

STUDY SERIES
(*Survey Methodology #2003-03*)

**Final Report of Cognitive Research on the Veteran's
Questions for the American
Community Survey**

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Report Issued: 5-9-03

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STUDY SERIES
(*Survey Methodology #2003-03*)

**Report of Cognitive Research on the Veterans Questions
for the American Community Survey (ACS)**

Kristen Hughes and David Mingay

Abstract: The Population Division requested that the Center for Survey Methods Research staff conduct cognitive testing on newly-proposed question wording for the veterans questions for the 2003 American Community Survey. Staff conducted cognitive interviews on a shortened form of the self-administer version of the ACS. This report documents the findings of this research. The results showed that the new changes did not present a problem for respondents in the self-administered format. However, these changes are not directly translatable to a CATI format for the follow-up instrument, and additional testing of the CATI version is recommended.

The one problem that surfaced was the supplemental instruction in the period of service question. Some respondents in the military did not include all relevant periods of service; rather, they omitted response categories during which they only served a short period of time. As a result of this finding, we have recommended a change to the supplemental instruction to encourage reporting of all periods of service.

Key Words: pretesting; veterans; ACS; military service; cognitive interviews

**Report of Cognitive Research on the Veteran's Questions for the
American Community Survey (ACS)**
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U.S. Census Bureau
January 11, 2002

INTRODUCTION

The American Community Survey (ACS) currently includes three questions asking for information about active duty military service in the regular U.S. armed forces, the military Reserves, or the National Guard of household members (see Attachment A for question wording). The primary user of these questions is the Department of Veterans Affairs (VA), which uses the data obtained from the survey to respond to Congressional requests.

Through the Charter of the Interagency Committee for the ACS, the VA requested that some changes be made to the 2003 ACS. Staff from the Center for Survey Methods Research (CSMR) in the Statistical Research Division (SRD) were asked to conduct cognitive interviews to evaluate the proposed changes to two of the questions that were planned to be implemented on the 2003 ACS. This report presents the results of cognitive research on the veteran's questions as well as recommendations for questions revision. First we describe our research methodology. Then we provide item-by item discussion of the results and recommendations, and a conclusion.

RESEARCH METHODOLOGY

During December 2001, CSMR staff conducted ten cognitive interviews in the Washington, D.C. metropolitan area. We aimed to recruit members of the military, including respondents who were currently on active duty; respondents who had been on active duty in past, including retired military personnel; and respondents who were or had been in the Reserves or National Guard. We recruited respondents through the Veterans Administration and personal networks. There was some diversity in the demographic characteristics of the respondents, but the main objective was to achieve a good mix in terms of military status. In terms of other demographics, age of the respondents ranged from twenty-five to sixty-six. We interviewed six white and four African-American respondents; five males and five females. Our respondents included all four branches of the military, including 4 Army, 1 Air Force, 2 Navy, 1 Marine Corp, and 2 Reservists.

All of the interviews were conducted with a current or former member of the military themselves. One respondent was currently on active duty. Two respondents had been on active duty in the last 12 months, but not at the time of the interview. Six had been on active duty in the past, but not during the last 12 months and one respondent had only trained for the Reserves or National Guard.

In addition, these respondents provided proxy reports for three household members who were also members of the military at some point. This replicates the situation that would occur in the self-administered, mailout portion of the ACS.

Interviews were conducted at the Census Bureau's research lab and at respondents' homes and places of work or study. All interviews were tape-recorded and were conducted using concurrent think-aloud interviewing techniques. A copy of the questionnaire used in this research is included as Attachment B.

RESULTS

Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.

- Yes, now on active duty
- Yes, on active duty during the last 12 months, but not now
- Yes, on active duty in the past, but not during the last 12 months
- No, training for Reserves or National Guard only ->SKIP to question 22
- No, never served in the military -> SKIP to question 22

The current ACS question asks whether each household member aged 16 and over is currently on active duty, has been on active duty in the past, or has never been on active duty. The VA wanted to add a response category to determine whether those who had been on active duty had served in the past 12 months, as this is the reference period used for whether household members had moved (Question 13b, Person section). The purpose of this change would be to enable tracking of migration in the 12 months following release from the military.

