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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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)

Prepared by Kristen A. Hughes and David J. Mingay 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.

[] Y	es, now on active duty
[] Y	es, on active duty during the last 12 months, but not now
[] Y	es, on active duty in the past, but not during the last 12 months
[]N	o, training for Reserves or National Guard only ->SKIP to question 22
[]N	o, 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 SURVEY

U.S. DEPARTMENT OF COMMERCE

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



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Telephone Device for the Deaf (TDD): Cail 1-800-582-8330. The telephone call is free.

¿NECESITA AYUDA? Si usted habla español necesita avuda para completar su cuestionario, ilame 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)

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

M

Area Code + Number

Date (Month/Dav/Year)

How many people are living or staying at this address?

Sign of the Secret Control of the Control of the Secretary of

- Number of people
- Please turn to the next page to continue.

List of Res	sidents		What is this person's sex?	What is this person's date of birth and what is this person's age? Print numbers in boxes.	How is this person related to Person 1?
READ THESE INSTRUCTIONS FIRST	Person 1 Last Name (Please print)		☐ Maie	Month Day Year of birth	Person 1 (Person 1 is the person living or staying here in whose name this house or
Please fill out this form as soon as possible after receiving it in the mail.	First Name	MI	- Female	Age (in years)	apartment is owned, being bought, or rented. If there is no such person, start with the name of any adult living or
 LIST everyone who is living or staying here for more than 2 months. 					staying here.) Relationship of Person 2 to Person 1.
 LIST anyone else staying here who does not have another usual place to stay. 	Person 2 Last Name (Please print)		☐ Male	Month Day Year of birth	Husband or wife Son or daugnter Brother or sister Roomer, boarder Housemate, roommate
 DO NOT LIST anyone who is living somewhere else for more than 2 months, such as a <u>college student</u> living away. 	First Name	MI	☐ Femaie	Age (in years)	Father or mother Grandchild Foster child Other nonrelative
	Person 3				Relationship of Person 3 to Person 1.
IF YOU ARE NOT SURE WHOM TO LIST, CALL 1–800–354–7271.	Last Name (Please print)		☐ Male ☐ Female	Month Day Year of birth	Husband or wife Son or daughter Brother or sister Father or mother Housemate, roommate Unmarried partner
	First Name	Mί		Age (in years)	Grandchild Foster child Other nonrelative
	Person 4				Relationship of Person 4 to Person 1.
	Last Name (Please print)		☐ Male	Month Day Year of birth	Husband or wife Son or daughter Brother or sister Unmarried partner
	First Name	МІ	Ŭ Female	Age (in years)	Father or mother Grandchild Foster child Other nonrelative
	Person 5				Relationship of Person 5 to Person 1.
	Last Name (Please print)		☐ Male	Month Day Year of birth	Husband or wife Roomer, boarder Son or daughter Housemate, roommate
	First Name	MI	Female	Age (in years)	Father or mother Grandchild Grandchild Other nonrelative
•	2.4v		1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Other relative
If there are more than five people, list them here.	Person 6		Pérson	7	Person 8
	Last Name (Please print)		Last Name		Last Name
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.	First Name	MI	First Name	MI	First Name MI

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0	Please copy the name of Person 1 from the List of Residents on page 2, then continue answering questions below. Last Name	0	What is the hig this person has If currently enro highest degree
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			7th grade or
_			9th grade
Ø	Where was this person born?		10th grade
_	In the United States – Print name of state.		
			11th grade -
	Outside the United States – Print name of foreig		HIGH SCHOOL
	country, or Puerto Rico, Guam, etc.	"	DIPLOMA or
			Some college
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8	Is this person a CITIZEN of the United States?		Associate de
	\bigcirc Yes, born in the United States \rightarrow Skip to 10a	İ	Bachelor's de
	Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas		Master's deg MEd, MSW, I
	Yes, born abroad of American parent or parents	:	U Professional
	Yes, U.S. citizen by naturalization		LLB, JD)
	No, not a citizen of the United States	\perp	☐ Doctorate o
9	When did this person come to live in the United States? Print numbers in boxes. Year	O	a. Did this pers apartment 1 Person is a the next of Yes, this h
0	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 high school diploma or a college degree.	a	column No, outsic foreign co below; the
	No, has not attended in the last 3 months → SKIP to question 11		☐ No, differ
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	Yes, private school, private college		Name of city
	b. What grade or level was this person attending? Mark (X) ONE box.		. Didahir
	Nursery school, preschool		c. Did this perso
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	Grade 1 to grade 4		
	Grade 5 to grade 8		☐ No, outsic
	Grade 9 to grade 12	1	Name of count
	College undergraduate years (freshman to	1	
	senior)		Name of state
	Graduate or professional school (for example: medical, dental, or law school)		
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Your answers are important! Every person in the American Community Survey counts.

