



MASTER FILE

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DSSD CENSUS 2000 PROCEDURES AND OPERATIONS MEMORANDUM SERIES # EE - 1

MEMORANDUM FOR Michael J. Longini
Chief, Decennial Systems and Contracts Management Office

From: Howard Hogan *Howard Hogan*
Chief, Decennial Statistical Studies Division

Attention: Suzanne Fratino
Chief, Telephone Questionnaire Assistance Staff
Decennial System and Contracts Management Office

Subject: Draft Evaluation Data Requirements for Telephone Questionnaire
Assistance in Census 2000

Attached are three specifications for the Telephone Questionnaire Assistance (TQA) program in Census 2000. Attachment A contains the TQA specifications with the evaluation data requirements incorporated within the existing specifications. Attachment B contains the evaluation file layout of the data produced by the GEOTEL system. Attachment C contains the evaluation file layout of the data produced during the TQA operation. If you have any questions or comments on the specifications please contact James Treat on (301) 457-4276 or John Chesnut on (301) 457-8025.

Attachments

cc: DSSD CENSUS 2000 PROCEDURES AND OPERATIONS MEMORANDUM SERIES
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Attachment A

Telephone Questionnaire Assistance Specifications which include Evaluation Output Requirements

2000 TQA Specifications

March 26, 1999

tqa4_scv5.doc

Output Requirement:

A) Create the following variables at the beginning of each call. Initialize all integer variables with 0 values and all character variables with blanks.

INTRO	INTE	HOUSUNTS	INTE	POPOTH	CHAR
KEYVAL1	CHAR	HOUSANS	INTE	OTHCNT3	INTE
KEYVAL2	CHAR	ID	INTE	RESLOC	INTE
KEYVAL3	CHAR	CENID	INTE	RESLCANS	INTE
KEYINV1	CHAR	ID2	INTE	ROSTHLP	INTE
KEYINV2	CHAR	INITMAIL	INTE	WHOLONG	INTE
KEYINV3	CHAR	INFOCK	INTE	WHOFIRS	INTE
INVALID	INTE	INFOANS	INTE	HOWWRIT	INTE
RCATI	INTE	MAILEXP	INTE	WHOINC	INTE
ATMOT	INTE	LANTHKS	INTE	WHONOT	INTE
ATANS	INTE	LANGUID	INTE	THANKS1	INTE
COMPLAIN	INTE	LANSSEL	INTE	THANKS2	INTE
PRIVACY	INTE	LFEXPL	INTE	THANKS5	INTE
MANDTORY	INTE	LIVEHOU	INTE	THANKSNR	INTE
CALLBACK	INTE	ANSHOU	INTE	THANKNR2	INTE
CALLNAME	INTE	MAILADD	INTE	FORMTYPE	INTE
PHONE	INTE	MLADDPR	INTE	WVISIT	INTE
CONFIDEN	INTE	FNAME2	INTE	WVISIT2	INTE
COMLONG	INTE	MI2	INTE	NOTMAIL	INTE
COMENUM	INTE	LNAME2	INTE	PRCOUNT	INTE
OTHLANG	INTE	ADDRESS2	INTE	ANIFILL	INTE
CURRADD	INTE	NOTSTREET	INTE	ANICORR	INTE
RESIDENC	INTE	APTNUM2	INTE	CHKDIG	INTE
DISREG1	INTE	APTNA2	INTE	JNKCNT1	INTE
DISREG2	INTE	CITY2	INTE	JNKVALU1	CHAR
OTHLANG	INTE	STATE2	INTE	JNKCNT2	INTE
OTCMPLNT	CHAR	ZIP2	INTE	JNKVALU2	CHAR
OTHCNT1	INTE	TQAZIP	INTE	JNKCNT3	INTE
CMPLTFRM	INTE	DEVLPNAM2	INTE	JNKVALU3	CHAR
FILLFORM	INTE	COUNTY2	INTE	JNKCNT4	INTE
ACS	INTE	PHYDES2	INTE	JNKVALU4	CHAR
BCF	INTE	MISSINF	INTE	JNKCNT5	INTE
FORMGUI	INTE	MISSPER	INTE	JNKVALU5	CHAR
LANGFRM	INTE	MORETQA	INTE	UHEFLAG	INTE
FORMS1	INTE	MOTINT	INTE		
GQ1	INTE	MOTINT2	INTE		
GQ1ANS	INTE	MOT2	INTE		
GQ2	INTE	NOINTV	INTE		
HOUSQUE	INTE	NOINTV2	INTE		
OWNRENT	INTE	NRFU	INTE		
BUILD	INTE	OTHSURV	INTE		
ROOMS	INTE	POPQUEST	INTE		
PLUMKIT	INTE	ROSTER	INTE		
BUSMED	INTE	RELATION	INTE		
ACRES	INTE	HISPORI	INTE		
UTILITY	INTE	RACE	INTE		
RENT	INTE	ANCEST	INTE		
MORTG	INTE	WORK	INTE		
PROPERTY	INTE	JOURWRK	INTE		
OTHHOUS	CHAR	INDSTOCC	INTE		
OTHCNT2	INTE	INCOME	INTE		

B) Create each of the following system variables and set them accordingly

CASEID:	CHAR	Geotel assigned unique identification number
OSSCASID:	CHAR	Assign unique TQA identification number
INTVWRID:	CHAR	Assign agent's identification number to call
CENTERID:	CHAR	Assign Call Center's identification number to call
FORMTYPE:	CHAR	Retains callers census form type
RCATSTRT:	CHAR	Time stamp set at point when census short form interview begins (EST, military time)
RCATIEND:	CHAR	Time stamp set at point when census short form interview ends (EST, military time)

>intro_incoming<

Output Requirement:

Increment INTRO variable by one each time this screen is accessed.

Hello. I'm (Interviewers Name). You've reached the Census 2000 help line.

How may I help you?

(Show a screen to the operator with the most common key words. Operator then chooses from the key words listed or types in a key word if they cannot find a match on the keyword screen.)

Type key words (such as form/questionnaire, language, complaint) or question numbers in the box below, if necessary.

Output Requirement: Store first three valid keyword strings entered or selected in KEYVAL1, KEYVAL2, and KEYVAL3 variable. Store first three invalid keyword strings entered in KEYINV1, KEYINV2, and KEYINV3. Increment INVALID by one each time an invalid keyword is entered.

(T) Telephone Interview

[@] <T> go to reverse CATI path

Output Requirement: Set RCATI = 14.

Note: We want to utilize CTI (Computer Telephone Integration) to feed information about prior selections from IVR.

In the space indicated, the interviewer will type in key words that will bring up the appropriate screens.

For Example, if key words contain:

Complaint	go to >complaint<
Receive more than 1 form	go to >forms1<
Did not receive a form	go to >initmail_ckitem<
Needs replacement form	go to >id<
Difficulty reading/understanding form	go to >id<
Wants to complete form now	go to >id<
Incorrect address on form	go to >disregard<
Don't live at this address most of the time	go to >notmot<
Why long form	go to >lf_expl<
Need assistance with language you cannot speak	go to >lang_thanks<
Population questions	go to >pop_quest<
Housing questions	go to >housing_quest<
*Why was I visited by a census enumerator	go to >NRFU<
More than one residence	go to >getall_addr<
Want foreign language form	go to >language_guide< If PR go to >form_guide<
Received form at non-residential location	go to >housing_unit<

Missing information on form

go to>info_ck<

*only available in late April
(during NRFU)

Program Note: After the knowledge base to obtain information, interview should be cycled to
>more_tqa<

>at_mot<

Output Requirement: Increment ATMOT by one.

