2015 National Content Test
Race and Ethnicity Analysis Report

A New Design for the 21st Century

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Prepared by Kelly Mathews, Jessica Phelan, Nicholas A. Jones, Sarah Konya, Rachel Marks, Beverly M. Pratt, Julia Coombs, Michael Bentley

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Contents

List of Tables

List of Figures

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Executive Summary

Overview of 2015 National Content Test Research Study

The 2015 National Content Test (NCT) provides the U.S. Census Bureau with empirical research that contributes to the planning for the content of the 2020 Census race/ethnicity question(s). This report presents findings to the Census Bureau Director and executive staff on research conducted to assess optimal design elements that could be used in question(s) on race/ethnicity. The 2015 NCT is part of the research and development cycle leading up to a reengineered 2020 Census. The test was designed to compare different questionnaire design strategies for key census content areas including race and ethnicity, relationship, and within-household coverage and to provide research for informing content decisions prior to the 2020 Census.

Background

The Census Bureau has a long history of conducting research to improve questions and data on race and ethnicity. Since the first census in 1790, the Census Bureau has collected information on race and ethnicity. In turn, the census form has reflected changes in society and shifts that have occurred in the way the Census Bureau classifies race and ethnicity (Pratt et al. 2015). Since the 1970s, the Census Bureau has conducted content tests to research and improve the design and function of different questions, including questions on race and ethnicity. Today, the Census Bureau collects race and ethnicity data following U.S. Office of Management and Budget (OMB) guidelines, and these data are based on self-identification.

One challenge we face is how Americans view "race" and "ethnicity" differently than in decades past. In our diverse society, a growing number of people find the current race and ethnicity categories confusing, or they wish to see their own specific group reflected on the census questionnaire (Compton et al. 2012). Our research has found that over time, there have been a growing number of people who do not identify with any of the official OMB *race* categories, and this means that an increasing number of respondents have been racially classified as "Some Other Race." In fact, in 2000 and in 2010, "Some Other Race" (SOR) was the third largest race group (Humes et al. 2011). This was primarily because of reporting by Hispanics, who make up the overwhelming majority of those classified as SOR, not identifying with any of the OMB race categories (Ríos et al. 2014). In addition, segments of other populations, such as Afro-Caribbean and Middle Eastern or North African populations, did not identify with any of the OMB race categories and identified as SOR (Compton et al. 2012).

Taking note of this, over the past decade, Census Bureau researchers have been exploring different strategies for improving respondents' understanding of the questions we ask, as well as improving the accuracy of the resulting data we produce on race and ethnicity. This research began in 2008 with the design of the 2010 Census Alternative Questionnaire Experiment (AQE) Research on Race and Hispanic Origin, which at the time was the most comprehensive research effort on race and Hispanic origin ever undertaken by the Census Bureau. In 2012, the AQE research was completed, and the results demonstrated promising strategies that combined race and ethnicity into one question and addressed challenges and complexities of race and Hispanic origin measurement and reporting (Compton et al. 2012).

While the 2010 AQE research set the foundation, additional empirical research was needed to test prospective question designs for the content of the 2020 Census, particularly with the new emphasis on using web-based designs for data collection. Thus, throughout 2014 and 2015, our Census Bureau research team shared and discussed plans for testing different question designs, and participated in

numerous public dialogues about the research plans to obtain community feedback. The ultimate goal of this research would be to improve the question design and data quality for the 2020 Census, while addressing community concerns that we have heard over the past several years, including the call for more detailed, disaggregated data for our diverse American experiences as German, Mexican, Korean, Jamaican, and myriad other identities. This research effort culminated in the 2015 National Content Test (NCT), which was conducted to explore ways to improve our race/ethnicity questions, to better measure and represent our nation's myriad racial and ethnic identities, and to build on extensive research on race and ethnicity previously conducted by the Census Bureau.

Simultaneously, over the past few years, Census Bureau researchers have been working with colleagues from other federal statistical agencies and OMB on a Federal Interagency Working Group for Research on Race and Ethnicity ("Working Group"). Under the guidance of OMB, which prescribes and maintains the federal standards for data on race and ethnicity, the Working Group has been examining OMB's 1997 Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity and exploring different options for improving federal data on race and ethnicity. The Census Bureau's 2015 NCT research on race and ethnicity provided a rich foundation for the Working Group's explorations (Jones 2015). In September 2016, OMB issued a Federal Register Notice announcing to the public their intentions to review particular components of the 1997 standards, including a) the use of separate questions to measure race and ethnicity and question phrasing; b) the classification of a Middle Eastern and North African group and reporting category; c) the description of the intended use of minimum reporting categories; and d) terminology used for race and ethnicity classifications. Census Bureau researchers and leaders continue working with OMB and Working Group colleagues on these issues, and this collegial work is critically important as we work together to improve statistics that inform what we know about our nation's people, places, and economy and how we are growing and changing.

Objective

The overall objective for the 2015 NCT race/ethnicity research was to test alternative versions of the race and ethnicity questions. This was to gain information about and to improve the 2010 Census Hispanic origin and race questions' design and data quality. Our goal is to implement research that refines our efforts to address known race and Hispanic origin reporting issues and important racial and ethnic community concerns while improving data in three crucial areas, including:

1. Increasing accuracy and reliability of reporting in the major Office of Management and Budget (OMB) racial and ethnic categories.
2. Collecting detailed data for myriad groups.
3. Obtaining lower item nonresponse rates.

To accomplish this, the 2015 NCT research evaluated and compared different question designs for race and Hispanic origin. The 2015 NCT also presented the critical opportunity to compare the success of different question designs to determine how they perform in new web-based data collection methods using the Internet, smartphone, and telephone response options.

Key Research Dimensions

The 2015 NCT research examined several key dimensions for improving the data on race and ethnicity. The first dimension, **question format**, compared the use of a Separate Questions approach and two approaches using a combined question. In the Separate Questions approach, there is one question for Hispanic origin and another question for race. For the combined question approaches, two different designs were tested:

1. The Combined Question with Write-In Response Areas employs dedicated write-in areas to collect detailed responses.
2. The Combined Question with Detailed Checkboxes design uses detailed checkboxes and a subsequent write-in area to collect detailed responses.

