ITEM]...
RS157. a dry cleaner YES..... 1 NO ... [RS159]2 <IF RS157 = YES, ASK:> RS157a. Was the dry cleaning YES.... 1 done on site? NO..... 2	RS158. a. within a quarter mile Y. [RS159] 1 of your residence N.....2 b. within one mile Y.....1 of your residence N.....2
RS159. an oil YES..... 1 refinery NO ... [RS161]2	RS160. a. within a quarter mile Y. [RS161] 1 of your residence N.....2 b. within one mile Y.....1 of your residence N.....2
RS161. a paper mill YES..... 1 NO ... [RS163]2	RS162. a. within a quarter mile Y. [RS163] 1 of your residence N.....2 b. within one mile Y.....1 of your residence N.....2
<BEGIN REPEATING RECORD> RS163. [a/any other] factory YES..... 1 NO ... [RS165]2 RS163sp. What SPECIFY: kind of factory? _____ (What is made there?)	RS164. a. within a quarter mile Y. [RS165] 1 of your residence N.....2 b. within one mile Y.....1 of your residence N.....2 <END REPEATING RECORD>
RS165. a leather YES..... 1 tannery NO ... [RS167]2	RS166. a. within a quarter mile Y. [RS167] 1 of your residence N.....2 b. within one mile Y.....1 of your residence N.....2

Was this residence <u>within two miles of...</u>	Is [ITEM]...
RS167. a slaughterhouse. Please do not count poultry processing plants as slaughterhouses. YES..... 1 NO ... [RS169] 2	RS168. a. within a quarter mile of your residence Y. [RS169] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS169. a poultry processing plant YES..... 1 NO ... [RS171] 2	RS170. a. within a quarter mile of your residence Y. [RS171] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS171. a sewage treatment plant YES..... 1 NO ... [RS173] 2	RS172. a. within a quarter mile of your residence Y. [RS173] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS173. a garbage dump or landfill YES..... 1 NO ... [RS175] 2	RS174. a. within a quarter mile of your residence Y. [RS175] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS175. an incinerator (a furnace for burning waste or other materials) YES..... 1 NO ... [RS177] 2	RS176. a. within a quarter mile of your residence Y. [RS177] 1 N.....2 b. within one mile of your residence Y.....1 N.....2

Was this residence <u>within two miles of...</u>	Is [ITEM]...
RS185. an animal waste lagoon YES 1 NO ... [RS187] 2	RS186. a. within a quarter mile of your residence Y. [RS187] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS187. a hazardous waste site YES 1 NO ... [RS189] 2	RS188. a. within a quarter mile of your residence Y. [RS189] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS189. a golf course YES 1 NO ... [RS191] 2	RS190. a. within a quarter mile of your residence Y. [RS191] 1 N.....2 b. within one mile of your residence Y.....1 N.....2
RS191. a swamp, marsh, or bog YES 1 NO ...[RS193a] 2	RS192. a. within a quarter mile of your residence Y. [RS195] 1 N.....2 b. within one mile of your residence Y.....1 N.....2

RS193. QUESTION DELETED

RS194. QUESTION DELETED

RS197a. About how far away is your residence from this intersection? Would you say it was...

1 = less than 1 city block
 2 = 1 to 4 city blocks
 3 = 5 to 16 city blocks
 4 = more than 16 city blocks
 (1 mile = 16 city blocks)

within 100 feet [RS197a1] 1
 more than 100 feet, but less than a
 quarter mile [RS198] 2
 between a quarter mile and one
 mile [RS198] 3
 more than one mile. 4
 RS197asp. SPECIFY #MILES:

MILES

<GO TO RS198>

REF [RS198] 7
 DK [RS198] 8

RS197a1. Thinking about the road that intersected with the street you lived on, how many lanes did this road have in total?
 [DO NOT READ CATEGORIES.]

1 [RS197a3] 01
 2 02
 3 03
 4 04
 5 05
 6 06
 7 07
 8 08
 9 09
 10 OR MORE 10

RS197a2. Was this road divided by a median or barrier of any kind?

YES 1
 NO 2

RS197a3. How would you describe the traffic on this road during rush hour? Would you say that it was...
 [IF R SAYS THERE IS NO TRAFFIC AT ALL, RECORD AS "VERY LIGHT".]

very light 1
 light 2
 moderate 3
 heavy 4
 very heavy 5

RS198. Aside from the roads that you just told me about, was your residence within two miles of a heavily traveled road?

YES 1
 NO [*] 2

<* IF RS197 = DK, GO TO RS199; IF RS197 = RESPONSE OR RF, SKIP TO RS201>

RS198a. Was this road within a quarter mile of your residence?

YES [RS198c] 1
 NO 2

RS198b. Was it within one mile of your residence?

YES 1
 NO 2

RS198c. How many lanes did this road have in total?
 [DO NOT READ CATEGORIES.]