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.	If this person is UNDER 15 years of age, SKIP to the questions for PERSON 2 on page 5. Otherwise, continue with question 13.
No schooling completed	مم سودار برمد بنا مساعده الكانف بودن و درون
Nursery school to 4th grade	
Sth grade or 6th grade	Has this person ever served on active duty in
☐ 7th grade or 8th grade	the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include
9th grade	training for the Reserves or National Guard, but
10th grade	DOES include activation, for example, for the
11th grade	Persian Gulf War.
12th grade - NO DIPLOMA	Yes, now on active duty
HIGH SCHOOL GRADUATE – high school DIPLOMA or the equivalent (for example: GED)	Yes, on active duty during the last 12 months, but not now
Some college credit, but less than 1 year	Yes, on active duty in the past, but not during the last 12 months
1 or more years of college, no degree	No, training for Reserves or National Guard
Associate degree (for example: AA, AS)	only → SKIP to
Bachelor's degree (for example: BA, AB, BS)	\bigcup No, never served in the military \rightarrow SKIP to \bigcirc
Master's degree (for example: MA, MS, MEng,	
MEd, MSW, MBA)	When did this person serve on active duty in the U.S. Armed Forces? Mark (X) a box for EACH
Professional degree (for example: MD, DDS, DVM, LLB, JD)	period in which this person served.
Doctorate degree (for example: PhD, EdD)	September 2001 or later
a. Did this person live in this house or	Qugust 1990 to August 2001 (including Persian Gulf War)
apartment 1 year ago?	September 1980 to July 1990
Person is under 1 year old → SKIP to jin the next column.	May 1975 to August 1980
Yes, this house \rightarrow SKIP to $\stackrel{\circ}{}$ in the next	☐ Vietnam era (August 1964 to April 1975)
column	☐ March 1961 to July 1964
No, outside the United States – Print name of	February 1955 to February 1961
foreign country, or Puerto Rico, Guam, etc.,	Korean War (July 1950 to January 1955)
below; then SKIP to in next column.	January 1947 to June 1950
	World War II (December 1941 to December 1946)
_	
No, different house in the United States	○ November 1941 or earlier
b. Where did this person live 1 year ago?	In total, how many years of active-duty
Name of city, town, or post office	military service has this person had?
	Less than 2 years
e Did this porcon live incide the limits of the	2 years or more
c. Did this person live inside the limits of the city or town?	
○ Yes	
· ·	Continue with the questions for Person 2 on the next page. If only 1 person is listed in
No, outside the city/town fimits	the List of Residents, you are finished with
Name of county	the survey. Thank you for participating in the American Community Survey.