Are you currently at the place where you live or stay most of the time?

(1) Yes

(2) No

If yes, go to >have_form<

If no, go to >mot_intv2<

Output Requirement: If (1) then set ATANS = 1.

If (2) then set ATANS = 2.

>call_back<

Output Requirement:

Increment CALLBACK variable by one each time this screen is accessed.

Without a complete ID number, I cannot take your census information over the phone right now.
I can have someone who can assist you call back in the next week or so.

Can I have a name and phone number where you can be reached?

NAME: _____

PHONE: (_____) - _____ - _____

If R go to >thanks1<

Go to >more_tqa<

Send case for callback.

Output Requirement:

If name is not blank set CALLNAME = 1.

If phone is not blank set PHONE = 1.

>complaint<

Output Requirement:

Increment COMPLAIN variable by one each time this screen is accessed.

ENTER Caller's Complaint

- (1) Census is an invasion of privacy
- (2) Questioned mandatory nature of census
- (3) Confidentiality concerns
- (4) Complained about receiving a long form
- (5) Complained of enumerator visit when form has been mailed
- (6) Wanted a form mailed to them in a language other than English
- (7) Other general complaint, specify: _____

Refer to data base for answers

Output Requirement:

- If (1) then increment PRIVACY variable by one.
- If (2) then increment MANDTORY variable by one.
- If (3) then increment CONFIDEN variable by one.
- If (4) then increment COMLONG variable by one.
- If (5) then increment COMENUM variable by one.
- If (6) then increment OTHLANG variable by one.
- If (7) then store first complaint entered for option (7) into OTCMPLNT.
and increment OTHCNT1 by one.

>complete_form<

Output Requirement: Increment CMPLTFRM by one.

The person/persons who reside at the address should complete the form and return it in the postage-paid envelope provided.

>more_tqa<

>curr_add<

Output Requirement:

Increment CURRADD variable by one.

Are any of the forms for the residence where you currently reside?

1) Yes

2) No

If 1, go to >fill_form<

If 2, go to >disregard<

Output Requirement:

If (1) then set RESIDENC = 1.

If (2) then set RESIDENC = 2.

>disregard<

Output Requirement:

Increment DISREG1 variable by one.

Please write "wrong address" on the front of the envelope and return it to your mail carrier.

If >intro_incoming< = incorrect address:

 If before 4/8 then set formtype=missing and go to >mail add<

 If on or after 4/8 then set formtype=missing and go to Reverse CATI path

Output Requirement: If reverse CATI path is chosen then RCATI = 1

If >intro_incoming< = received more than one form (or came from >curr_add< screen):

 If before 4/8 then go to >mail_add<

 If on or after 4/8 then go to >mot_intv<

>disregard2<

Output Requirement:

Increment DISREG2 variable by one.

Thank you for your interest in Census 2000. Given your situation it's best for us to send a census worker to collect your information.

>more_tqa<

>eng_othlanq<

Output Requirement:

Increment OTHLANG by one.

The Census Bureau provided English language Census 2000 forms to all households throughout the U.S. Someone in your household may have requested the form in another language. Complete whichever form is easiest for you and disregard the other.

Please mail your completed form in the return envelope provided.

Go to >more_tqa<

>fill_form<

Output Requirement:

Increment FILLFORM variable by one.

Fill in one of the forms for your residence and return it in the postage-paid envelope provided and disregard the other form.

Go to >more_tqa<

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
 Date Created : 03-26-1999

#	Field	Field description	length	Positions	
				beg	End
30.	FILLFORM	Counter for fillform screen 0 = initial value 1 - 99 = possible count values	2	221 -	222 INTE
31.	ACS	Counter for ACS screen 0 = initial value 1 - 99 = possible count values	2	223 -	224 INTE
32.	BCF	Counter for BCF screen 0 = initial value 1 - 99 = possible count values	2	225 -	226 INTE
33.	FORMGUI	Counter for form_guide scrn 0 = initial value 1 - 99 = possible count values	2	227 -	228 INTE
34.	LANGFRM	Answer to form_guide screen 1 = English 2 = Spanish	1	229 -	229 INTE
35.	FORMS1	Counter for forms1 screen 0 = initial value 1 - 99 = possible count values	2	230 -	231 INTE
36.	GQ1	Counter for groupquarters1 0 = initial value 1 - 99 = possible count values	2	232 -	233 INTE
37.	GQ1ANS	Answer to groupquarters1 screen 0 = initial value 1 = Yes 2 = No	1	234 -	234 INTE
38.	GQ2	Counter for groupquarters2 0 = initial value 1 - 99 = possible count values	2	235 -	236 INTE
39.	HOUSQUE	Counter for housing_quest scrn 0 = initial value 1 - 99 = possible count values	2	237 -	238 INTE
40.	OWNRENT	Counter for selection made at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	239 -	240 INTE
41.	BUILD	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	241 -	242 INTE
42.	ROOMS	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	243 -	244 INTE
43.	PLUMKIT	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	245 -	246 INTE
44.	BUSMED	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	247 -	248 INTE

>form_bcf<

Output Requirement:

Increment BCF variable by one.

It is important that you complete the Census 2000 form you received in the mail. That form has an identification number to make sure all forms are received. Please complete that form with the ID number and mail it back in the return envelope.

Go to >more_tqa<

>form_guide< Puerto Rico Only

Output Requirement: Increment FORMGUI by one.

The Census Bureau can send you an English language form or a Spanish language form. Would you like one?

1. English Language Form

2. Spanish Language Form

Capture (1) or (2)

go to >id2<

Output Requirement: If (1) then set LANGFRM = 1.

If (2) then set LANGFRM = 2.

>forms1<

Output Requirement:

Increment FORMS1 variable by one each time screen is accessed.

Please read me the number on each of the forms you received. The number is on the bottom left corner of the cover of the forms.

- 1) All D1 short , D1(UL), D2 long, D2(UL)long
- 2) Be Counted Form (D-10) and D1 short or D2 long
- 3) Received both an English and other language form (Spanish, Chinese, Korean, Vietnamese, or Tagalog)
- 4) Received American Community Survey form and D1 or D2
- 5) Received other Census Survey form and D1 or D2

If 1, D or R, go to >curr_add<

If 2, go to >form_bcf<

If 3, go to >eng_othlanq

If 4, go to >form_acs<

If 5, go to >othersurvey<

>Groupquarters1<

Output Requirement:

Increment GQ1 by one

If you did not live in a house, apartment, or mobile home, did you live in a place where groups of people live, for example, a college dormitory, nursing home, or emergency shelter?

1. Yes

2. No

If 1, go to >Groupquarters2<

If 2, set formtype=missing and go to >Reverse CATI<

Output Requirement:

If (1) then set GQ1ANS = 1.

If (2) then set GQ1ANS = 2 and set RCATI = 2.

) **>Groupquarters2<**

Output Requirement:
Increment GQ2 by one.

During Census 2000, census workers will visit places where groups of people stay to complete the census forms.

Go to >more_tqa<

>housing_quest<

Output Requirement: Increment HOUSQUE by one.

ENTER RESPONDENT'S HOUSING QUESTIONS

- (1) Owner/Renter
 - (2) Type of Building
 - (3) Number of Rooms
 - (4) COMPLETE Plumbing/Kitchen Facilities
 - (5) Business/Medical Office
 - (6) 10 or more acres
 - (7) Utility Costs
 - (8) Monthly Rent
 - (9) Mortgage/Second Mortgage
 - (10) Value of Property
 - (11) Other, specify
-

Programming note: check form type from IVR (D1, D1(UL), D2 or D2(UL)) and provide form question numbers as a selection option

Refer to data base for answers.