The second dimension, **response categories**, examined the effect of including a distinct "Middle Eastern or North African" ("MENA") response category. Half of the NCT sample received a questionnaire with a dedicated MENA response category, while the other half of the sample received a questionnaire that did not include a dedicated MENA response category and that listed MENA examples in the White category.

The next dimension, **instruction wording**, evaluated the use of different approaches for wording the instructions. The testing focused on comparing two sets of instructions: "Mark [***X***] one or more boxes" vs. "Mark all that apply" in paper data collections; and "Select one or more boxes" vs. "Select all that apply" in Internet data collections.

Finally, the **question terminology** dimension tested the use of different conceptual terms (e.g., "race," "origin," "ethnicity," or no terms) in the wording of questions for collecting data on race and ethnicity. The testing compared three approaches ("Race/Origin" vs. "Race/Ethnicity" vs. using no terms – "Categories") for the question terminology.

Sample Design

The 2015 NCT took place in the late summer of 2015, with a Census Day of September 1. The test was conducted with a nationally representative sample of 1.2 million housing units in the United States, including Puerto Rico. The NCT was a self-response test only and did not have a nonresponse follow-up component. This sample was designed with the aim of ensuring that the estimates from this test accurately reflect the nation as a whole, across a variety of demographic characteristics.

The stateside sample design used a stratified, systematic sampling method that oversampled census tracts that contained relatively high percentages of various race and ethnicity groups, were susceptible to within-household coverage overcounts, or had low self-response propensities. The stateside sample of 1,180,000 households was divided into three sample portions: coverage, race/ethnicity, and Optimizing Self-Response.

After the coverage portion of the sample was selected, the remaining households in the universe that were not selected were stratified into one of the following six race strata based on race, ancestry, and Hispanic origin data from 2010 Census data and 2009-2013 American Community Survey data. The sample was designed to ensure that the unbiased estimates from the test accurately reflected the nation as a whole, across a variety of demographic characteristics, by oversampling various race and ethnicity groups, including Asian and NHPI populations, AIAN populations, Black or African American populations, Hispanic or Latino populations, and MENA populations.The tracts were selected within these strata sequentially:

- **MENA Stratum**: Tracts where the percentage of people in the tract who identify as MENA was 10 percent or more.
- **AIAN Stratum**: Tracts where the percentage of people in the tract who identify as AIAN was 10 percent or more.
- **Asian/NHPI Stratum**: Tracts where the percentage of people in the tract who identify as Asian or NHPI was 15 percent or more.
- **Black or African American Stratum**: Tracts where the percentage of people in the tract who identify as Black or African American was 25 percent or more.

- **Hispanic or Latino Stratum**: Tracts where the percentage of people in the tract who identify as Hispanic or Latino was 45 percent or more.
- **All Other Groups Stratum**: The remaining tracts that do not fall into one of the previous strata.

Reinterview

The 2015 NCT included a reinterview operation to assess the accuracy of the question alternatives for race and ethnicity. The reinterview for race and ethnicity included approximately 75,000 cases. The reinterview was designed to probe more extensively than the census questionnaire by asking three series of questions about how respondents self-identify, as well as collecting more detailed information about respondents' racial and ethnic background. The first question was an open-ended question that asked the respondent to identify their race, ethnicity, or origin. The second set was a series of yes/no questions meant to probe into the respondent's complete racial and ethnic background. The third set of questions asked for a detailed origin for each category that the respondent answered "yes" to. The NCT reinterview component enabled the Census Bureau to evaluate the key research questions, results, and findings to on the optimal design of the race/ethnicity question.

Results

The next sections provide high-level results for each of the analyses to evaluate the primary research questions. These include question format, inclusion of a distinct MENA response category, instruction wording, and question terminology.

Question Format

- The combined question formats had significantly lower percentages of respondents reporting SOR or invalid responses, as well as significantly lower percentages of missing response than the Separate Questions format. Thus, the percentages of respondents reporting in OMB groups was higher.
- Hispanic respondents identified as Hispanic alone at significantly higher rates when responding to the combined question formats compared with the Separate Questions format.
- Hispanics who received the Separate Questions format used other race categories (White, SOR, etc.) to report Hispanic responses at a significantly higher rate than those who received either of the combined question formats.
- The Separate Questions approach had a higher consistency between the self-response survey and reinterview for reporting of White than either of the combined question approaches.
- The Combined Question with Detailed Checkboxes format elicited the same or more details than the Separate Questions format for every major group.
- Nonresponse to the combined question is lower than nonresponse to the separate race question.

The combined question with detailed checkboxes design supported the research objectives of increasing reporting within the current standard OMB categories, decreasing item nonresponse, improving accuracy and reliability, and achieving similar or higher levels of detailed reporting for all major groups. The results of this research indicate that the optimal question format is **combined question with detailed checkboxes**.

Inclusion of a Distinct Middle Eastern or North African Response Category

- The inclusion of a MENA category significantly decreased the overall percentage of respondents reporting as White or SOR and significantly increased the percentage of respondents reporting as Black or Hispanic.
- The inclusion of a MENA category did not affect the item nonresponse rate.
- When no MENA category was available, people who identified as MENA predominantly reported in the White category, but when a MENA category was included, people who identified as MENA predominantly reported in the MENA category.
- The inclusion of a MENA category significantly decreased the reporting of detailed MENA responses, such as Egyptian, Syrian, Moroccan, etc., in the White, Black, SOR, and other categories.
- The Census Bureau's 2015 NCT working classification of MENA included 19 nationalities, 11 ethnicities, and other panethnic and geographic terms. The groups in the working classification of MENA identified as MENA when the category was available. When no MENA category was available, most of these groups identified with the White or SOR categories.
- The 2015 NCT also examined how groups *not* in the MENA working classification but who may identify as MENA reported. The majority of detailed responses from these groups identified in the White or Black categories, even when a MENA category was present on the questionnaire.
- The inclusion of a MENA category helps MENA respondents to more accurately report their MENA identities. When no MENA category was available, MENA respondents were less likely to report as only MENA and instead reported their MENA identity within the White category. When a MENA category was included, MENA respondents were more likely to report as only MENA and less likely to report as MENA within the White category.