- 1..... 01
- 2..... 02
- 3..... 03
- 4..... 04
- 5..... 05
- 6..... 06
- 7..... 07
- 8..... 08
- 9..... 09
- 10 OR MORE..... 10

<ASK RS199-RS200 ONLY IF RS197 = DK; ELSE, GO TO RS201.>

RS199. What was the nearest landmark to this residence
 that you can recall?
 [READ BACK TO R AND VERIFY SPELLING.]

LANDMARK
 REF [RS201] 7
 DK..... [RS201] 8

RS200. About how far away was your residence from this
 landmark? Would you say it was...

within a quarter mile [RS201]..... 1
 between a quarter mile and
 one mile..... [RS201]..... 2
 more than one mile..... 3
 RS200sp. SPECIFY #MILES:
 # MILES

1 = 1 to 4 city blocks
 2 = 5 to 16 city blocks
 3 = more than 16 city blocks
 (1 mile = 16 city blocks)

RS201. What year did you start living there?

YEAR

RS202. What year did you stop living there? [IF R OFFERS
 LENGTH OF TIME SHE LIVED AT RESIDENCE,
 ENTER "DON'T KNOW" AND RECORD YEARS
 AND MONTHS IN NEXT QUESTION.]

YEAR

<ASK ONLY IF RS201 = DK OR RS202 = DK; ELSE GO TO RS204>

RS203. How many years and/or months did you live at this residence?

 YEARS MONTHS

RS204. Between the time you moved in [*in (START YEAR)*] and
 moved out [*in (STOP YEAR)*], were there any periods of
 time when you did not live at this residence for
 three months or more in a row? (Due to a boarding school,
 or extended travel for example.)

YES 1
 NO [RS206] 2
 REF [RS206] 7
 DK..... [RS206] 8

RS205. Thinking about all those times, about how many years
 and/or months in total were you away from this residence?

 YEARS MONTHS

<IF TIME AT THIS RESIDENCE ≤ 2 YEARS, GO TO RS238>

RS206. Was this property ever used as a farm or orchard for any
 of the time you were living there? [A FARM IS WHERE
 CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO
 NOT INCLUDE SMALL PERSONAL GARDENS.]

YES [RS208] 1
 NO..... 2

RS207. To the best of your knowledge, was this property used as a farm or orchard within 20 years before you began living there? [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.]

YES 1
NO 2

RS208. Was this residence located in an urban, suburban, small town, or rural area?

URBAN 1
SUBURBAN 2
SMALL TOWN 3
RURAL 4
OTHER 5

RS209. Which of the following best describes this residence?

single family house 01
duplex or multi-family house 02
townhouse, row house, apartment, or condominium building with up to four stories 03
apartment or condominium building with five or more stories 04
mobile home or trailer 05
a room in an institution, such as a nursing home 06
another kind of residence 07

RS210. In what decade was this residence built?

BEFORE 1950 1
1950s 2
1960s 3
1970s 4

RS211. What was your personal main source of drinking water for most of the time you lived at this residence? Was it...

bottled water 01
community well 02
city or town water 03
private well 04
rain water or cistern 05
river, lake, or pond water 06

<IF RS211 = 02, 03, OR 04, ASK:>

RS211a. Did you use a water filtering system?
This does not include water-softening systems.

YES 1
NO 2

RS212. To the best of your knowledge, was this residence ever treated regularly with insecticides or pesticides, either by you or someone else, to control insects, rodents, or other pests while you were living there, either inside or around the foundation?

YES 1
NO [RS215] 2
REF [RS215] 7
DK [RS215] 8

RS213. Altogether, how often were the pest control chemicals applied on average? Would you say... [COMBINE FREQUENCY OF ALL APPLICATIONS OF ANY PRODUCTS USED.]

daily 1
weekly 2
monthly 3
every 2 or 3 months 4
once or twice a year 5

RS214. When pest control chemicals were applied, how often did you personally apply them? Would you say...

all the time..... 1
most of the time..... 2
about half of the time 3
some of the time..... 4
never..... 5

Was this residence within seeing, smelling or hearing distance of any of the following? Was it near...