Output Requirement:

If (1) then increment OWNRENT by one.

If (2) then increment BUILD by one.

If (3) then increment ROOMS by one.

If (4) then increment PLUMKIT by one.

If (5) then increment BUSMED by one.

If (6) then increment ACRES by one.

If (7) then increment UTILITY by one.

If (8) then increment RENT by one.

If (9) then increment MORTG by one.

If (10) then increment PROPERTY by one.

If (11) then store first word entered into the variable OTHHOUS and increment OTHCNT2 by one.

>housing_units<

Output Requirement: Increment HOUSUNTS by one.

Is there a house, apartment, mobile home, room or group of rooms where people live or stay at this address?

1. Yes
2. No

If 1, go to >reside_location<

If 2, go to >disregard2<

Output Requirement: If (1) then set HOUSANS = 1.
If (2) then set HOUSANS = 2.

>id<

Output Requirement: Increment ID by one.

Programming Note:

Check information transferred from the IVR, if ID available, fill and proceed off this screen as appropriate.

If agent collects ID, perform check digit algorithm. If check fails, increment ckdig counter by one.

If ckdig = 3, then blank ID field and proceed as if no ID was available.

If valid ID then fill formtype according to digits 15-16 in the ID

11 = D1

12 = D1UL

61 = D2

62 = D2UL

If formtype already filled from IVR then overwrite with value coming from ID. Otherwise, if no valid ID provided here, keep value of formtype from IVR.

If you have the census form available, please refer to the census identification number located on the cover page underneath the bar code. What is the ID number on the form?

----- (allow 22 characters)

(N) No ID available= use value of formtype provided from IVR.

Output Requirement: Store ID number entered into variable CENID and store value of ckdig counter into variable CHKDIG

If >intro incoming< = needs replacement form:

If before 4/8 and formtype=D1, D1UL, D2 or D2UL, then go to >mail_add<

If before 4/8 and formtype is missing, then go to >mail_add<

If on or after 4/8 and formtype=D1 or D1UL go to Reverse CATI path

Output Requirement: Set RCATI = 3.

If on or after 4/8 and formtype=D2 or D2UL go to >no_intv<

If on or after 4/8 and formtype is missing go to >thanks_nr2<

If >intro incoming< = difficulty reading/understanding form:

If formtype= D1 or D1UL then go to Reverse CATI path

Output Requirement: Set RCATI = 4.

If formtype= D2 or D2UL then go to >will_visit<

If before 3/22 and formtype is missing then go to >call_back<

If on or after 3/22 but before 4/8 and formtype is missing then go to Reverse CATI path<

Output Requirement: Set RCATI = 5.

If after 4/8 and formtype is missing go to >will_visit<

If >intro incoming< = wants to complete form now:

If before 4/8 and formtype= D1 or D1UL then go to Reverse CATI path

Output Requirement: Set RCATI = 6.

If before 3/22 and formtype= D2 or D2UL then go to >will_visit2<

If before 3/22 and formtype is missing then go to >thanks2<

If on or after 3/22 and formtype= D2 or D2UL then go to >will_visit2<
If on or after 3/22 and formtype is missing then go to Reverse CATI path

Output Requirement: Set RCATI = 8.

If on or after 4/8 and formtype=D1 or D1UL then go to >will_visit<

If >intro incoming< = received form at a non-residential location:

If reside location = 1 or 3 and date is on or after 4/8 and formtype=D1 or D1UL then go to >will_visit<

Output Requirement: Set RCATI = 9.

If reside location = 1 or 3 and date is on or after 4/8 and formtype=D2 or D2UL or formtype is missing then go to >no_intv2<

If reside location = 2 and on or after 4/8 go to >disregard2<

>id2<

Output Requirement: Increment ID2 by one.

Programming Note:

Check information transferred from the IVR, if ID available, fill and proceed off this screen as appropriate.

If agent collects ID, perform check digit algorithm. If check fails, increment ckdig counter by one.

If ckdig = 3, then blank ID field and proceed as if no ID was available.

If valid ID then fill formtype according to digits 15-16 in the ID

11 = D1

12 = D1UL

61 = D2

62 = D2UL

If formtype already filled from IVR then overwrite with value coming from ID. Otherwise, if no valid ID provided here, keep value of formtype from IVR.

If you have a census form available, please refer to the census identification number located on the cover page underneath the bar code. What is the ID number on the form?

----- (allow 22 characters)

(N) No ID available= use value of formtype provided from IVR.

Output Requirement: Store id entered into variable CENID.

Store value of chkdig into variable CHKDIG .

If from >language guide< and have Census ID, set Mail Language Guide only Flag and go to >mail_add<

If from >language guide< and do not have Census ID, set Mail Language Guide and English Form Flag and go to >mail_add<

If from >form_guide< and have Census ID, Capture Census ID, and go to >mail_add<

If from >form_guide< and do not have Census ID, and go to >mail_add<

>initmail_ckitem<

Output Requirement:

Increment INITMAIL by one.

If before 03/22/00, go to >initmail_expl<

If on or after 03/22/00 and before 04/8/00, go to >live_house<

If on or after 04/8/00, go to >mot_intv<

>info_ck<

Output Requirement:

Increment INFOCK by one.

Would you like to add a person who was not included on the census form you already returned?

1. Add an additional person
2. **Do Not Read! All other requests.**

If 1 go to >missing person<

If 2 go to >missing info<

Output Requirement:

If (1) then set INFOANS = 1.

If (2) then set INFOANS = 2.

>initmail_expl<

Output Requirement:

Increment MAILEXP by one.

The Census Bureau is still delivering forms to all households for Census 2000. If you haven't received a form by March 22, please call us back.

Go to [>more_tqa<](#)

>lang_thanks<

Output Requirement: Increment LANTHKS by one.

(If you can't understand caller)

I'm sorry but we do not have anyone on staff who can assist you in your language. We appreciate all the effort you are putting into completing your form.

Thank you for calling the U.S. Census Bureau.

Go to >end<.

>language_guide<

Output Requirement: Increment LANGUID by one.

The Census Bureau will be happy send you a guide that includes a complete translation of the questions to help you complete the census form. You can choose from guides in 36 different languages. For which language do you need assistance?

Programming Note: Picklist pop once Interviewer begins entering the language stated.

- (1) Arabic
- (2) Armenian
- (3) Bengali
- (4) Cambodian
- (5) Chamorro
- (6) Chinese
- (7) Creole
- (8) Czech
- (9) Dutch
- (10) Farsi
- (11) French
- (12) German
- (13) Greek
- (14) Hindi
- (15) Hmong
- (16) Hungarian
- (17) Ilcano
- (18) Italian
- (19) Japanese
- (20) Korean
- (21) Laotian
- (22) Polish
- (23) Portuguese
- (24) Romanian
- (25) Russian
- (26) Samoan
- (27) Serbo-Croatian
- (28) Slovak
- (29) Spanish
- (30) Tagalog
- (31) Thai
- (32) Tongan
- (33) Ukrainian
- (34) Urdu
- (35) Vietnamese
- (36) Yiddish
- (37) No Guide

If 1-36, Would you like a language guide mailed to you?

If yes, go to >id2<

If no, go to >more_tqa<

If 37, I'm sorry we do not have a guide available in that language., go to >more_tqa<

Interviewers Note: If questioned about why you can't mail language form, state "The Census Bureau is providing language guides in place of translated forms".