Only two respondents had any difficulty answering the revised question, and both correctly answered after some thought. One respondent who was in the reserves had just come back from 2 weeks of "active duty training," and was uncertain whether this would count as "active duty." After some thought, she correctly selected "No, training for Reserves or National Guard only." Another respondent answered correctly for himself: "Yes, on active duty in the past, but not during the last 12 months," but then spent some time considering whether to also select "No, training for the Reserves or National Guard only." (He eventually decided not to). He may have considered selecting this item because he failed to read the non-bolded text of the question stem, and the terms "no" and "only" in the 4th response category.

Recommendation(s): Due to the minor nature of these problems, and the lack of any easy resolution, we recommend that no changes be made to this question.

When did this person serve on active duty in the U.S. Armed Forces? Mark (X) a box for EACH period in which this person served.

- September 2001 or later
- August 1990 to August 2001 (including Persian Gulf War)
- September 1980 to July 1990
- May 1975 to August 1980
- Vietnam era (August 1964 to April 1975)
- March 1961 to July 1964
- February 1955 to February 1961
- Korean War (July 1950 to January 1955)
- January 1947 to June 1950
- World War II (December 1941 to December 1946)
- November 1941 or earlier

The current ACS question asks whether the household member has been on active duty during specified periods of time, the most recent period being April 1995 or later. The VA wanted to change the reference period for current service, which no longer need to be a 5-year interval to be consistent with the migration question. (This is a holdover from the census long form.) In addition, the VA wanted to fill in the missing time periods and eliminate the "some other time response category.

The purpose of this question is to identify all periods in which the respondent was on active duty. There were no problems with these new categories or with respondents understanding the question itself. However, when respondents began selecting the categories that corresponded with the time they were on active duty, five of the ten respondents expressed some confusion whether they should mark categories in which they only served for a short period. Three of these five respondents were confused and asked for verification. These respondents, after some consideration, did correctly mark the partial boxes, which corresponded to the time they entered and left the military. However, this was not the case for the other two respondents, who incorrectly decided that they should only mark the categories in which they served the whole period or a lengthy period of time. One respondent's explanation was, "I wouldn't choose September (the first category) because that would be only a month. I guess the way I look at it and the way most military (look at it)...we'd pick where we were the longest." These respondents identified these "periods" as absolute. In other words, they felt that if they did not serve for the entire period or a majority of the period, then they should not mark those boxes.

Recommendation(s): We recommend rewording the supplemental instruction in this question, so that it explicitly states that respondents are to include those periods in which they only served a short period of time.

Suggested Wording:

When did this person serve on active duty in the U.S. Armed Forces? Mark (X) a box for EACH period in which this person served, even if just for part of the period.

Sponsor's Feedback: Recommendation adopted.

In total, how many years of active-duty military service has this person had?

- Less than 2 years
- 2 years or more

This question was unchanged from the current ACS version, which asks whether each person reported as ever being on active duty had less than two years of service or two years or more service. It was included in this research so that the entire veterans series was examined.

No problems were detected with this question. All respondents answered in a way that was consistent with their answers to the previous two questions and to debriefing questions asking about their service. There was little hesitation in selecting their responses.

Recommendation(s): We recommend that no changes be made to this question.

CONCLUSIONS

With the recommendation that was adopted to the period of service question, we expect that these questions will work well in the mailout ACS questionnaire. However, we wish to point out that these questions will not necessarily translate to the CATI format of the follow-up instrument. This is especially the case for the first question in the series, which determines veteran status. Any information beyond yes or no is imbedded in the response categories. Without adding a CATI question that focuses on these additional periods of time, this information that is of specific interest to the VA will not be reported. CATI versions of these questions should also be subjected to pretesting before they are implemented.

CURRENT QUESTIONS (2000 American Community Survey)

QUESTION 19:

Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.