The results of this research indicate that it is optimal to use a **dedicated "Middle Eastern or North African" response category**. Under the current OMB Standards on Race and Ethnicity, MENA responses are aggregated to the White category. OMB is currently conducting a review of these standards, and it will ultimately be OMB's decision as to whether or not MENA will become a new minimum reporting category that is distinct from the White category.

Instruction Wording and Question Terminology

- The new instructions (*"Select all boxes that apply")* increased reporting of two or more race/ethnicity groups when compared with the old instructions (*"Select one or more boxes*").
- The new instructions increased the rate of consistency of multiple-responses when compared with the old instructions. There was no difference in the rate of consistency for any of the other major race/ethnicity groups.
- There was no difference in the prevalence of multiple group reporting amongst the three terminology types—Race/Origin, Race/Ethnicity, No Terms ("categories").
- There is no difference in the reporting of major race/ethnicity groups for any of the three terminology types—Race/Origin, Race/Ethnicity, No Terms ("categories"). There was no difference in detailed group reporting for any of the combinations of instructions and terminology.
- Only one major race/ethnicity group (AIAN alone or in combination) had a significant increase in reporting when the instructions were changed from old to new with the Race/Origin terminology. All other distributions were not significantly different. The reporting of SOR was not different for any combinations of instructions and terminology.

The results of this research indicate that it is optimal to use the **new instructions** to **"Mark all that apply"** (instruction wording for paper data collections) and to **"Select all that apply"** (instruction wording for Internet data collections). These new instructions performed as well, or in some instances better than, the old instructions to "Mark [*X*] one or more boxes" (instruction wording for paper data collections) or to "Select one or more boxes" (instruction wording for Internet data collections) for the reporting of multiple race/ethnicity groups. In addition, the new instructions yielded similar or higher consistency in the reporting of major race/ethnicity groups.

The results of this research, in conjunction with previous qualitative research, indicate that it is optimal to use the **Race/Ethnicity** terminology for the combined question. The terminology approach with "Race/Ethnicity" and the use of question approaches where no terms were employed ("categories") both performed as well as the Race/Origin question terminology. But a decision must be made about which terminology should be employed for future data collections. NCT cognitive and usability research indicated that the use of "categories" in data collections conducted in Spanish caused some confusion among Spanish-speaking respondents who thought "categories" presented a more hierarchical ordering of groups rather than a list of options.

Additional findings from this research indicate that it is optimal to use **one write-in line to collect detailed AIAN responses**, rather than the three conceptual checkboxes and a write-in line, on paper questionnaires**.** This research showed that the introduction of conceptual checkboxes (i.e., American Indian, Alaska Native, and Central/South American Indian) decreased detailed reporting for the AIAN category in paper data collections.

Next Steps

After issuing this report in early 2017, the Census Bureau Director, NCT researchers, and executive staff will continue to meet with advisors and stakeholders about this important research. These engagements will provide opportunities to discuss the NCT results and receive feedback. We will discuss the different design elements that the 2015 NCT research found to perform best. Together, these elements form a question design with a combined question format with detailed checkboxes, a dedicated MENA response category, new instructions, and race/ethnicity terminology. Each of these design features supported the research objectives of increasing reporting within standard OMB categories, decreasing item nonresponse, improving accuracy and reliability, and achieving similar or higher levels of detailed reporting for all major groups.

In addition, we will continue discussions with our advisors, stakeholders, and the public about how we are planning to test alternative detailed checkboxes and examples for a potential MENA category. We will explore designs that reflect the feedback we have received from stakeholders. This feedback includes using an "Israeli" checkbox and using a transnational group, such as "Kurdish," as an example to help represent the broad diversity of the Middle Eastern and North African population. This work will also help to inform current discussions that are taking place with OMB and the public about the possibility of formulating a new MENA response category.

As part of our ongoing work with OMB, the Census Bureau and other agencies will be in dialogues about the NCT results, other data inputs, and feedback from the public through the Federal Register Notice process to discuss and develop solutions for the Working Group to recommend to OMB. Ultimately, OMB will decide how to move forward with guidance on question format for race and ethnicity.

In the summer of 2017, the Census Bureau will share the findings from the 2015 NCT with the public. The final question wording on the 2020 Census content must be submitted to Congress by April 2018.

This extensive 2015 NCT study has successfully built upon years of empirical research. Coupled with collaboration, outreach, and engagement, this research will help ensure that the 2020 Census is in the best position to collect and produce the highest quality statistics about our nation's diverse population.

1. Introduction

To meet the strategic goals and objectives for the 2020 Census, the Census Bureau must make fundamental changes to the design, implementation, and management of the decennial census. These changes must build upon the successes and address the challenges of the previous censuses while also balancing challenges of cost containment, quality, flexibility, innovation, and disciplined and transparent acquisition decisions and processes.

The following report delineates the execution strategy for race and ethnicity research in the 2015 National Content Test (NCT). First, we lay out the purpose of the 2015 NCT, including a brief overview of the content test. Second, we review relevant literature, with particular emphasis on the 2010 Census Race and Hispanic Origin Alternative Questionnaire Experiment (AQE). Third, we provide a detailed description on the methodology of the 2015 NCT as it pertains to race and ethnicity and the potential limitations of this research. Fourth, we present a detailed description of the research dimensions that were explored and a series of research questions, results, and conclusions related to each dimension. Finally, we provide detailed appendices.

The 2015 NCT provides the Census Bureau with empirical research to inform the planning for the content of the 2020 Census race/ethnicity question(s). This report provides research findings from the 2015 NCT to the Census Bureau Director and executive staff on the optimal design of the question(s) on race/ethnicity. These finding and conclusions are intended to inform internal planning decisions and guide the design for the 2020 Census.