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



Person 2

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		(for example: medical, dental, or law school)
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the next page. If only 2 persons are listed in	I No, outside the cityftown limits	4 aberg of f aberd
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	city or town?	Unitsery school, preschool
S years or more	. Did this person live inside the limits of the	
		b. What grade or level was this person attending? Mark (X) ONE box.
Less than 2 years	anne read to tumor (fire to anne)	1
In total, how many years of active-duty military service has this person had?	Name of city, town, or post office	Test, private school, private college
while evites to seem unear mod letot al	So Where did this person live 1 year ago?	
1211102 10 1561 1201112404 (No, different house in the United States	Mo, has not attended in the last 3 months → 5Kip to question 11
November 1941 or earlier		
World War II (December 1941 to December 1946		high school diploma or a college degree.
0261 anul of 1941 yneunel	below; then SKIP to in next column.	Include only nursery or preschool, kindergarten, elementary school, and schooling which leads to a
Korean War (July 1950 to January 1955)	foreign country, or Puerto Rico, Guam, etc.,	person attended regular school or college?
February 1955 to February 1961	No, outside the United States – Print name of	a. At any time IN THE LAST 3 MONTHS, has this
March 1961 to July 1964	τοίυπη	
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(SYS) high of 486t fagura era (enrice)	the next column.	7e9Y
0861 JaupuA of 2761 yeM	Person is under 1 year old → SKIP to .	United States? Print numbers in boxes.
Oeer ylut of 08er 1980	apartment 1 year ago?	When did this person come to live in the
Persian Gulf War)	. Did this person live in this house or	
pnibulani) 1002 IsupuA of 0001 IsupuA	(and (and) and upon and an income of	Mo, not a citizen of the United States
September 2001 or later	Doctorate degree (for example: PhD, EdD)	Yes, U.S. citizen by naturalization
period in which this person served.	(Of '817	supplied to availed upartation of a pooling trace of
the U.S. Armed Forces? Mark (X) a box for EACH	Professional degree (for example: MD, DDS, DVM,	Islands, or Northern Marianas
When did this person serve on active duty in	Med, MSW, MBA) Med, MSW, MBA)	Yes, born in Puerto Rico, Guam, the U.S. Virgin
○ No, never served in the military → SKIP to		Yes, born in the United States → Skip to 10a
ouly → 5KIP to	Bachelor's degree (for example: AA, AB, BS))
☐ No, training for Reserves or National Guard	Associate degree (for example: AA, AS)	Is this person a CITIZEN of the United States?
during the last 12 months	1 or more years of college, no degree	
Yes, on active duty in the past, but not	Some college credit, but less than 1 year	
12 months, but not now	DIPLOMA or the equivalent (for example: GED)	country, or Puerto Rico, Guam, etc.
Yes, on active duty during the last	HIGH SCHOOL GRADUATE - high school	Outside the United States – Print name of foreign
Yes, now on active duty	AMOJ910 ON - abeit ditt	
	11th grade	
DOES include activation, for example, for the Persian Gulf War.	10th grade	States of states – Print name of state.
training for the Reserves or National Guard, but	9th grade	Where was this person born?
National Guard? Active duty does not include	7th grade or 8th grade	'
the U.S. Armed Forces, military Reserves, or		
Has this person ever served on active duty in		First Name 9msM 72117
gentration extension to end seem to the seem of the se	Mursery school to 4th grade	IM American
	No schooling completed	
Otherwise, continue with question 13.	highest degree received.	Last Name
SKIP to the questions for PERSON 3 on page 6.	if currently enrolled, mark the previous grade or	answering questions below.
If this person is UNDER 15 years of age,	What is the highest degree or level of school this person has COMPLETED? Mark (X) ONE box.	
Av.		Please copy the name of Person 2 from the