- Yes, now on active duty
- Yes, on active duty in past, but not now.
- No, training for Reserves or National Guard only -> SKIP to question 22
- No, never served in the military -> SKIP to question 22

QUESTION 20:

When did this person serve on active duty in the U.S. Armed Forces? (Mark (X) a box for EACH period in which this person served).

- April 1995 or later
- August 1990 to March 1995 (including Persian Gulf War)
- September 1980 to July 1990
- May 1975 to August 1980
- Vietnam era (August 1964 to April 1975)
- February 1955 to July 1964
- Korean War (July 1950 to January 1955)
- World War II (September, 1940 to July 1947)
- Some other time

QUESTION 21:

In total, how many years of active-duty military service has this person had?

- Less than 2 years
- 2 years or more

THE American Community SURVEY

U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU



People are our most important resource. This Census Bureau survey collects information about education, employment, and income—information your



community uses to plan and fund programs. Your response is important, and we keep your answers confidential.



If you need help or have questions about completing this form, please call 1-800-354-7271. The telephone call is free.

Telephone Device for the Deaf (TDD):
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¿NECESITA AYUDA? Si usted habla español y necesita ayuda para completar su cuestionario, llame sin cargo alguno al 1-800-354-7271.

For more information about the American Community Survey, visit our web site at:
<http://www.census.gov/acs/www/>

FORM ACS-1(X)
(10-00)

OMB No. 0607-0810
Approval Expires 10/31/2002

Start Here

This form asks for two types of information:

- basic information about the people who are living or staying at the address on the mailing label above
- more detailed information about each person living or staying here

→ **What is your name?** Please PRINT the name of the person who is filling out this form. Include the telephone number and today's date.

Last Name

First Name MI

Area Code + Number

Date (Month/Day/Year)

→ **How many people are living or staying at this address?**
Number of people

→ **Please turn to the next page to continue.**

List of Residents

READ THESE INSTRUCTIONS FIRST

Please fill out this form as soon as possible after receiving it in the mail.

- LIST** everyone who is living or staying here for more than 2 months.
- LIST** anyone else staying here who does not have another usual place to stay.
- DO NOT LIST** anyone who is living somewhere else for more than 2 months, such as a college student living away.

IF YOU ARE NOT SURE WHOM TO LIST, CALL 1-800-354-7271.

→ If there are more than five people, list them here.

→ After you've created the List of Residents, answer the questions across the top of the page for the first five people on the list.

Person 1

Last Name (Please print)

First Name

MI

1 What is this person's sex?

- Male
 Female

2 What is this person's date of birth and what is this person's age?

Print numbers in boxes.

Month Day Year of birth

Age (in years)

3 How is this person related to Person 1?

Person 1

(Person 1 is the person living or staying here in whose name this house or apartment is owned, being bought, or rented. If there is no such person, start with the name of any adult living or staying here.)

Person 2

Last Name (Please print)

First Name

MI

- Male
 Female

Month Day Year of birth

Age (in years)

Relationship of Person 2 to Person 1.

- Husband or wife Roomer, boarder
 Son or daughter Housemate, roommate
 Brother or sister Unmarried partner
 Father or mother Foster child
 Grandchild Other nonrelative
 In-law
 Other relative

Person 3

Last Name (Please print)

First Name

MI

- Male
 Female

Month Day Year of birth

Age (in years)

Relationship of Person 3 to Person 1.

- Husband or wife Roomer, boarder
 Son or daughter Housemate, roommate
 Brother or sister Unmarried partner
 Father or mother Foster child
 Grandchild Other nonrelative
 In-law
 Other relative

Person 4

Last Name (Please print)

First Name

MI

- Male
 Female

Month Day Year of birth

Age (in years)

Relationship of Person 4 to Person 1.

- Husband or wife Roomer, boarder
 Son or daughter Housemate, roommate
 Brother or sister Unmarried partner
 Father or mother Foster child
 Grandchild Other nonrelative
 In-law
 Other relative

Person 5

Last Name (Please print)

First Name

MI

- Male
 Female

Month Day Year of birth

Age (in years)

Relationship of Person 5 to Person 1.