Output Requirement:

Store selection 1-37 in LANSEL.

>LF_expl<

Output Requirement: Increment LFEXPL by one.

Your address, not you as an individual, was selected to complete a long form questionnaire. About one in every six households across the Nation received a long form. The information collected on the long form provides a more detailed overview of the population and is used in many decisions such as the funding for roads, hospitals, schools, and more. Your response is very important to the development of these and many other decisions.

go to >more_tqa<

>live_house<

Output Requirement:

Increment LIVEHOU by one.

On April 1 did you live in a house, apartment, or mobile home.

1) yes

2) no

If (1) then go to >mail_add<

If (2) then go to >groupquarters1<

Output Requirement:

If (1) then set ANSHOU = 1

If (2) then set ANSHOU = 2

>mail_add<

Output Requirement:

Increment MAILADD variable by one.

If filled from ANI, then set ANIFILL = 1

If any changes in any address field, set ANICORR =1

If PR, skip to mail_add_PR, else continue

I can have a census form mailed to you. Please provide your full name and home mailing address including apartment number and zip code:

NOTE: Have caller spell any words that are difficult

First Name: @fname_____

Middle Initial: @minitial__

Last Name: @lname_____

House number street name: @houstreet1 _____

OR [] P.O. Box or Rural RouteAddress

Programming Note: If P.O. Box or Rural Route selected, set notstreet = 1 and continue below:

P.O. Box or Rural Route information: @houstreet1_____

Apartment or unit number: @aptno1_____ OR [] NA

City/town: @city1_____

State: @state_____

Programming Note: See item >state< in short form specifications for acceptable state abbreviations;

Zip code: @zip1_____

Please provide your county: @county1_____

SPEC: If notstreet = 1 , go to 2ND address, else go to >more tqa<

2nd Address

Do you have a house number street address?

1) Yes

2) No

If yes, continue to house number street name below and store @housestreet2

If no, go to Physical Description

House number street name: @housestreet2 _____

Apartment or unit number: @aptno2 _____ OR [] NA

City/town: @city2 _____

Programming Note: Fill with city1 and pop a note telling interviewer to verify and modify as needed. Store as city2.

State: @state2 _____

Programming Note: Fill with state1 and pop a note telling interviewer to verify and modify as needed. Store as state2.

Zip code: @zip2 _____

Programming Note: Fill with zip1 and pop a note telling interviewer to verify and modify as needed. Store as zip2.

Please provide your county: @county2 _____

Programming Note: Fill with county1 and pop a note telling interviewer to verify and modify as needed. Store as county2.

SPEC: If notstreet=1 and @housestreet2 is blank then go to Physical Description, else go to >more_tqa<

Physical Description:

If P.O. Box/Rural Route provided and no house number street name provided collect physical location description: @housestreet2 _____

PROGRAM NOTE: Output formtype from TQA and language guide variable and store with mail_add info.

@fname, allow 13 spaces

@lname, allow 15 spaces

@minitial, allow 1 space

First address field

@housestreet1, allow 63 spaces

@aptno1, allow 16 spaces

@city1, allow 16 spaces
@state1, allow 2 spaces
@zip1, allow 5 spaces
@county1, allow 16 spaces

Second address field

@housestreet2, allow 34 spaces
@aptno2, allow 16 spaces
@city2, allow 16 spaces
@state2, allow 2 spaces
@zip2, allow 5 spaces
@county2, allow 16 spaces

RECODE:

Check the following fields: housestreet1, city1, state1, and zip1. If there is an (R) in any of those fields, set nomail=1. Else nomail=0.

Output Requirement:

If First Name field is not blank, then increment FNAME2 by one.
If Middle Initial field is not blank, then increment MI2 by one.
If Last Name field is not blank, then increment LNAME2 by one.

If @housestreet1 is not blank, then increment ADDRESS2 by one.
If @housestreet2 is not blank, then increment ADDRESS2 by one.

Output notstreet

If @aptno1 is not blank then increment APTNUM2 by one.
If @aptno2 is not blank then increment APTNUM2 by one.

If @city1 is not blank, then increment CITY2 by one.
If @city2 is not blank, then increment CITY2 by one.

If @state1 is not blank, then increment STATE2 by one.
If @state2 is not blank, then increment STATE2 by one.

If @zip1 is not blank, then increment ZIP2 by one.
If @zip2 is not blank, then increment ZIP2 by one.
Retain zipcode in TQAZIP variable.

If @county1 is not blank, increment COUNTY2 by one.
If @county2 is not blank, increment COUNTY2 by one.

Let NOTMAIL = nomail.
Else go to >more_tqa<

>mail_add_PR<

Output Requirement: Increment MLADDP by one.
If filled from ANI, then set ANIFILL = 1
If any changes in any address field, set ANICORR =1

I can have a census form mailed to you. Please provide your full name and home mailing address including apartment number and zip code:

NOTE: Have caller spell any words that are difficult

First Name: @fname _____

Middle Initial: @minitial__

Last Name: @lname _____

House number street name: @housestreet1 _____

OR [] P.O. Box or Rural RouteAddress

Programming Note: If P.O. Box or Rural Route selected, set notstreet=1 and continue below:

P.O. Box or Rural Route information: @housestreet1 _____

Apartment or unit number: @aptno1 _____ OR [] NA

Development or condominium name: @PR_condo1 _____

City/town: @city1 _____

State: @state1 _____

Programming Note: See item >state< in short form specifications for acceptable state

Zip code: @zip1 _____

Please provide your municipio or U.S. county: @county1 _____

SPEC: If notstreet =1, go to 2nd address, else go to >more_tqa<

2nd Address

Do you have a house number street address?

- 1) Yes
- 2) No

If yes, go to collect house number street name 2 and store as housestreet2
If no, go to Physical Description

House number street name: @housestreet2 _____

Apartment or unit number: @aptno2 _____ OR [] NA

Development or condominium name: @PR_condo2 _____

Programming Note: Fill with PR_condo1 and pop a note telling interviewer to verify and modify as needed. Store as PR_condo2.

City/town: @city2 _____

Programming Note: Fill with city1 and pop a note telling interviewer to verify and modify as needed. Store as city2.

State: @state2 _____

Programming Note: See item >state< in short form specifications for acceptable state

Programming Note: Fill with state1 and pop a note telling interviewer to verify and modify as needed. Store as state2.

Zip code: @zip2 _____

Programming Note: Fill with zip1 and pop a note telling interviewer to verify and modify as needed. Store as zip2.

Please provide your municipio or U.S. county: @county2 _____

Programming Note: Fill with county1 and pop a note telling interviewer to verify and modify as needed. Store as county2.

SPEC: If notstreet=1 and @housestreet2 is blank then go to Physical Description, else go to >more_tqa<

Physical Description:

If P.O. Box/Rural Route provided and no house number street name provided collect physical location description:

Physical Description: @housestreet2 _____

(R) for refused

PROGRAM NOTE: Output formtype from TQA and language guide variable and store with mail_add info.

@fname, allow 13 spaces

@lname, allow 15 spaces

@minitial, allow 1 space

First address field

@housestreet1, allow 63 spaces

@aptno1, allow 16 spaces
@pr_condo1, allow 28 spaces
@city1, allow 16 spaces
@state1, allow 2 spaces
@zip1, allow 5 spaces
@county1, allow 16 spaces

Second address field

@housestreet2, allow 34 spaces
@aptno2, allow 16 spaces
@pr_condo2, allow 28 spaces
@city2, allow 16 spaces
@state2, allow 2 spaces
@zip2, allow 5 spaces
@county2, allow 16 spaces

RECODE:

Check the following fields: housestreet1, city1, state1, and zip1. If there is an (R) in any of those fields, set nomail=1. Else nomail=0.