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



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Entropy of the State of the Sta	1	(for example: medical, dental, or law school)
		Graduate or professional school
	Name of state ZIP Code	(Join s
		College undergraduate years (freshman to
the survey. Thank you for participating in the American Community Survey.	Vame of county	Zf abeg co g deade 2
the List of Residents, you are finished with	No, outside the city/town limits	8 aberg of 2 aberg
Continue with the questions for Person 4 on the next page. If only 3 persons are listed in		4 aberg of f aberd
20 V 20020 20 V 2003 24 4V 4V 4V 2003 25 25	sey 🗍	Kindergarten
	c. Did this person live inside the limits of the city or town?	Mursery school, preschool
2 years or more	and to stimul and object out messes side bill a	attending? Mark (X) ONE box.
Less than 2 years		b. What grade or level was this person
military service has this person had?	Name of city, town, or post office	Yes, private school, private college
In total, how many years of active-duty	b. Where did this person live 1 year ago?	Yes, public school, public college
Uovember 1941 or earlier	No, different house in the United States	£ stel and ni babnaste son sed, loU ☐
World War II (December 1941 to December 1946)		high school diploma or a college degree.
OSET anut of TAET yieunat	below; then SKIP to in next column.	Include only nursery or preschool, kindergarten, elementary school, and schooling which leads to a
Korean War (July 1950 to January 1955)	foreign country, or Puerto Rico, Guam, etc.,	person attended regular school or college?
February 1955 to February 1961	No, outside the United States - Print name of	a. At any time IN THE LAST 3 MONTHS, has this
March 1961 to July 1964	column	
(2791 lingA of 4881 rauguA) are mantely	Yes, this house → 5KIP to) in the next	
0861 12UQUA 01 2761 YEM	Person is under 1 year old → SKIP to jin the next column.	1697
September 1980 to July 1990	apartment 1 year ago?	When did this person come to live in the United States? Print numbers in boxes.
Persian Gulf War)		3
Paribubari COOS reuguA of 0991 reuguA	· 1	No, not a citizen of the United States
	(and (an insidutes) for earliest stational Co	201212 hos/all add to goals/a a tea alf
September 2001 or later	CLE, 10) Doctorate degree (for example: PhD, EdD)	Yes, U.S. citizen by naturalization
period in which this person served. September 2001 or later	Professional degree (for example: MD, DDS, DW, LLB, ID) Doctorate degree (for example: PhD, EdD)	Yes, born abroad of American parent or parents Yes, U.S. citizen by naturalization
September 2001 or later	MEA, MSW, MBA) Med, MSW, MBA)	Yes, U.S. citizen by naturalization
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.	Med, MSW, MBA) Med, MSW, MBA) Professional degree (for example: MD, DDS, DVM,	Islands, or Northern Marianas Yes, born abroad of American parent or parents Yes, U.S. citizen by naturalization
only → 5klp to No, never served in the military → 5klp to ' 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 2007 or later	MEA, MSW, MBA) Med, MSW, MBA)	Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Morthern Marianas Yes, born abroad of American parent or parents Yes, U.S. citizen by naturalization
Mo, training for Reserves or National Guard only → 5klp to ' No, never served in the military → 5klp to ' 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 2007 or later	Bachelor's degree (for example: BA, AB, BS) Med, MSW, MBA) Professional degree (for example: MD, DDS, DVM, MD, DV)	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, L.S. citizen by naturalization
during the last 12 months No, training for Reserves or National Guard only — 5klp to No, never served in the military — 5klp to (**) 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.	1 or more years of college, no degree Associate degree (for example: AA, AS, MS) Bachelor's degree (for example: MA, MS, MEng, MEng, MSW, MBA) Professional degree (for example: MD, DDS, DVM, MBA)	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, L.S. citizen by naturalization
To months, but not now additional state of the past, but not during the last 12 months during the last 12 months only → 5klP to only → 5klP to only → 5klP to only → 5klP to when did this person serve on active duty in the U.S. Armed Forces? Mark KIS a box for EACH period in which this person served.	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) Med, MSW, MBA) Professional degree (for example: MD, DDS, DVM, ABA)	Sountry, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Yes, born abroad of American parent or parents Yes, L.S. citizen by naturalization
Yes, on active duty during the last 12 months, but not now during the last 12 months Only → 5klp to Only → 5klp to No, never served in the military → 5klp to When did this person serve on active duty in the U.S. Ammed Forces? Mark Kl9 a box for EACH The U.S. Ammed Forces? Mark Kl9 a box for EACH period in which this person served.	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, BS) Bachelor's degree (for example: BA, AB, BS) Med, MSW, MBA) Professional degree (for example: MD, DDS, DVM, CLLB, ID)	1s 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
To months, but not now additional state of the past, but not during the last 12 months during the last 12 months only → 5klP to only → 5klP to only → 5klP to only → 5klP to when did this person serve on active duty in the U.S. Armed Forces? Mark KIS a box for EACH period in which this person served.	HIGH SCHOOL GRADUATE – high school HIGH SCHOOL GRADUATE – high school DIPLOMA or the equivalent (for example: GED) Some college credit, but less than 1 year of or more years of college, no degree Associate degree (for example: AA, AS) Bachelor's degree (for example: BA, AB, BS) Med, MSW, MBA) Professional degree (for example: MA, MS, MEng, MEd, MSW, MBA) Professional degree (for example: MD, DDS, DVM,	Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in the United States — Skip to 10a Yes, born in Puerro Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Yes, born abroad of American parent or parents Yes, Los additional parents