Coinciding with this extensive research, over the past decade we have been involved in ongoing engagement and discussions about improving data on race and ethnicity with the U.S. Office of Management and Budget (OMB), federal statistical agencies, and myriad stakeholder groups. The 2015 NCT research findings also provide critical insights to OMB's Federal Interagency Working Group for Research on Race and Ethnicity ("Working Group"), as researchers and policymakers from federal statistical agencies consider potential updates to OMB's 1997 *Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity*. In September 2016, OMB issued a Federal Register Notice announcing to the public their intentions to review particular components of the 1997 standard, including a) the use of separate questions to measure race and ethnicity and question phrasing; b) the classification of a Middle Eastern and North African group and reporting category; c) the description of the intended use of minimum reporting categories; and d) terminology used for race and ethnicity classifications. Census Bureau researchers and leaders continue working with OMB and Working Group colleagues on these issues. This work is especially important as we strive to improve the statistics that inform what we know about our nation's people, places, and economy, as well as how we are growing and changing.

Throughout 2017, the Working Group will be evaluating the results of the 2015 NCT and other data sources and will continue federal interagency discussions in order to make recommendations to OMB on whether and how to make updates to the 1997 OMB standards. Together, this research and community engagement will enable the Census Bureau to provide the most accurate, reliable, and relevant race and ethnicity data possible about our changing and diversifying nation.

The overall objective for the Census Bureau's 2015 NCT race and Hispanic origin research was to test alternative versions of the race and ethnicity questions. This was to gain information about and to improve the 2010 Census Hispanic origin and race questions' design and data quality. Our goal is to implement research that refines our efforts to address known race and Hispanic origin reporting issues

and important racial and ethnic community concerns while improving data in three crucial areas, including:

1. Increasing accuracy and reliability of reporting in the major OMB racial and ethnic categories.
2. Collecting detailed data for myriad groups.
3. Obtaining lower item nonresponse rates.

To accomplish this, the 2015 NCT research evaluated and compared different question designs for race and Hispanic origin. This was our primary mid-decade opportunity to compare different decennial content questions before the 2020 Census. The 2015 NCT also presented the critical opportunity to compare the success of different question designs to determine how they perform in new web-based data collection methods using the Internet, smartphone, and telephone response options.

Another objective of the 2015 NCT was to test different contact strategies for optimizing self-response (OSR). This included nine different approaches to encourage households to respond and, specifically, to respond using the less costly and more efficient Internet response option. These approaches included altering the timing of the first reminder, using email as a reminder, altering the timing for sending the mail questionnaire, using a third reminder, and sending a letter in place of a paper questionnaire to non-respondents. The Census Bureau is committed to using the Internet as a primary response option in the 2020 Census.

The 2015 NCT is part of the research and development cycle leading up to a reengineered 2020 Census. The test was designed to compare different questionnaire design strategies for key census content areas including race and ethnicity, relationship, and within-household coverage and to provide research for informing future content. By April 2017, the 2020 Census topics must be submitted to Congress, with the final question wording due by April 2018. With that said, the 2015 NCT was our primary opportunity to compare different content before the 2020 Census. This research will help ensure that the 2020 Census provides the highest-quality statistics about our nation's increasingly changing population.

The 2015 NCT took place in the late summer of 2015 with a Census Day of September 1. The test was conducted with a nationally representative sample of 1.2 million housing units in the United States, including Puerto Rico. This sample was designed to ensure that the estimates from this test accurately reflected the nation as a whole across a variety of demographic characteristics. Related to race and ethnicity, the complex sample design included oversampling of various race and ethnicity groups, including Asian and Native Hawaiian or Other Pacific Islander (NHPI) populations, American Indian or Alaska Natives (AIAN), Black or African Americans, Hispanic or Latino populations, and Middle Eastern or North African (MENA) populations. The NCT was a self-response test only and did not have a nonresponse follow-up component.

Additionally, the 2015 NCT included a reinterview operation to further assess the accuracy and reliability of the question alternatives for race and ethnicity. The reinterview sample for race and ethnicity included approximately 75,000 cases. This enabled the Census Bureau to evaluate the key research questions, results, and findings. Through this test, the Census Bureau also continued testing contact strategies for OSR, particularly Internet response, building on research and results from tests conducted in 2012, 2014, and 2015.

Finally, the race and ethnicity questions tested in the 2015 NCT were also qualitatively researched, on both Internet and paper formats, before field implementation. This qualitative research, specifically cognitive and usability testing in both English and Spanish, is discussed in more detailed length in Section 3.1, when discussing question terminology.

2. Background

Since the 1980 Census, the Census Bureau has adhered to federal standards for classifying data collections on race and ethnicity, which were first delineated and promulgated by OMB with 1977 Directive No. 15. More specifically, since Census 2000, the Census Bureau has adhered to OMB's 1997 standards for classifying and tabulating racial and ethnic responses. These standards define five broad categories for data on race and two broad categories for data on ethnicity.

Figure 1. OMB Categories and Definitions for Data on Race and Ethnicity

OMB CATEGORIES AND DEFINITIONS FOR DATA ON RACE	
American Indian or Alaska Native	"A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliations or community attachment."
Asian	"A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam."
Black or African American	"A person having origins in any of the black racial groups of Africa. Terms such as 'Haitian' or 'Negro' can be used in addition to 'Black or African American.'"
Native Hawaiian or Other Pacific Islander	"A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands."
White	"A person having origins in any of the original peoples of Europe, the Middle East, or North Africa."
OMB CATEGORIES AND DEFINITIONS FOR DATA ON ETHNICITY	
Hispanic or Latino	"A person of Cuban, Mexican, Puerto Rican, Cuban, South or Central American, or other Spanish culture or origin, regardless of race. The term 'Spanish Origin' can be used in addition to 'Hispanic or Latino.'"
Not Hispanic or Latino	

Please note: "Cuban" is listed twice within the Hispanic or Latino category, as it reflects the 1997 standards.