Output Requirement:

If First Name field is not blank, then increment FNAME2 by one.
If Middle Initial field is not blank, then increment MI2 by one.
If Last Name field is not blank, then increment LNAME2 by one.

If @housestreet1 is not blank, then increment ADDRESS2 by one.
If @housestreet2 is not blank, then increment ADDRESS2 by one.

Output notstreet.

If @aptno1 is not blank then increment APTNUM2 by one.
If @aptno2 is not blank then increment APTNUM2 by one.

If @PR_condo1 is not blank, increment DEVLPNAM2 by one.
If @PR_condo2 is not blank, increment DEVLPNAM2 by one.

If @city1 is not blank, then increment CITY2 by one.
If @city2 is not blank, then increment CITY2 by one.

If @state1 is not blank, then increment STATE2 by one.
If @state2 is not blank, then increment STATE2 by one.

If @zip1 is not blank, then increment ZIP2 by one.
If @zip2 is not blank, then increment ZIP2 by one.
Retain zipcode in TQAZIP variable.

If @county1 is not blank, increment COUNTY2 by one.

If @county2 is not blank, increment COUNTY2 by one.

Output Requirement: Let NOTMAIL = nomail.

Else go to >more_tqa<

>missing_info<

Output Requirement: Increment MISSINF by one.

We are sorry, there is no way that we can correct the information provided for your household.

Go to >thanks1<

>missing_person<

Output Requirement: Increment MISSPER by one.

The only way to make sure the missing information is included in the census is to take the information for that person now.

If R, go to > thanks1<

Set formtype=missing and go to Reverse CATI

Output Requirement: If sent to Reverse CATI then set RCATI = 10.

>more_tqa<

Output Requirement: Increment MORETQA by one.

Do you have any other questions or comments?

1) Yes

2) No

If 1, go to >intro_incoming<; else go to >thanks1<.

>mot_intv<

Output Requirement:

Increment MOTINT by one.

The best way to make sure you are included in the census is to take your information now.

If R, go to >thanks_nr<.

Set formtype = missing , set UHEflag = 1, and go to Reverse CATI

Output Requirement: If sent to Reverse CATI then set RCATI = 11. Output UHEFLAG variable

>mot_intv2<

Output Requirement: Increment MOTINT2 by one.

The best way to make sure you are included in the census where you usually stay is to take your information now.

If R, go to >thanks_nr<, else set formtype = missing, set UHEflag=1, and go to the Reverse CATI path.

Output Requirement: If sent to Reverse CATI then set RCATI = 12. Output UHEFLAG variable

>mot2<

Output Requirement:

Increment MOT2 by one.

Please complete this form and return it in the postage-paid envelope. That's all the information we need, thank you for calling.

go to >more_tqa<

>no_intv<

Output Requirement:

Increment NOINTV by one.

We are sorry, it is too late to mail you a form and we cannot take your information over the telephone. A census worker will visit you sometime over the next few weeks to complete the census form for your household.

Go to >more_tqa<

>no_intv2<

Output Requirement:

Increment NOINTV2 by one.

The people living or staying there on April 1 should be counted in the census at that address. A census worker will visit in the next few weeks to complete a form for that address.

Go to >more_tqa<

> NRFU<

Output Requirement: Increment NRFU by one.

For some reason, your form was not processed before our personal visit phase of the census. At this point, the only way to make sure your household is counted, is to provide your information to a census taker. Please cooperate with the census taker.

Note: To validate that the person is a census worker, look for a red, white, and blue badge with an expiration date of XXXXXX.(A more accurate description will be provided at a later date). If the person has no ID call your local authorities.

Go to >more_tqa<

>other survey<

Output Requirement:

Increment OTHSURV by one.

Why did I get a census form and another census survey?

Besides conducting the census every 10 years, the Census Bureau collects periodic data for numerous government agencies. Periodic data surveys are used for important national indexes such as the unemployment rate, the Consumer Price Index and construction starts, etc. Your participation is very important for both surveys.

****NOTE: Access knowledge base for ACS information****

Go to >more_tqa<

>pop_quest<

Output Requirement: Increment POPQUEST by one.

ENTER Caller'S POPULATION QUESTIONS

- (1) Roster / Residence rules
- (2) Relationship
- (3) Hispanic Origin
- (4) Race
- (5) Ancestry
- (6) Work Last Week
- (7) Journey to Work
- (8) Industry/Occupation
- (9) Income
- (10) Other -- specify:

Programming Note: check form type from IVR (D1, D1(UL), D2, D2(UL)) and provide form question numbers as a selection option

Spec: if 1, go to >rost_hlp<, else refer to data base for answers.

Output Requirement:

- If (1) then increment ROSTER by one.
- If (2) then increment RELATION by one.
- If (3) then increment HISPORI by one.
- If (4) then increment RACE by one.
- If (5) then increment ANCEST by one.
- If (6) then increment WORK by one.
- If (7) then increment JOURWRK by one.
- If (8) then increment INDSTOCC by one.
- If (9) then increment INCOME by one.
- If (10) then store first keyword specified in POPOTH variable and increment OTHCNT3.

>reside_location<

Output Requirement: Increment RESLOC by one.

On April 1 did anyone live or stay at the address printed on the questionnaire?

1. Yes
2. No
3. Don't Know

If yes or Don't know and before 4/8, go to >complete_form<

If yes or Don't know and on or after 4/8 then go to >id<

If no go to >disregard2<

If (1) then set RESLCANS = 1.

If (2) then set RESLCANS = 2.

If (3) then set RESLCANS = 3.

>rost_hlp<

Output Requirement: Increment ROSTHLP by one.

- 1) Who to list on long form roster
- 2) Who to list first
- 3) How to write names
- 4) Who to include
- 5) Who not to include

Refer to database for answers

Output Requirement:

If (1) then increment WHOLONG

If (2) then increment WHOFIRS

If (3) then increment HOWWRIT

If (4) then increment WHOINC

If (5) then increment WHONOT

>thanks1<

Programming Note:

If custsat=missing, follow pathA

If custsat = 1, follow path B

Output Requirement: Increment THANKS1 by one.

A: Thank you for taking part in the Census 2000. Please call us back if you have any more questions.

B: Thank you for taking part in the Census 2000. Please call us back if you have any more questions. Before you hang-up, we would appreciate feedback regarding the service you received today. I'm going to transfer you to our automated customer satisfaction survey, which on average takes less than 3 minutes to complete.

[R] Refuse

SPEC: If R, go to end. Else transfer to Customer Satisfaction Survey.

>thanks2<

Programming Note:

If custsat=missing, follow pathA

If custsat = 1, follow path B

Output Requirement: Increment THANKS2 by one.

A: Because census forms are still being delivered, we cannot take an interview if you do not have an ID number. Please call back after March 22.

B: Because census forms are still being delivered, we cannot take an interview if you do not have an ID number. Please call back after March 22. Before you hang-up, we would appreciate feedback regarding the service you received today. I'm going to transfer you to our automated customer satisfaction survey, which on average takes less than 3 minutes to complete.

[R] Refuse

SPEC: If R, go to end. Else transfer to Customer Satisfaction Survey.

>thanks5<

Programming Note:

If custsat=missing, follow pathA

If custsat = 1, follow path B

Output Requirement: Increment THANKS5 by one.

A: We have received your census questionnaire. We apologize for the inconvenience. Thank you for taking part in the Census 2000.