Yes, now on active duty Yes, on active duty during the last 12 months, but not now 4 during the last 12 months Only → 5klp to No, realining for Reserves or National Guard only → 5klp to No, never served in the military → 5klp to When did this person serve on active duty in the U.S. Armed Forces? Mark Kl9 a box for EACH Bertod in which this person served.	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, BS) Bachelor's degree (for example: BA, AB, BS) Med, MSW, MBA) Professional degree (for example: MD, DDS, DVM, CLLB, ID)	In the United States – Print name of state. Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Stands, or Northern Marianas Yes, born abroad of American parent or parents
DOES include activation, for example, for the persian Gulf War. Yes, now on active duty during the last 12 months, but not now during the last 12 months, but not now during the last 13 months only — 5kip to only — 5	11th grade - NO DIPLOMA 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) Med, MSW, MBA) Professional degree (for example: MA, MS, MEng, B) Red, MSW, MBA) WO DOS, DVM, ABA)	Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in the United States — Skip to 10a Yes, born in Puerro Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Yes, born abroad of American parent or parents Yes, Los additional parents
National Guard? Active duty does not include training for the Reserves or National Guard, but to DOES include activation, for example, for the Persian Gulf War. Yes, now on active duty during the last 1 months, but not now adming the last 12 months, but not now during the last 12 months. No, training the last 12 months No, realining to Reserves or National Guard only → 5k/P to only → 5k/P	11th grade 11th grade - NO DIPLOMA 12th grade - NO DIP	In the United States – Print name of state. Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Stands, or Northern Marianas Yes, born abroad of American parent or parents
the U.S. Armed Forces, military Beserves, 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, on active duty during the last 12 months, but not now during the last 12 months. No., realining the Reserves or National Guard uning the last 12 months. No., realining tor Reserves or National Guard only — 5klp to o	7th grade or 8th grade 9th grade 9th grade 9th grade 9th grade 10th grade 11th grade 11th grade 12th grade 12th grade 10th gra	Mhere was this person born? In the United States – Print name of state. Countity, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? I Yes, born in the United States → Skip to 10a Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Stands, or Morthern Marianas Yes, born abroad of American parent or parents
National Guard? Active duty does not include training for the Reserves or National Guard, but to DOES include activation, for example, for the Persian Gulf War. Yes, now on active duty during the last 1 months, but not now adming the last 12 months, but not now during the last 12 months. No, training the last 12 months No, realining to Reserves or National Guard only → 5k/P to only → 5k/P	7th grade or 8th grade 10th grade 11th grade - NO DIPLOMA 11th grade - NO DIPLOMA 12th grade	In the United States – Print name of state. Outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Stands, or Northern Marianas Yes, born abroad of American parent or parents
the U.S. Armed Forces, military Beserves, 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, on active duty during the last 12 months, but not now during the last 12 months. No., realining the Reserves or National Guard uning the last 12 months. No., realining tor Reserves or National Guard only — 5klp to o	7th grade or 6th grade 9th grade 9th grade 9th grade 9th grade 9th grade 10th grade 11th grade 11th grade 11th grade 12th grade 10th grad	Mhere was this person born? In the United States – Print name of state. Country, or Puerro Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in Puerro Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Sea, born of Marianas Yes, born abroad of American parent or parents Yes, born abroad of American parent or parents
Has this person ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include tranning dor the Reserves or National Guard; but DOES include activation, for example, for the Persian Gulf War. ☐ Yes, on active duty during the last ☐ Yes, on active duty in the past, but not during the last 12 months, but not now ☐ Only → SkiP to ☐ No, realining for Reserves or National Guard only → SkiP to ☐ No, never served in the military → SkiP to ☐ No, never served in the military → SkiP to ☐ This person serve on active duty in the U.S. Armed Forces? Mark KIP is box for EACH When did this person serve on active duty in person served. ☐ September 2001 or later	Nursery school to Ath grade Strh grade or 6th grade Strh grade or 6th grade Other grade or 8th grade Other grade Oth	Mhere was this person born? In the United States – Print name of state. Country, or Puerro Rico, Guam, etc. Is this person a CITIZEN of the United States? Yes, born in Puerro Rico, Guam, the U.S. Virgin Islands, or Northern Marianas Sea, born of Marianas Yes, born abroad of American parent or parents Yes, born abroad of American parent or parents
Has this person ever served on active duty in Wational Guard? Active duty in Wational Guard? Active duty does not include training for the Reserves or National Guard? Active duty does not include training for the Reserves or National Guard, but persian Gulf War. Yes, now on active duty Yes, no active duty in the past, but not now during the last 12 months. Duty in the past, but not only -> 5kp to on active duty in the past, but not only -> 5kp to on active duty in the past. Duty in the last 12 months. Wo, training for Reserves or National Guard only -> 5kp to on active duty in the military -> 5kp to on active duty in the military -> 5kp to on active duty in the military -> 5kp to on active duty in the military -> 5kp to on active duty in Served.	Mursery schooling completed Nursery school to 4th grade Sth grade or 6th grade Oth grade or 8th grade Oth	First Name Where was this person born? In the United States – Print name of state. Country, or Puerto Rico, Guam, etc. Is this person a CITIZEN of the United States? Is this person a CITIZEN of the United States? Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas States – Skip to 10a Yes, born abroad of American parent or parents Yes, born abroad of American parent or parents