The 1997 OMB standards advise that respondents be offered the option of selecting one or more racial designations. The OMB standards also advise that race and ethnicity are two distinct concepts; therefore, Hispanics or Latinos may be of any race. Additionally, the OMB standards permit the collection of more detailed information on population groups, provided that any additional groups can be aggregated into the standard broad set of categories.

Data on race and ethnicity have been collected and tabulated in various ways since the first U.S. decennial census in 1790. Humes and Hogan (2009) illuminated the complex realities of these changes in their article, "Measurement of Race and Ethnicity in a Changing, Multicultural America." Humes and Hogan's research provides a historical overview of racial and ethnic measurement in decennial censuses and also

provides insights to the ways in which race and ethnicity have been collected and measured over time. Additionally, as shown in Appendix G, Pratt, Hixson, and Jones (2015) created an interactive infographic to aid in understanding how race and ethnicity categories have changed over 220 years in the decennial census, allowing for a better understanding of the relationship between past and present classifications.

While many respondents report within the race and ethnicity categories specified by the OMB standards, it is clear from recent censuses, surveys, and experimental tests that the implementation of the standards is not well understood or is considered unacceptable by a growing number of respondents (Compton et al. 2012; Dowling 2014). This results in respondents' inability or unwillingness to self-identify as the OMB standards intended. For a segment of respondents, this arises because of the conceptual complexity that is rooted in the OMB standards' definitional distinction between "race" and "ethnicity" and in the presentation format of the race and ethnicity categories.

One key issue is that nearly half of Hispanic or Latino respondents do not identify within any of the OMB race categories (Rios et al. 2014). With the projected steady growth of the Hispanic or Latino population, the number of people who do not identify with any of the OMB race categories is expected to increase (Compton et al. 2012; Rios et al. 2014). Another issue is that while the reporting of multiple races is permitted, reporting multiple Hispanic origins or a mixed Hispanic/non-Hispanic heritage in the current Hispanic origin question is not permitted. This differential treatment recognizes interracial unions and multiracial individuals but does not recognize the existence of Hispanic/non-Hispanic unions and individuals or those with a diverse Hispanic heritage.

Coupled with these issues is the reality of what must be done to modify reported race data between the decennial census and the development of intercensal population estimates, which serve as the foundation data on race and ethnicity for other federal surveys. As described in the Modified Race Summary File Methodology Statement, the race categories from each decennial census are reconciled with those race categories that appear in the data from administrative records, which are used to produce population estimates and projections.

This modification of the race data did not start in 2010; it has been happening for the past several decades. One of the main reasons the Census Bureau undertook the 2010 AQE research to explore alternative measures of race and ethnicity was in great part because of the recognition that the modification of race data was increasing exponentially and becoming a problem that cannot be ignored as it creates a wider and wider disconnect between the full enumeration of the United States population and baseline foundation for other demographic surveys. In the 2010 Census, 19.1 million people (6 percent of all respondents) were classified as Some Other Race (SOR) alone, and Hispanics made up 97 percent of all those classified as only SOR. Between 2000 and 2010, the population classified as SOR alone increased considerably, growing by about one-quarter in size. In fact, the SOR population has continued to grow since 1980 and was the third largest "race" group overall in 2010, behind the White population and the Black population. If no major questionnaire changes are implemented, SOR may be the second largest "race" group in 2020.

The SOR category is not an official OMB category; it is intended to be a small residual category for respondents who do not identify with any of the minimum OMB race categories. Thus, one of the main goals of the 2010 AQE was to test designs that would increase reporting within the OMB categories and reduce the reporting of SOR. One of the most notable 2010 AQE findings was that while the Separate Questions approach still had an SOR population as high as 7 percent, the Combined Question approach yielded a substantially reduced SOR population of less than 0.5 percent. We know from the 2010 AQE research that this is largely because of Hispanics choosing their identity (i.e., only "Hispanic") in the Combined Question format. Overall, when a Hispanic category is provided as a response option in the same question as the OMB race categories, SOR becomes one of the smallest response categories,

demonstrating that a Combined Question approach is more in-line with how Hispanic respondents view themselves. A major finding of the focus group research and reinterview study from the 2010 AQE was the confirmation that these reporting patterns were a closer reflection of how Hispanics self-identify.

Additionally, before the 2010 Census, different racial and ethnic communities lobbied the Census Bureau and the U.S. Congress for additional changes to categories in the race and ethnicity questions. This amplified the concerns a number of racial and ethnic communities, such as Middle Eastern populations or Afro-Caribbean populations, have about self-identifying in the OMB standard categories used in decennial census questions and on other federal surveys. The growing lack of understanding or acceptance of the current OMB standards is caused by:

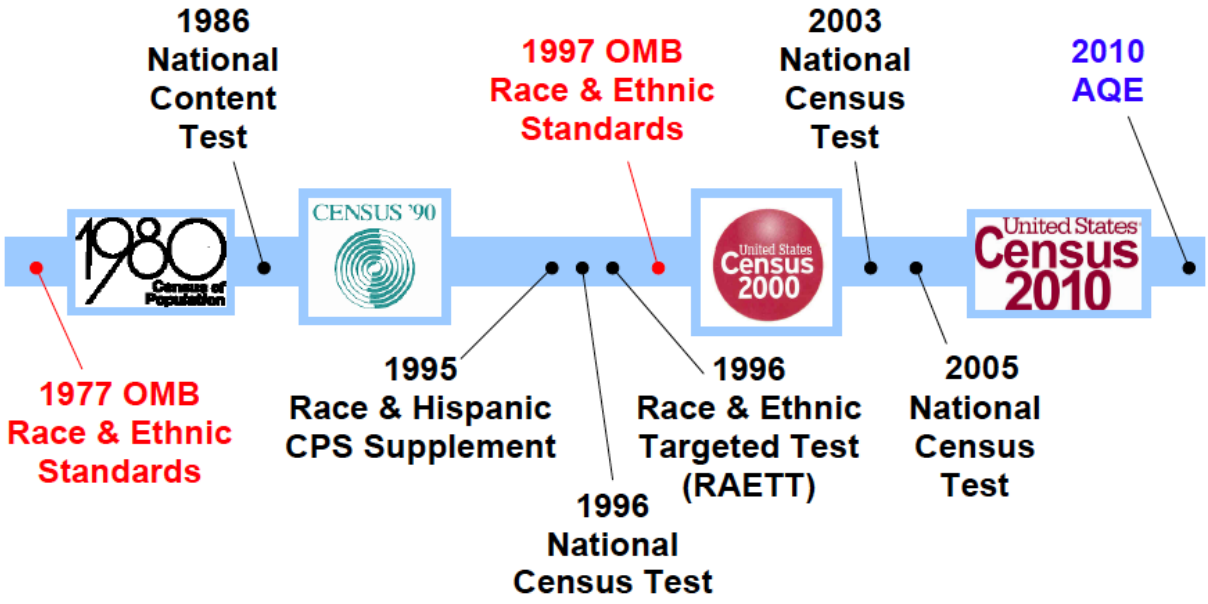
- The rapidly changing demographics of the U.S. population.
- The increase and complexity of immigration flows from all corners of the globe (Newby and Dowling 2007; Roth 2012).
- A fluidity of racial and ethnic self-identification.
- Increasing responses of SOR on census surveys.
- Widespread campaigns and lobbying of the Census Bureau, OMB, and Congress for changes to the race and ethnicity questions and categories.