B: We have received your census questionnaire. We apologize for the inconvenience. Thank you for taking part in the Census 2000. Before you hang-up, we would appreciate feedback regarding the service you received today. I'm going to transfer you to our automated customer satisfaction survey, which on average takes less than 3 minutes to complete.

[R] Refuse

SPEC: If R, go to end. Else transfer to Customer Satisfaction Survey.

>thanks_nr<

Programming Note:

If custsat=missing, follow pathA

If custsat = 1, follow path B

Output Requirement: Increment THANKSNR by one.

A: A census worker will visit you sometime over the next few weeks to complete the form for your household.

B: A census worker will visit you sometime over the next few weeks to complete the form for your household. Before you hang-up, we would appreciate feedback regarding the service you received today. I'm going to transfer you to our automated customer satisfaction survey, which on average takes less than 3 minutes to complete.

[R] Refuse

SPEC: If R, go to end. Else transfer to Customer Satisfaction Survey.

>thanks_nr2<

Programming Note:

If custsat=missing, follow pathA

If custsat = 1, follow path B

Output Requirement: Increment THANKNR2 by one.

A: We are sorry it is too late in the Census to mail you a form or to take an interview over the phone without an ID number. A census worker will visit you sometime over the next few weeks to complete the census form for your household.

B: We are sorry it is too late in the Census to mail you a form or to take an interview over the phone without an ID number. A census worker will visit you sometime over the next few weeks to complete the census form for your household. Before you hang-up, we would appreciate feedback regarding the service you received today. I'm going to transfer you to our automated customer satisfaction survey, which on average takes less than 3 minutes to complete.

[R] Refuse

SPEC: If R, go to end. Else transfer to Customer Satisfaction Survey.

>will_visit<

Output Requirement:

Increment WVISIT by one.

A census worker will visit you sometime over the few weeks to complete the census form for your household.

Interviewers Note: If person insist on giving information, go to >Reverse CATI Path<

Output Requirement: If sent to Reverse CATI then set RCATI = 13.

Go to >more_tqa<

>will_visit2<

Output Requirement: Increment WVISIT2 by one.

If you have a census form, please complete it and return it in the postage-paid envelope, otherwise, a census worker will visit you to complete a census form for your household.

Go to >more_tqa<

Attachment B

**Telephone Questionnaire Assistance Evaluation Output Layout
GEOTEL Data**

Layout Name : GTEL_XXXX.dat
 Description : Geotel level variables for evaluation output
 Total Length : 51
 Date Created : 03-25-1999

#	Field	Field description	length	Positions		
				Beg	-	End
1.	CASEID	Unique caller ID number	10	1	-	10 CHAR
2.	IVRSTART	Starting time (hhmm) of call when picked up by IVR values are in military time standardized to EST	4	11	-	14 CHAR
3.	IVREND	Time when caller requests to leave IVR or double invalids out of IVR, but before transfer to CS survey standardized to EST, values in military time	4	15	-	18 CHAR
4.	TQASTART	Time (hhmm) when caller connects with an agent Values are in military time, standardized to EST	4	19	-	22 CHAR
5.	TQAEND	Time (hhmm) when caller leaves TQA, but before transfer to CS survey Values are in military, standardized to EST	4	23	-	26 CHAR
6.	FINEND	Ending time (hhmm) of call from any point in the system but before transfer to the CS survey values are in military time standardized to EST, based disconnect supervision	4	27	-	30 CHAR
7.	ZONE	What time zone is the call coming from 1=Pacific (daylight savings) 2=Mountain (daylight savings) 3=Central (daylight savings) 4=Eastern (daylight savings) 5=Hawaii (daylight savings) 6=Alaska (daylight savings) 7=Puerto Rico (daylight sav) 8= Indiana 9= Arizona 11=Pacific standard 12=Mountain standard 13=Central standard 14=Eastern standard 15=Hawaii standard 16=Alaska standard 17=Puerto Rico standard	2	31	-	32 INTE
8.	DATE	Date of call (mmdd)	4	33	-	36 CHAR
9.	DAY	Day of call 1=Monday 2=Tuesday 3=Wednesday 4=Thursday 5=Friday 6=Saturday 7=Sunday	1	37	-	37 INTE

Layout Name : GTEL_XXXX.dat
 Description : Geotel level variables for evaluation output
 Total Length : 51
 Date Created : 03-25-1999

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#	Field	Field description	length	Positions		
				Beg	-	End
10.	PHASE	IVR Phase of the call 1=date between 3/1-3/21 2=date between 3/22-4/7 3=date between 4/8-6/8	1	38	-	38 CHAR
11.	LANG	Language of the 800 number 1=English 2=Spanish 3=Chinese 4=Vietnamese 5=Tagalog 6=Korean	1	39	-	39 INTE
12.	TELNUM1	ANI captured telephone numb	10	40	-	49 INTE
13.	PROIRTY	Indecates if caller processed from the proirity queing 0=not proirity queue caller 1=proirity queue caller	1	50	-	50 INTE
14.	CUSSAT	Caller selected for the customer satisfaction survey 0=not selected 1=selected	1	51	-	51 INTE

Attachment C

**Telephone Questionnaire Assistance Evaluation Output Layout
TQA Data**

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
 Date Created : 03-26-1999

#	Field	Field description	length	Positions		
				Beg	End	
1.	INTRO	Counter for the intro screen 0 = initial value 1 - 99 = possible count values	2	1	2	INTE
2.	KEYVAL1	1st valid keyword entered at intro screen	20	3	22	CHAR
3.	KEYVAL2	2nd valid keyword entered at intro screen	20	23	42	CHAR
4.	KEYVAL3	3rd valid keyword entered at intro screen	20	43	62	CHAR
5.	KEYINV1	1st invalid keyword entered at intro screen	20	63	82	CHAR
6.	KEYINV2	2nd invalid keyword entered at intro screen	20	83	102	CHAR
7.	KEYINV3	3rd invalid keyword entered at intro screen	20	103	122	CHAR
8.	INVALID	Counts # of invalids entered at intro screen 0 = initial value 1 - 99 = possible count values	2	123	124	INTE
9.	RCATI	Stores screen # for which caller exited to reverse CATI 0 = initial value 1 = disregard 2 = groupquarters1 3 = id (needs replacement frm) 4 = id (difficulty reading) 5 = id (difficulty reading) 6 = id (complete form now) 8 = id (complete form now) 9 = id (non-residential) 10 = missing_person 11 = mot_intv 12 = mot_intv2 13 = will_visit 14 = intro_incoming	2	125	126	INTE
10.	ATMOT	Counter for at_mot screen 0 = initial value 1 - 99 = possible count values	2	127	128	INTE
11.	ATANS	Answer to screen at_mot 0=intitialized value 1=Yes 2=No	1	129	129	INTE
12.	COMPLAIN	Counter for complaint screen 0 = initial value 1 - 99 = possible count values	2	130	131	INTE
13.	PRIVACY	Counter for selection at complaint screen 0 = initial value 1 - 99 = possible count values	2	132	133	INTE
14.	MANDTORY	Counter for selection at complaint screen 0 = initial value 1 - 99 = possible count values	2	134	135	INTE