Y N

RS215. a power plant? 1.2
RS215sp. What was the power or fuel source that generated electricity at this plant? Was it...
coal..... 1
gas..... 2
petroleum or oil..... 3
water or hydropower.. 4
nuclear power..... 5
wind 6
solar power..... 7
geothermal power 8
RS216.high tension power lines, that is, heavy power lines carried by very large, steel towers 1 2
RS217.a commercial airport..... 1 2
RS218.a bus station..... 1 2
RS219.a gas station 1 2
RS220.a military base 1 2
RS221.a dry cleaner 1 2
<IF RS221 = YES, ASK:>
RS221a. Was the dry cleaning done on site? 1 2
RS222.an oil refinery 1 2
RS223.a paper mill..... 1 2
<BEGIN REPEATING RECORD>
RS224.[a/any other] factory..... 1 2
RS224sp. What kind? (What was made there?) _____
<END REPEATING RECORD>
RS225.a leather tannery 1 2
RS226.a slaughterhouse. Please do not include poultry processing plants as slaughterhouses. 1 2
RS227.a poultry processing plant .. 1 2
RS228.an animal waste lagoon 1 2
RS229.a sewage treatment plant 1 2
RS230.a garbage dump or landfill . 1 2
RS231.an incinerator (a furnace for burning waste or other materials) 1 2
RS232.a hazardous waste site 1 2
<ASK ONLY IF RS206 = NO>
<BEGIN REPEATING RECORD>
RS233.[a/any other] farm or orchard..... 1 2
[A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE

SMALL PERSONAL GARDENS.]

RS233sp. What kind of farm or orchard? _____

<END REPEATING RECORD>

- RS234.a nursery or commercial greenhouse, not a retail garden center 1 2
- RS235. a golf course 1 2
- RS236.a swamp, marsh, or bog..... 1 2

RS237. QUESTION DELETED

For the next few questions, please think about your entire life time.

- RS238. Were you ever directly in the fog or spray of chemicals, or as a child, did you ever chase after the fogger trucks or airplanes that sprayed for mosquitoes or other pests?
 - YES 1
 - NO [RS242] 2
 - REF [RS242] 7
 - DK [RS242] 8

- RS239. Did this happen before 1975, after 1975, or did it happen before and after 1975?
 - BEFORE 1975 1
 - AFTER 1975 [RS241] 2
 - BOTH BEFORE AND AFTER 3

RS240. How many times did this happen before 1975?

OF TIMES

<IF RS239 = 1, GO TO RS242>

OF TIMES

RS241. How many times did this happen after 1975?

<IF ANY OF R'S RESIDENCES WERE USED AS A FARM WHILE R LIVED THERE (RS15=YES OR RS16=YES OR RS126=YES OR RS206=YES) THEN SKIP RS242, BEGIN RESIDENTIAL FARM MODULE.>

- RS242. Have you ever lived on a farm for 12 months or more during your lifetime? This could be 12 months in a row, or a few months per year over several years. [A FARM IS WHERE CROPS ARE GROWN OR LIVESTOCK IS RAISED. DO NOT INCLUDE SMALL PERSONAL GARDENS.]
 - YES... [RES. FARM MODULE] 1
 - NO 2

Environmental Section: Personal Pesticide Use

Now I'd like to ask you some questions about insect repellents and pest control.

- RS243. In the past 12 months have you used any chemical insect repellents on your skin, hair or clothing? [DO NOT INCLUDE PRODUCTS THAT CONTAIN ONLY CITRONELLA.]
 - YES 1
 - NO [RS246] 2
 - REF [RS246] 7
 - DK [RS246] 8

- RS244. Over the past 12 months, how often did you use insect repellents in the summer? Would you say...
 - all the time 1
 - most of the time 2
 - about half of the time 3
 - some of the time 4
 - never 5

RS245. Over the past 12 months, how often did you use insect repellents the rest of the year? Would you say...

- all the time..... 1
- most of the time..... 2
- about half of the time 3
- some of the time..... 4
- never..... 5

RS246. In your lifetime, have you ever used an over-the-counter or prescription lice control product on yourself, or applied it to someone else's skin, hair, or clothing?

- YES 1
- NO..... [RS248] 2
- REF [RS248] 7
- DK..... [RS248] 8

RS247. About how many times in your lifetime have you used a lice control product on yourself or applied it on someone else?

#TIMES			

RS248. Do you currently have any pets?

- YES 1
- NO.....[NEXT SECTION] 2
- REF[NEXT SECTION] 7
- DK.....[NEXT SECTION] 8

RS249. Have any pets in your household been treated with chemical products for fleas or ticks in the past 12 months?

- YES 1
- NO.....[NEXT SECTION] 2
- REF[NEXT SECTION] 7
- DK.....[NEXT SECTION] 8

RS250. Which of the following kinds of chemical flea or tick treatment was used on your pets?

- | | Y | N |
|--|---|---|
| a. shampoos or dips..... | 1 | 2 |
| b. powders..... | 1 | 2 |
| c. sprays..... | 1 | 2 |
| d. pills..... | 1 | 2 |
| e. collars..... | 1 | 2 |
| f. topical drops applied to the skin or fur..... | 1 | 2 |
| g. any other type of chemical product..... | 1 | 2 |

<ASK ONLY IF RS250a, b, c, f, or g = YES:>

RS251. Who usually applied or gave the flea or tick treatments in the past 12 months. Was it...

- you..... 1
- another household member 2
- vet or groomer..... 3
- someone else 4