- Husband or wife Roomer, boarder
 Son or daughter Housemate, roommate
 Brother or sister Unmarried partner
 Father or mother Foster child
 Grandchild Other nonrelative
 In-law
 Other relative

Person 6

Last Name (Please print)

First Name

MI

Person 7

Last Name

First Name

MI

Person 8

Last Name

First Name

MI

When you are finished, turn the page and continue with the questions for Person 1.

Person 1



Your answers are important! Every person in the American Community Survey counts.

- 6** Please copy the name of Person 1 from the List of Residents on page 2, then continue answering questions below.

Last Name

First Name

MI

- 7** Where was this person born?

- In the United States – Print name of state.
- Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc.

- 8** Is this person a CITIZEN of the United States?

- Yes, born in the United States → Skip to 10a
- Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas
- Yes, born abroad of American parent or parents
- Yes, U.S. citizen by naturalization
- No, not a citizen of the United States

- 9** When did this person come to live in the United States? Print numbers in boxes.

Year

- 10** a. At any time IN THE LAST 3 MONTHS, has this person attended regular school or college?

Include only nursery or preschool, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree.

- No, has not attended in the last 3 months → SKIP to question 11
- Yes, public school, public college
- Yes, private school, private college

- b. What grade or level was this person attending? Mark (X) ONE box.

- Nursery school, preschool
- Kindergarten
- Grade 1 to grade 4
- Grade 5 to grade 8
- Grade 9 to grade 12
- College undergraduate years (freshman to senior)
- Graduate or professional school (for example: medical, dental, or law school)

- 11** What is the highest degree or level of school this person has COMPLETED? Mark (X) ONE box. If currently enrolled, mark the previous grade or highest degree received.

- No schooling completed
- Nursery school to 4th grade
- 5th grade or 6th grade
- 7th grade or 8th grade
- 9th grade
- 10th grade
- 11th grade
- 12th grade – NO DIPLOMA
- HIGH SCHOOL GRADUATE – high school DIPLOMA or the equivalent (for example: GED)
- Some college credit, but less than 1 year
- 1 or more years of college, no degree
- Associate degree (for example: AA, AS)
- Bachelor's degree (for example: BA, AB, BS)
- Master's degree (for example: MA, MS, MEng, MED, MSW, MBA)
- Professional degree (for example: MD, DDS, DVM, LLB, JD)
- Doctorate degree (for example: PhD, EdD)

- 12** a. Did this person live in this house or apartment 1 year ago?

- Person is under 1 year old → SKIP to **13** in the next column.
- Yes, this house → SKIP to **13** in the next column
- No, outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc., below; then SKIP to **13** in next column.
- No, different house in the United States

- b. Where did this person live 1 year ago?

Name of city, town, or post office

- c. Did this person live inside the limits of the city or town?

- Yes
- No, outside the city/town limits

Name of county

Name of state

ZIP Code

- If this person is UNDER 15 years of age, SKIP to the questions for PERSON 2 on page 5. Otherwise, continue with question 13.

- 13** Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.

- Yes, now on active duty
- Yes, on active duty during the last 12 months, but not now
- Yes, on active duty in the past, but not during the last 12 months
- No, training for Reserves or National Guard only → SKIP to **14**
- No, never served in the military → SKIP to **15**

- 14** When did this person serve on active duty in the U.S. Armed Forces? Mark (X) a box for EACH period in which this person served.

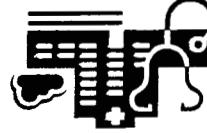
- September 2001 or later
- August 1990 to August 2001 (including Persian Gulf War)
- September 1980 to July 1990
- May 1975 to August 1980
- Vietnam era (August 1964 to April 1975)
- March 1961 to July 1964
- February 1955 to February 1961
- Korean War (July 1950 to January 1955)
- January 1947 to June 1950
- World War II (December 1941 to December 1946)
- November 1941 or earlier

- 15** In total, how many years of active-duty military service has this person had?

- Less than 2 years
- 2 years or more

Continue with the questions for Person 2 on the next page. If only 1 person is listed in the List of Residents, you are finished with the survey. Thank you for participating in the American Community Survey.