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

	Last Name	- 1	mg/re.
		ļ	∐ No
	First Name	Mi	Ų Nu
		- 1	
		-	🗌 7th
O	Where was this person born?	ļ	O 9th
U	In the United States – Print name of state.	ĺ	10
	and the office states with theme of state.		111
		[121
	Outside the United States - Print name of for	eign	🗆 ніс
	country, or Puerto Rico, Guam, etc.	ŀ	DIF
			Ų Sor
		- 1	U 1 0
(3)	Is this person a CITIZEN of the United States?		U Ass
	\bigcirc Yes, born in the United States \rightarrow Skip to 10a	i	U Ba
	Yes, born in Puerto Rico, Guam, the U.S. Virgi	n	U Ma ME
	Islands, or Northern Marianas	-	Pro
	Yes, born abroad of American parent or paren	nts	LLE
	Yes, U.S. citizen by naturalization	ļ	O Do
	No, not a citizen of the United States	À	
0	When did this person come to live in the	Q	a. Did
	United States? Print numbers in boxes.	1	
	Year	İ	
		-	
		Ì	
W	a. At any time IN THE LAST 3 MONTHS, has this		\cup
	person attended regular school or college? Include only nursery or preschool, kindergarter		
	elementary school, and schooling which leads t		
	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		b. Whe
	Yes, private school, private college	j	Nan
	b. What grade or level was this person		
	attending? Mark (X) ONE box.		
	Nursery school, preschool		c. Did city
	☐ Kindergarten	1	
	Grade 1 to grade 4		\simeq
	Grade 5 to grade 8		؛ ب
	Grade 9 to grade 12		Name
	College undergraduate years (freshman to		
	senior)		Name
	Graduate or professional school	,	
eg (1	for example: medical, dental, or law schoo) জন্ম বাছাৰ সংগ্ৰাহণ প্ৰথম প্ৰথম কৰা বাছাৰ বিষয়ে ক		iga wir
let e			



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

What is the highest degree this person has COMPLE if currently enrolled, mark highest degree received.	TED? Mark (X) ONE box. the previous grade or	If this person is UNDER 15 years of age, SKIP to the questions for PERSON 5 on page 8. Otherwise, continue with question 13.
No schooling complete		Auto-
Nursery school to 4th g	4	
Sth grade or 6th grade		Has this person ever served on active duty in
7th grade or 8th grade		the U.S. Armed Forces, military Reserves, or National Guard? Active duty does not include
9th grade		training for the Reserves or National Guard, but
10th grade		DOES include activation, for example, for the Persian Gulf War.
11th grade		
12th grade – NO DIPLO)MA	Yes, now on active duty
DIPLOMA or the equiva	ATE – high school elent (for example: GED)	Yes, on active duty during the last 12 months, but not now
Some college credit, bu	t less than 1 year	Yes, on active duty in the past, but not during the last 12 months
1 or more years of colle	ge, no degree	No, training for Reserves or National Guard
Associate degree (for ex	rample: AA, AS)	only SKIP to :
Bachelor's degree (for e	example: BA, AB, BS)	\square No, never served in the military \rightarrow SKIP to
Master's degree (for example) MEd, MSW, MBA)	ample: MA, MS, MEng,	When did this person serve on active duty in
Professional degree (for LLB, JD)	r example: MD, DDS, DVM,	the U.S. Armed Forces? Mark (X) a box for ÉACH period in which this person served.
Doctorate degree (fo	r example: PhD, EdD)	September 2001 or later
a. Did this person live in a apartment 1 year ago?	this house or	August 1990 to August 2001 (including Persian Gulf War)
		September 1980 to July 1990
the next column.	ar old \rightarrow SKIP to \bigcirc in	May 1975 to August 1980
	IP to ', in the next	Urietnam era (August 1964 to April 1975)
column	" to , in the next	☐ March 1961 to July 1964
No, outside the Unite	ed States - Print name of	February 1955 to February 1961
	uerto Rico, Guam, etc.,	Corean War (July 1950 to January 1955)
below; then SKIP to	j in next column.	January 1947 to June 1950
		World War II (December 1941 to December 1946)
No, different house in	n the United States	November 1941 or earlier
b. Where did this person	live 1 year ago?	In total, how many years of active-duty
Name of city, town, or		military service has this person had?
,,		Less than 2 years
		2 years or more
c. Did this person live insi city or town?	de the limits of the	_ Lycan or more
Yes	',	Continue with the questions for Person 5 on
No, outside the city/to	own limits	the next page. If only 4 persons are listed in
Name of county		the List of Residents, you are finished with the survey. Thank you for participating in the American Community Survey.
Name of state	ZIP Code	
Name of state		en trastilla de la compansa que br>La compansa de la compansa que