All of these issues point to the importance of conducting thorough research related to the design of the race and ethnicity questions as the Census Bureau embarks on preparations for the 2020 Census. From our review of recent social science literature, we note there are not many empirical studies, outside of those conducted by the Census Bureau, that analyze formatting of race and ethnicity question(s), the inclusion of a MENA category, or revisions to examples and question terminology for improving data on race and ethnicity. As such, this analysis should help to inform the literature on this important topic.

2.1 Major Census Content Tests Over the Past 40 Years

The 2010 AQE research was one of many decennial census content tests focused on improving race and ethnicity data since the 1970s. Census content tests are one of the main mechanisms the Census Bureau uses to develop research questions on census forms in an effort to improve the data from decade to decade. Figure 2 illustrates a history of the major race and ethnicity content tests over the past 40 years, with the 2010 AQE being the most recent.

Figure 2. Major Census Content Tests on Race/Ethnicity Over the Past 40 Years



Note: OMB = U.S. Office of Management and Budget; CPS = Current Population Survey

The Census Bureau remains committed to improving the accuracy and reliability of census results by researching approaches that more accurately measure and reflect how people self-identify their race and ethnicity. This commitment is reflected in numerous past Census Bureau studies, as illustrated in Figure 2, that have been conducted on race and Hispanic origin reporting (U.S. Census Bureau 1997; Sheppard et. al. 2004; Alberti 2006; Fernández et al. 2009; Childs et al. 2010). Interestingly, both the 1996 Race and Ethnic Targeted Test (U.S. Census Bureau 1997) and the 2005 National Census Test (Alberti 2006) demonstrated that when presented with separate race and Hispanic origin questions, Hispanics have great difficulty responding to the race question.

As shown in Figure 2, the 2015 NCT builds on extensive research on race and ethnicity previously conducted by the Census Bureau to examine how people in our society identify their race and ethnicity as our society grows more diverse and complex. This research acknowledges that a growing number of people find the current race and ethnicity categories confusing, or they wish to see their own specific group reflected on the census. Following this research, the 2010 AQE was fielded as the most comprehensive research effort on race and Hispanic origin ever undertaken by the Census Bureau, until the 2015 NCT.

2.2 2010 Census Race and Hispanic Origin Alternative Questionnaire Experiment

The 2010 AQE research focused on improving the race and Hispanic origin questions by testing a number of different questionnaire design strategies. The primary research objectives of the AQE were to design and test questionnaire strategies to increase reporting in the major OMB race and ethnicity categories, elicit reporting of detailed race and ethnicity groups, lower item nonresponse rates, and increase accuracy and reliability of the results (Compton et al. 2012). The 2010 AQE had three components:

1. A mail out/mail back sample with 500,000 households.
2. A telephone reinterview with one-in-five of those households.
3. A series of 67 focus groups with about 800 people across the country, including Alaska, Hawaii, and Puerto Rico.

The Census Bureau conducted the 2010 AQE research to better understand how and why people identify themselves in different ways and in different contexts. The 2010 AQE examined alternative question design strategies for improving the collection of data on race and ethnicity, with the four previously mentioned goals in mind.

The results of the 2010 AQE supported all of these objectives. One of our experimental approaches asked about race and Hispanic origin in one combined question. In the Combined Question, each major race and ethnicity group had a checkbox with examples and a write-in line where respondents could provide detailed responses. Many individuals across communities liked the Combined Question approach and felt it presented equity to the different categories. The 2010 AQE's results led to some promising strategies to address the challenges and complexities of race and Hispanic origin measurement and reporting. Some of the findings from this research included:

- Combining race and ethnicity into one question did not change the percentage of people who reported as Hispanics, Blacks, Asians, American Indians and Alaska Natives, or Native Hawaiians and Other Pacific Islanders (Hill and Bentley 2014).
- The Combined Question yielded higher item response rates, compared with Separate Questions approaches.
- The Combined Question increased reporting of detailed responses for most groups, but decreased reporting for others.
- The Combined Question more accurately reflected self-identity.

The 2010 AQE research marked the beginning of race and ethnicity research for this decade. The research yielded critical findings from which additional experimental question refinements and new research topics emerged. The scope of the 2015 NCT builds on the successful strategies of the Census Bureau's 2010 AQE research and examines several dimensions for improving data on race and ethnicity, each of which will be analyzed in detail later in this analysis report:

- Question format, including evaluating performance of paper-based questions and new web-based data collection methods.
- Response categories.
- Wording of instructions.
- Question terminology.