Person 2



Survey information helps your community
get financial assistance for roads, hospitals,
schools, and more.

If this person is UNDER 15 years of age,
skip to the questions for PERSON 3 on page 6.

Has this person ever served on active duty in
the U.S. Armed Forces, military reserves, or
National Guard? Active duty does not include
training for the Reserve or National Guard but
does include activation, for example, for the
Persian Gulf War.

Yes, now on active duty
Yes, on active duty during the last
12 months, but not now

No, never served in the military
Only → SKIP to !
Yes, on active duty in the past, but not
during the last 12 months

When did this person serve on active duty in
the U.S. Armed Forces? Mark (X) a box for EACH
period in which this person served.

September 1990 to August 2001 (including
August 1990 to August 2001 or later
September 1990 to August 2001 or later
August 1990 to August 1990
September 1975 to September 1980
May 1975 to August 1980
Vietnam era (August 1964 to April 1975)
March 1961 to July 1964
February 1955 to February 1961
January 1947 to June 1950
World War II (December 1941 to December 1946)
November 1941 to earlier

In total, how many years of active-duty
military service has this person had?

Less than 2 years
2 years or more

Continue with the questions for Person 3 on
the next page. If only 2 persons are listed with
the list of residents, you are finished with
the American Community Survey.

5
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What is the highest degree or level of school
this person has COMPLETED? Mark (X) ONE box.

If this person is UNDER 15 years of age,
high school, countinue with question 13.

Where was this person born?
List the name of state - Print name of state.

What is the name of state - Print name of state.

Please copy the name of Person 2 from the
list of residents on page 2, then continue
answering questions below.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

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Grade _____

Where was this person born?
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Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
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First Name _____

Grade _____

What is the name of state - Print name of state.

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First Name _____

Grade _____

What is the name of state - Print name of state.

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First Name _____

Grade _____

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First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
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Last Name _____

First Name _____

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First Name _____

Grade _____

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Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

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Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

What is the name of state - Print name of state.

Last Name _____

First Name _____

Grade _____

Where was this person born?
List the name of state - Print name of state.

Last Name _____

<p

Person 3



Information about children helps your community plan for child care, education, and recreation.

If this person is UNDER 15 years of age, skip to the questions for PERSON 4 on page 7. Otherwise, continue with question 13.

Please copy the name of Person 3 from the list of residents on page 2, then continue answering questions below.

Last Name _____

MI _____

Outside the United States - Print name of foreign country, or Puerto Rico, Guam, etc.

Where was this person born? _____

In the United States - Print name of state. _____

Is this person a CITIZEN of the United States? _____

Yes, born in the United States - Skip to 10.

No, not a citizen of the United States _____

When did this person come to live in the United States? Print numbers in boxes.

a. At any time IN THE LAST 3 MONTHS, has this person attended only nursery or preschool, kindergarten, elementary school, or college?

b. What grade or level was this person attending? Mark (X) ONE box.

Yes, private school, public college _____

No, has not attended in the last 3 months - Skip to question 11.

c. Did this person live inside the limits of the city/town? _____

Yes, outside the city/town limits _____

No, outside the United States - Print name of country, or Puerto Rico, Guam, etc. below, then skip to the next column.

Below, enter skip to _____ in next column.

Yes, this house → Skip to _____ in the next column.

Person is under 1 year old → Skip to _____ in the next column.

No, different house in the United States - Print name of neighborhood, or street name, etc. below, then skip to _____ in next column.

Below, enter skip to _____ in next column.

Yes, this house → Skip to _____ in the next column.

Person is under 1 year old → Skip to _____ in the next column.

No, not a citizen of the United States _____

Yes, born abroad of American parent or parents _____

Yes, citizen by naturalization _____

Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Mariana Islands _____

Yes, born in the United States - Skip to 10.

No, not a citizen by naturalization _____

Yes, born in Puerto Rico, Guam, etc. _____

Outside the United States - Print name of foreign country, or Puerto Rico, Guam, etc.