Please copy the name of Person 5 from the List of Residents on page 2, then continuanswering questions below. Last Name	ne e	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	If this person is UNDER 15 years of age, SKIP to . Otherwise, continue with question 13.
	MI	Nursery school to 4th grade	Service and the service of the servi
risk Name	IVII	Sth grade or 6th grade	Has this person ever served on active duty in
	-	7th grade or 8th grade	the U.S. Armed Forces, military Reserves, or
	ĺ	9th grade	National Guard? Active duty does not include training for the Reserves or National Guard, but
Where was this person born? In the United States – Print name of state.			DOES include activation, for example, for the
		11th grade	Persian Gulf War.
	į	12th grade – NO DIPLOMA	Yes, now on active duty
Outside the United States - Print name of foreign country, or Puerto Rico, Guam, etc.		HIGH SCHOOL GRADUATE ~ high school DIPLOMA or the equivalent (for example: GED)	Yes, on active duty during the last 12 months, but not now
•		Some college credit, but less than 1 year	Yes, on active duty in the past, but not during the last 12 months
•		1 or more years of college, no degree	No, training for Reserves or National Guard
Is this person a CITIZEN of the United States?		Associate degree (for example: AA, AS)	only → SKIP to
\bigcirc Yes, born in the United States \rightarrow Skip to 10a		Bachelor's degree (for example: BA, AB, BS)	\bigcup No, never served in the military \rightarrow SKIP to \bigcirc
Yes, born in Puerto Rico, Guam, the U.S. Vi Islands, or Northern Marianas	irgin	☐ Master's degree (for example: MA, MS, MEng, MEd, MSW, MBA)	When did this person serve on active duty in
Yes, born abroad of American parent or pa	arents	□ Professional degree (for example: MD, DDS, DVM, LLB, JD)	the U.S. Armed Forces? Mark (X) a box for EACH period in which this person served.
Yes, U.S. citizen by naturalization			September 2001 or later
No, not a citizen of the United States		Doctorate degree (for example: PhD, EdD)	
When did this person come to live in the United States? Print numbers in boxes.	Œ	a. Did this person live in this house or apartment 1 year ago?	☐ August 1990 to August 2001 (including Persian Gulf War) ☐ September 1980 to July 1990
Year		Person is under 1 year old → SKIP to in the next column.	May 1975 to August 1980
		Yes, this house → SKIP to) in the next column	☐ Vietnam era (August 1964 to April 1975) ☐ March 1961 to July 1964
a. At any time IN THE LAST 3 MONTHS, has person attended regular school or collet include only nursery or preschool, kindergar elementary school, and schooling which lead high school diploma or a college degree.	ge? ten,	No, outside the United States – Print name of foreign country, or Puerto Rico, Guam, etc., below; then SKIP to	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
No, has not attended in the last 3 months \rightarrow SKIP to question 11		☐ No, different house in the United States	November 1941 or earlier
Yes, public school, public college		b. Where did this person live 1 year ago?	In total, how many years of active-duty
Yes, private school, private college		Name of city, town, or post office	military service has this person had?
b. What grade or level was this person attending? Mark (X) ONE box.		<i>,</i>	Less than 2 years
Nursery school, preschool		c. Did this person live inside the limits of the	2 years or more
Kindergarten		city or town?	
Grade 1 to grade 4		Yes	You are finished with the survey.
Grade 7 to grade 4 Grade 5 to grade 8 Grade 9 to grade 12		No, outside the city/town limits Name of county	Thank you for participating in the American Community Survey.
Graduate or professional school (for example: medical, dental, or law sch	1001)	Name of state ZIP Code	
The state of the s	and the second	gote see the second of the sec	

Your answers help your community plan for the future.