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
 Date Created : 03-26-1999

#	Field	Field description	length	Positions	
				Beg	End
15.	CALLBACK	Counter for callback screen 0 = initial value 1 - 99 = possible count values	2	136	137 INTE
16.	CALLNAME	Flag that indicates a name has been entered at callback scrn 0 = initial value 1 = flagged value	1	138	138 INTE
17.	PHONE	Flag that indicates that a phone number has been entered at the callback screen 0 = initial value 1 = flagged value	1	139	139 INTE
18.	CONFIDEN	Counter for selection at complaint screen 0 = initial value 1 - 99 = possible count values	2	140	141 INTE
19.	COMLONG	Counter for selection at complaint screen 0 = initial value 1 - 99 = possible count values	2	142	143 INTE
20.	COMENUM	Counter for selection at complaint screen 0 = initial value 1 - 99 = possible count values	2	144	145 INTE
21.	OTHLANG	Counter for selection at complaint screen 0 = initial value 1 - 99 = possible count values	2	146	147 INTE
22.	OTCMPLNT	1st other complaint entered at complaint screen	60	148	207 CHAR
23.	OTHCNT1	Counts # of other complaints at complaint screen 0 = initial value 1 - 99 = possible count values	2	208	209 INTE
24.	CURRADD	Counter for curr_add screen 0 = initial value 1 - 99 = possible count values	2	210	211 INTE
25.	RESIDENC	Answer to curr_add screen 0=initialized value 1= Yes 2= No	1	212	212 INTE
26.	DISREG1	Counter for disregard screen 0 = initial value 1 - 99 = possible count values	2	213	214 INTE
27.	DISREG2	Counter for disregard2 screen 0 = initial value 1 - 99 = possible count values	2	215	216 INTE
28.	OTHLANG	Counter for eng_othlang 0 = initial value 1 - 99 = possible count values	2	217	218 INTE
29.	CMPLTFRM	Counter for compltform screen 0 = initial value 1 - 99 = possible count values	2	219	220 INTE

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
 Date Created : 03-26-1999

#	Field	Field description	length	Positions	
				beg	End
30.	FILLFORM	Counter for fillform screen 0 = initial value 1 - 99 = possible count values	2	221 -	222 INTE
31.	ACS	Counter for ACS screen 0 = initial value 1 - 99 = possible count values	2	223 -	224 INTE
32.	BCF	Counter for BCF screen 0 = initial value 1 - 99 = possible count values	2	225 -	226 INTE
33.	FORMGUI	Counter for form_guide scrn 0 = initial value 1 - 99 = possible count values	2	227 -	228 INTE
34.	LANGFRM	Answer to form_guide screen 1 = English 2 = Spanish	1	229 -	229 INTE
35.	FORMS1	Counter for forms1 screen 0 = initial value 1 - 99 = possible count values	2	230 -	231 INTE
36.	GQ1	Counter for groupquarters1 0 = initial value 1 - 99 = possible count values	2	232 -	233 INTE
37.	GQ1ANS	Answer to groupquarters1 screen 0 = initial value 1 = Yes 2 = No	1	234 -	234 INTE
38.	GQ2	Counter for groupquarters2 0 = initial value 1 - 99 = possible count values	2	235 -	236 INTE
39.	HOUSQUE	Counter for housing_quest scrn 0 = initial value 1 - 99 = possible count values	2	237 -	238 INTE
40.	OWNRENT	Counter for selection made at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	239 -	240 INTE
41.	BUILD	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	241 -	242 INTE
42.	ROOMS	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	243 -	244 INTE
43.	PLUMKIT	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	245 -	246 INTE
44.	BUSMED	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	247 -	248 INTE

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
 Date Created : 03-26-1999

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#	Field	Field description	length	Positions		
				Beg	End	
45.	ACRES	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	249	250	INTE
46.	UTILITY	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	251	252	INTE
47.	RENT	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	253	254	INTE
48.	MORTG	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	255	256	INTE
49.	PROPERTY	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values				
50.	OTHHOUS	1st other housing question entered at the housing_quest screen	60	257	316	CHAR
51.	OTHCNT2	Counter for selection at housing_quest screen 0 = initial value 1 - 99 = possible count values	2	317	318	INTE
52.	HOUSUNTS	Counter for housing_units scrn 0 = initial value 1 - 99 = possible count values	2	319	320	INTE
53.	HOUSANS	Answer to housing_units scrn 0=intitialized value 1=Yes 2=No	1	321	321	INTE
54.	ID	Counter for id screen 0 = initial value 1 - 99 = possible count values	2	322	323	INTE
55.	CENID	Store census id entered at id screen	22	324	345	INTE
56.	ID2	Counter for id2 screen 0 = initial value 1 - 99 = possible count values	2	346	347	INTE
57.	INITMAIL	Counter for initmail screen 0 = initial value 1 - 99 = possible count values	2	348	349	INTE
58.	INFOCK	Counter for info_ck screen 0 = initial value 1 - 99 = possible count values	2	350	351	INTE
59.	INFOANS	Answer to info_ck screen 1 = add or correct information 2 = add a person	2	352	353	INTE
60.	MAILEXP	Counter for initmail_expl 0 = initial value 1 - 99 = possible count values	2	354	355	INTE

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
 Date Created : 03-26-1999

#	Field	Field description	length	Positions		
				beg	-	End
61.	LANTHKS	Counter for lang_thanks screen 0 = initial value 1 - 99 = possible count values	2	356	-	357 INTE
62.	LANGUID	Counter for language_guide scn 0 = initial value 1 - 99 = possible count values	2	358	-	359 INTE
63.	LANSEL	Stores selection 1-37 made at language_guide screen 1 = Arabic 2 = Armenian 3 = Bengali 4 = Cambodian 5 = Chamorro 6 = Chinese 7 = Creole 8 = Czech 9 = Dutch 10 = Farsi 11 = French 12 = German 13 = Greek 14 = Hindi 15 = Hmong 16 = Hungarian 17 = Ilcano 18 = Italian 19 = Japanese 20 = Korean 21 = Laotian 22 = Polish 23 = Portuguese 24 = Romanian 25 = Russian 26 = Samoan 27 = Serbo - Croatian 28 = Slovak 29 = Spanish 30 = Tagalog 31 = Thai 32 = Tongan 33 = Ukrainian 34 = Urdu 35 = Vietnamese 36 = Yiddish 37 = No Guide	1	360	-	360 INTE
64.	LFEXPL	Counter for lf_expl screen 0 = initial value 1 - 99 = possible count values	2	361	-	362 INTE
65.	LIVEHOU	Counter for live_house screen 0 = initial value 1 - 99 = possible count values	2	363	-	364 INTE

Layout Name : TQA_XXXX.DAT
 Description : TQA evaluation output data
 Total Length : 704
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#	Field	Field description	length	Positions	
				Beg	End
66.	ANSYOU	Answer to live_house screen 0 = initial value 1 = Yes 2 = No	1	365	365 INTE
67.	MAILADD	Counter for mail_add screen 0 = initial value 1 - 99 = possible count values	2	366	367 INTE
68.	MLADDP	Counter for mail_add_PR 0 = initial value 1 - 99 = possible count values	2	368	369 INTE
69.	FNAME2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	370	371 INTE
70.	MI2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	372	373 INTE
71.	LNAME2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	374	375 INTE
72.	ADDRESS2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	376	377 INTE
73.	NOTSTREET	Flag that identifies address as a PO Box/RR addrss at mail_add and mail_add_PR screens 0 = initial value 1 = flag value	2	378	379 INTE
74.	APTNUM2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	380	381 INTE
75.	APTNA2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	382	383 INTE