DIPLOMA or the equivalent (for example: GED)

Some college credit, but less than 1 year

1 or more years of college no degree

Associate degree (for example: AA, AS)

Bachelor's degree (for example: BA, AB, BS)

Masters degree (for example: MA, MS, MEng, MED, MSW, MBA)

Professional degree (for example: MD, DDS, DVM, LLB, JD)

Doctorate degree (for example: PhD, EdD)

a. Did this person live in this house or apartment during the last 12 months?

Yes, on active duty in the past, but not during the last 12 months

Yes, on active duty in the past, but not during the last 12 months, but now

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1980 to August 1990 → Skip to 14

August 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

When did this person serve on active duty in the U.S. Armed Forces, military reserves, or National Guard? → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

September 2001 to later → Skip to 14

Period in which this person served → Skip to 14

Only → Skip to 14

Yes, training for Reserves or National Guard

Yes, on active duty in the past, but not during the last 12 months

Yes, now on active duty

Yes, never served in the military → Skip to 14

September 1990 to August 2001 (including Persian Gulf War)

Person 4



Knowing about age, race, and sex helps your community better meet the needs of everyone.

- Please copy the name of Person 4 from the List of Residents on page 2, then continue answering questions below.

Last Name _____

First Name _____

M_____

7 Where was this person born?

- In the United States – Print name of state.
 Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc.

8 Is this person a CITIZEN of the United States?

- Yes, born in the United States → Skip to 10a
 Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas
 Yes, born abroad of American parent or parents
 Yes, U.S. citizen by naturalization
 No, not a citizen of the United States

9 When did this person come to live in the United States? Print numbers in boxes.

Year _____

10 a. At any time IN THE LAST 3 MONTHS, has this person attended regular school or college? Include only nursery or preschool, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree.

- No, has not attended in the last 3 months → SKIP to question 11
 Yes, public school, public college
 Yes, private school, private college

b. What grade or level was this person attending? Mark (X) ONE box.

- Nursery school, preschool
 Kindergarten
 Grade 1 to grade 4
 Grade 5 to grade 8
 Grade 9 to grade 12
 College undergraduate years (freshman to senior)
 Graduate or professional school (for example: medical, dental, or law school)

- 11 What is the highest degree or level of school this person has COMPLETED? Mark (X) ONE box. If currently enrolled, mark the previous grade or highest degree received.**

- No schooling completed
- Nursery school to 4th grade
- 5th grade or 6th grade
- 7th grade or 8th grade
- 9th grade
- 10th grade
- 11th grade
- 12th grade – **NO DIPLOMA**
- HIGH SCHOOL GRADUATE** – high school DIPLOMA or the equivalent (for example: GED)
- Some college credit, but less than 1 year
- 1 or more years of college, no degree
- Associate degree (for example: AA, AS)
- Bachelor's degree (for example: BA, AB, BS)
- Master's degree (for example: MA, MS, MEng, MEd, MSW, MBA)
- Professional degree (for example: MD, DDS, DVM, LLB, JD)
- Doctorate degree (for example: PhD, EdD)

12 a. Did this person live in this house or apartment 1 year ago?

- Person is under 1 year old → SKIP to _____ in the next column.
- Yes, this house → SKIP to _____ in the next column
- No, outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc., below; then SKIP to _____ in next column.
- No, different house in the United States

b. Where did this person live 1 year ago?

Name of city, town, or post office _____

c. Did this person live inside the limits of the city or town?

- Yes
- No, outside the city/town limits

Name of county _____

Name of state _____

ZIP Code _____

- 13 If this person is UNDER 15 years of age, SKIP to the questions for PERSON 5 on page 8. Otherwise, continue with question 13.**

13 Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.

- Yes, now on active duty
- Yes, on active duty during the last 12 months, but not now
- Yes, on active duty in the past, but not during the last 12 months
- No, training for Reserves or National Guard only → SKIP to _____
- No, never served in the military → SKIP to _____

14 When did this person serve on active duty in the U.S. Armed Forces? Mark (X) a box for EACH period in which this person served.