2.3 Current Data on Race and Ethnicity

Over the last few decades, many Census Bureau studies have examined race reporting among Hispanics on the census questionnaire, but these studies did not specifically look at those who self-reported being of Hispanic origin. In March 2014, Census Bureau researchers Ríos and Romero examined this topic and found that more than two-fifths (43.5 percent) of self-reported Hispanics did not report belonging to any federally recognized race group as defined by OMB. This includes 30.5 percent who reported or were classified as SOR only. Respondents are classified this way when they only check and/or write-in responses not categorized as any of the OMB race groups. An additional 13.0 percent of self-reported Hispanics did not provide a response to the race question (Ríos et al. 2014). The findings from this study were intended to supplement the results presented in the 2010 AQE report.

Currently, the Census Bureau collects additional detailed information on Hispanic or Latino groups, AIAN groups, Asian groups, and NHPI groups. For example, responses to the race question such as Navajo Nation, Nome Eskimo Community, and Mayan are collected and tabulated separately in Census Bureau censuses and surveys, but also are aggregated and tabulated into the total AIAN population. Similarly, responses to the race question such as Chinese, Asian Indian, and Vietnamese are collected and tabulated separately, but also aggregated and tabulated into the total Asian population. Additionally, responses such as Native Hawaiian, Chamorro, or Fijian are collected and tabulated separately, but also tabulated and aggregated into the total NHPI population. Responses to the ethnicity question such as Mexican, Puerto Rican, and Cuban are collected and tabulated separately, but also tabulated and aggregated into the total Hispanic or Latino population.

The 2015 NCT tested ways to collect and tabulate detailed information for the detailed groups, not just the broad groups, such as Asian or Hispanic. Detailed data for specific White population groups, such as German, Irish, and Polish, and specific Black or African American population groups, such as African American, Jamaican, and Nigerian, were collected, tabulated, and aggregated, respectively, into the total White population and the total Black or African population.

The 2015 NCT also included testing of a separate MENA category and the collection of data on detailed Middle Eastern or North African groups, such as Lebanese, Egyptian, and Iranian. Currently in the 1997 OMB standards, MENA responses are classified under the White racial category, per OMB's definition of "White." During its review of the original 1977 OMB standards in the mid-1990s, OMB received a number of public comment recommendations to add a category for Arabs and Middle Easterners to the minimum groups listed in the standards. OMB did not accept this recommendation but encouraged further research on how to collect and improve data on this population group.

The 2010 AQE was part of that research effort, conducting six focus groups with 71 participants of Middle Eastern and North African origin to understand more about their self-identity on census questionnaires. The AQE focus groups sought to understand how and why people identify their race and ethnicity in different ways and in different contexts. The results from the focus groups indicated that many of the Middle Eastern or North African participants had difficulty responding to the existing OMB race categories. They often did not know how to respond and/or felt excluded. Also, the inclusion of the terms "Lebanese" and "Egyptian" as examples under the White racial category was viewed as wrong or incorrect by many AQE focus group respondents—both within the MENA focus groups as well as across other focus groups. These comments often led to a recommendation by focus group participants that there be a separate racial category for those who would identify as Middle Eastern, North African, or Arab.

In 2013, the Arab American Institute sent a letter to the Census Bureau and OMB requesting a distinct category on the racial or ethnic questions for people of Middle Eastern or North African origin. The letter was co-signed by 26 different organizations and scholars. In response to this request, the Census Bureau launched a comprehensive research and outreach program on the topic. As part of this, Census Bureau experts consulted with OMB, key federal statistical agencies, professional demographic and sociological associations, academics, race and ethnicity experts, members of the Census Bureau's National Advisory Committee on Racial, Ethnic, and Other Populations (NAC), and Middle Eastern or North African stakeholders on the classification and possible testing plans of a MENA category. In 2014, the NAC made a formal recommendation to the Census Bureau to test a distinct MENA category, and the Census Bureau decided to test this new MENA category in the 2015 NCT.

All of our research is working toward the broader goal of balance and equality across communities for the opportunity to self-identify their race and ethnicity and to receive the return of critical data for both long-standing groups and recently emerging groups in the United States.

3. Methodology

This section includes information on the aspects of the 2015 NCT specific to race and ethnicity, including the research dimensions, research questions, and analysis procedures, as well as information about the test in general, including an overview of the different components of the test, sample design, mailing strategy, and key dates.

3.1 Research Dimensions for Race and Ethnicity

The 2015 NCT research examined several key dimensions for improving the data on race and ethnicity. The first dimension, **question format**, compared the use of a Separate Questions approach and a Combined Question approach. In the Separate Questions approach, there was one question for Hispanic origin and another question for race. For the Combined Question approach, two designs were tested:

1. The Combined Question with Write-In Response Areas employs dedicated write-in areas to collect detailed responses.
2. The Combined Question with Detailed Checkboxes design uses detailed checkboxes and a subsequent write-in area to collect detailed responses.

The second dimension, **response categories**, examined the effect of including a distinct MENA response category. The next dimension, **instruction wording**, evaluated the use of different approaches for wording the instructions. Finally, the **question terminology** dimension tested the use of different conceptual terms (e.g., race, origin, ethnicity, or no terms) in the wording of questions for collecting data on race and ethnicity. These dimensions will be discussed in greater detail later in this section.

3.1.1 Description of Race and Ethnicity Treatments

Figure 3 shows each of the dimensions tested in the 2015 NCT, including both web-based designs and paper-based designs. The key dimensions were:

- Separate Questions vs. Combined Question (question format).
- MENA vs. No MENA (response categories).
- "*Mark [**X**] one or more boxes*" vs. "*Mark all that apply*" (paper instruction wording); "*Select one or more boxes*" vs. "*Select all that apply*" (Internet instruction wording).
- Race/Origin vs. Race/Ethnicity vs. using no terms – "Categories" (question terminology).