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#	Field	Field description	length	Positions		
				beg	End	
76.	CITY2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	384	-	385 INTE
77.	STATE2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	386	-	387 INTE
78.	ZIP2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	388	-	389 INTE
79.	TQAZIP	Store zip code at mail_add and mail_add_PR	5	390	-	394 CHAR
80.	DEVLPNAM2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	395	-	396 INTE
81.	PHYDES2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	397	-	398 INTE
82.	COUNTY2	Counter for # of entries entered into field at mail_add and mail_add_PR screens 0 = initial value 1 - 99 = possible count values	2	399	-	400 INTE
83.	MISSINF	Counter for missing_info scrn 0 = initial value 1 - 99 = possible count values	2	401	-	402 INTE
84.	MISSPER	Counter for missing_person screen 0 = initial value 1 - 99 = possible count values	2	403	-	404 INTE
85.	MORETQA	Counter for more_tqa screen 0 = initial value 1 - 99 = possible count values	2	405	-	406 INTE
86.	MOTINT	Counter for mot_intv 0 = initial value 1 - 99 = possible count values	2	407	-	408 INTE
87.	MOTINT2	Counter for mot_intv2 0 = initial value 1 - 99 = possible count values	2	409	-	410 INTE
88.	MOT2	Counter for mot2 0 = initial value 1 - 99 = possible count values	2	411	-	412 INTE

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#	Field	Field description	length	Positions		
				Beg	-	End
89.	NOINTV	Counter for no_intv 0 = initial value 1 - 99 = possible count values	2	413	-	414 INTE
90.	NOINTV2	Counter for no_intv2 0 = initial value 1 - 99 = possible count values	2	415	-	416 INTE
91.	NRFU	Counter for NRFU screen 0 = initial value 1 - 99 = possible count values	2	417	-	418 INTE
92.	OTHSURV	Counter for other_survey scrn 0 = initial value 1 - 99 = possible count values	2	419	-	420 INTE
93.	POPQUEST	Counter for pop_quest screen 0 = initial value 1 - 99 = possible count values	2	421	-	422 INTE
94.	ROSTER	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	423	-	424 INTE
95.	RELATION	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	425	-	426 INTE
96.	HISPORI	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	427	-	428 INTE
97.	RACE	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	429	-	430 INTE
98.	ANCEST	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	431	-	432 INTE
99.	WORK	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	433	-	434 INTE
100.	JOURWRK	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	435	-	436 INTE
101.	INDSTOCC	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	437	-	438 INTE
102.	INCOME	Counter for selection made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	439	-	440 INTE

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#	Field	Field description	length	Positions		
				Beg	End	
103.	POPOTH	Stores first keyword entered for the selection Other at the pop_quest screen	60	441	-	500 CHAR
104.	OTHCNT3	Counter for the # times the selection Other is made at pop_quest screen 0 = initial value 1 - 99 = possible count values	2	501	-	502 INTE
105.	RESLOC	Counter for the reside_location screen 0 = initial value 1 - 99 = possible count values	2	503	-	504 INTE
106.	RESLCANS	Answer to reside_location scrn 0=initialized value 1=Yes 2=No	1	505	-	505 INTE
107.	ROSTHLP	Counter for the rost_hlp scrn 0 = initial value 1 - 99 = possible count values	2	506	-	507 INTE
108.	WHOLONG	Counter for selection made at the rost_hlp scrn 0 = initial value 1 - 99 = possible count values	2	508	-	509 INTE
109.	WHOFIRS	Counter for selection made at the rost_hlp scrn 0 = initial value 1 - 99 = possible count values	2	510	-	511 INTE
110.	HOWWRIT	Counter for selection made at the rost_hlp scrn 0 = initial value 1 - 99 = possible count values	2	512	-	513 INTE
111.	WHOINC	Counter for selection made at the rost_hlp scrn 0 = initial value 1 - 99 = possible count values	2	514	-	515 INTE
112.	WHONOT	Counter for selection made at the rost_hlp scrn 0 = initial value 1 - 99 = possible count values	2	516	-	517 INTE
113.	THANKS1	Counter for the thanks1 scrn 0 = initial value 1 - 99 = possible count values	2	518	-	519 INTE
114.	THANKS2	Counter for the thanks2 scrn 0 = initial value 1 - 99 = possible count values	2	520	-	521 INTE
115.	THANKS5	Counter for the thanks5 scrn 0 = initial value 1 - 99 = possible count values	2	522	-	523 INTE
116.	THANKSNR	Counter for the thanksnr scrn 0 = initial value 1 - 99 = possible count values	2	524	-	525 INTE
117.	THANKSNR2	Counter for the thanksnr2 scrn 0 = initial value 1 - 99 = possible count values	2	526	-	527 INTE

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#	Field	Field description	length	Positions		
				Beg	End	
118.	FORMTYPE	Answer to the uhe_formck scrn 0 = initial value 1 = D1 2 = D2	1	528	528	INTE
119.	WVISIT	Counter for will_visit screen 0 = initial value 1 - 99 = possible count values	2	529	530	INTE
120.	WVISIT2	Counter for will_visit2 screen 0 = initial value 1 - 99 = possible count values	2	531	532	INTE
121.	NOTMAIL	Flag set at the mail_add and mail_add_PR screens notmail = 0 initial value notmail = 1 R is present in one or more of the address fields.	1	533	533	INTE
122.	PRCOUNT	Counter for Puerto Rico pop up field 0 = initial value 1 - 99 = possible count values	2	534	535	INTE
123.	ANIFILL	Flag on the mail_add screen which indicates that ANI info was received for the address fields 0 = initial value 1 = flag value	1	536	536	INTE
124.	ANICORR	Flag in the mail_add screen which indicates that a change was made to one or more of the ANI filled address fields 0 = initial value 1 = flag value				INTE
125.	CHKDIG	Counter for the number of times a census id was entered at the id and id2 screen 0 = initial value 1 - 3 = possible count values				INTE
126.	UHEFLAG	Flag that identifies case as usual house elsewhere at the mot_intv and mot_intv2 screen 0 = initial value 1 = flag value				INTE
127.	CASEID	Geotel assigned unique id number of call	15	537	551	CHAR
128.	OSSCASID	Assign unique TQA indentification number	15	552	566	CHAR
129.	FORMTYPE	Retains caller's census form type	4	567	570	CHAR
130.	INTVWRID	Agent's identification # We are assuming length 10	10	571	580	CHAR
131.	CENTERID	Call center's identification # We are assuming length 10	10	581	590	CHAR

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#	Field	Field description	length	Positions		
				Beg	End	
132.	RCATSTRT	Starting time (hhmm) of RCATI interview	4	591	-	594 CHAR
133.	RCATIEND	EST, values in military time Ending time (hhmm) of RCATI interview				CHAR
134.	JNKCNT1	EST, values in military time Extra counter	2	595	-	596 INTE
		0 = initial value				
		1 - 99 = possible count values				
135.	JNKVALU1	Extra stored value	20	597	-	616 CHAR
136.	JNKCNT2	Extra counter	2	617	-	618 INTE
		0 = initial value				
		1 - 99 = possible count values				
137.	JNKVALU2	Extra stored value	20	619	-	638 CHAR
138.	JNKCNT3	Extra counter	2	639	-	640 INTE
		0 = initial value				
		1 - 99 = possible count values				
139.	JNKVALU3	Extra stored value	20	641	-	660 CHAR
140.	JNKCNT4	Extra counter	2	661	-	662 INTE
		0 = initial value				
		1 - 99 = possible count values				
141.	JNKVALU4	Extra stored value	20	663	-	682 CHAR
142.	JNKCNT5	Extra counter	2	683	-	684 INTE
		0 = initial value				
		1 - 99 = possible count values				
143.	JNKVALU5	Extra stored value	20	685	-	704 CHAR