- September 2001 or later
- August 1990 to August 2001 (including Persian Gulf War)
- September 1980 to July 1990
- May 1975 to August 1980
- Vietnam era (August 1964 to April 1975)
- March 1961 to July 1964
- February 1955 to February 1961
- Korean War (July 1950 to January 1955)
- January 1947 to June 1950
- World War II (December 1941 to December 1946)
- November 1941 or earlier

15 In total, how many years of active-duty military service has this person had?

- Less than 2 years
- 2 years or more

Continue with the questions for Person 5 on the next page. If only 4 persons are listed in the List of Residents, you are finished with the survey. Thank you for participating in the American Community Survey.

Person 5



Your answers help your community plan for the future.

- 6** Please copy the name of Person 5 from the List of Residents on page 2, then continue answering questions below.

Last Name _____

First Name _____

MI _____

- 7** Where was this person born?

In the United States – Print name of state.

Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc.

- 8** Is this person a CITIZEN of the United States?

- Yes, born in the United States → Skip to 10a
- Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas
- Yes, born abroad of American parent or parents
- Yes, U.S. citizen by naturalization
- No, not a citizen of the United States

- 9** When did this person come to live in the United States? Print numbers in boxes.

Year _____

- 10** a. At any time IN THE LAST 3 MONTHS, has this person attended regular school or college? Include only nursery or preschool, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree.

- No, has not attended in the last 3 months → SKIP to question 11
- Yes, public school, public college
- Yes, private school, private college

- b. What grade or level was this person attending? Mark (X) ONE box.

- Nursery school, preschool
- Kindergarten
- Grade 1 to grade 4
- Grade 5 to grade 8
- Grade 9 to grade 12
- College undergraduate years (freshman to senior)
- Graduate or professional school (for example: medical, dental, or law school)

- 11** What is the highest degree or level of school this person has COMPLETED? Mark (X) ONE box. If currently enrolled, mark the previous grade or highest degree received.

- No schooling completed
- Nursery school to 4th grade
- 5th grade or 6th grade
- 7th grade or 8th grade
- 9th grade
- 10th grade
- 11th grade
- 12th grade – NO DIPLOMA
- HIGH SCHOOL GRADUATE – high school DIPLOMA or the equivalent (for example: GED)
- Some college credit, but less than 1 year
- 1 or more years of college, no degree
- Associate degree (for example: AA, AS)
- Bachelor's degree (for example: BA, AB, BS)
- Master's degree (for example: MA, MS, MEng, MEd, MSW, MBA)
- Professional degree (for example: MD, DDS, DVM, LLB, JD)
- Doctorate degree (for example: PhD, EdD)

- 12** a. Did this person live in this house or apartment 1 year ago?

- Person is under 1 year old → SKIP to 13 in the next column.
- Yes, this house → SKIP to 13 in the next column
- No, outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc., below; then SKIP to 13 in next column.
- No, different house in the United States

- b. Where did this person live 1 year ago?

Name of city, town, or post office _____

- c. Did this person live inside the limits of the city or town?

- Yes
- No, outside the city/town limits

Name of county _____

Name of state _____ ZIP Code _____

If this person is UNDER 15 years of age, SKIP to 13. Otherwise, continue with question 13.

- 13** Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.

- Yes, now on active duty
- Yes, on active duty during the last 12 months, but not now
- Yes, on active duty in the past, but not during the last 12 months
- No, training for Reserves or National Guard only → SKIP to 14
- No, never served in the military → SKIP to 14

- 14** When did this person serve on active duty in the U.S. Armed Forces? Mark (X) a box for EACH period in which this person served.

- September 2001 or later
- August 1990 to August 2001 (including Persian Gulf War)
- September 1980 to July 1990
- May 1975 to August 1980
- Vietnam era (August 1964 to April 1975)
- March 1961 to July 1964
- February 1955 to February 1961
- Korean War (July 1950 to January 1955)
- January 1947 to June 1950
- World War II (December 1941 to December 1946)
- November 1941 or earlier

- 15** In total, how many years of active-duty military service has this person had?

- Less than 2 years
- 2 years or more

You are finished with the survey. Thank you for participating in the American Community Survey.