There were 36 different web-based panels, labeled 1 through 36. Images of the web-based versions (1 through 36) can be found in Appendix A. Eight different versions were developed for paper, labeled A, C, D1, D2, G, H, I, and W. Versions D1 and D2 contained the same content treatments, but one was produced as a 16-page booklet and the other was produced as a 32-page booklet. These paper versions are labeled in Figure 3 to show where paper versions matched the web-based versions. Images of these versions can be found in Appendix B. The goal of our research was to test the key dimensions in new web-based designs while also ensuring that these dimensions were researched on traditional paper data collection modes. We tested the fully factorial design of the web-based panels and included selected paper treatments that corresponded with the main differences across the key dimensions. While we originally planned for 12 paper treatments, operational constraints limited us to eight paper panels.

Figure 3. 2015 NCT Key Dimensions and Research Treatment Paths for Design Testing

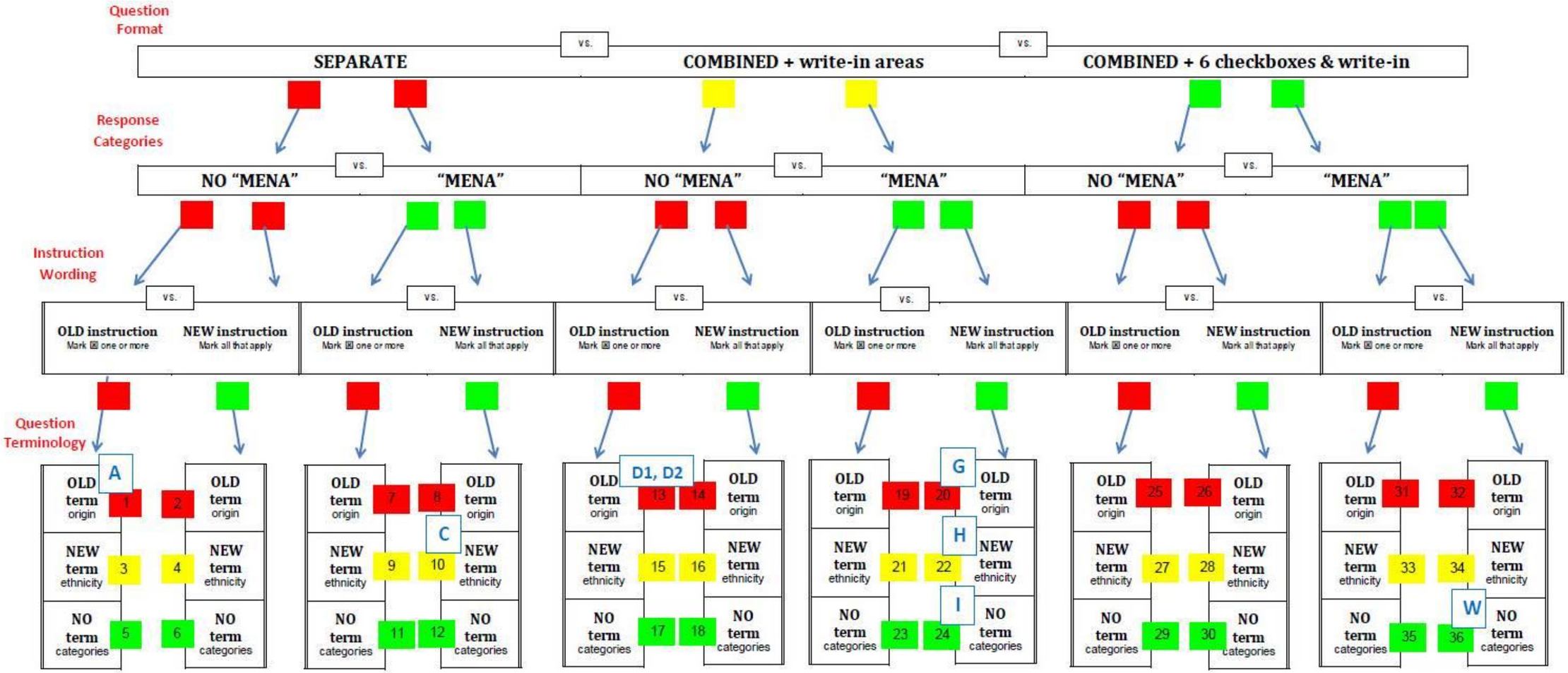


Figure 4 shows an alternative view of how the 36 web-based panels and the matching lettered paper panels correspond to the key dimensions of this research.

Figure 4. Summary of 2015 NCT Race, Ethnicity, and Origin Panels

Version	Question Format			Inclusion of "MENA"		Instructions		Terminology		
	Separate	Combined + Write-Ins	Combined + Checkboxes	No "MENA"	"MENA"	Old	New	Old = "origin"	New = "ethnicity"	No terms = "categories"
1/A	x			x		x		x		
2	x			x			x	x		
3	x			x		x			x	
4	x			x			x		x	
5	x			x		x				x
6	x			x			x			x
7	x				x	x		x		
8	x				x		x	x		
9	x				x	x			x	
10/C	x				x		x		x	
11	x				x	x				x
12	x				x		x			x
13/D1,D2		x		x		x		x		
14		x		x			x	x		
15		x		x		x			x	
16		x		x			x		x	
17		x		x		x				x
18		x		x			x			x
19		x			x	x		x		
20/G		x			x		x	x		
21		x			x	x			x	
22/H		x			x		x		x	
23		x			x	x				x
24/I		x			x		x			x
25			x	x		x		x		
26			x	x			x	x		
27			x	x		x			x	
28			x	x			x		x	
29			x	x		x				x
30			x	x			x			x
31			x		x	x		x		
32			x		x		x	x		
33			x		x	x			x	
34			x		x		x		x	
35			x		x	x				x
36/W			x		x		x			x

3.1.2 Scope, Objectives, and Question Designs for Testing Race and Ethnicity Content in the 2015 National Content Test

The scope of the 2015 NCT built on the successful strategies from the 2010 AQE research and undertook further testing to examine several key dimensions for the questions on race and ethnicity. Each of the key research dimensions are presented in detail below along with a description of relevant question designs that were tested in the 2015 NCT.

Question Format Dimension

One dimension is question format—as we continue to research the Separate Questions approach and the Combined Question approach. This dimension included the overarching comparison of paper-based question designs and web-based question designs with the advantage of new technology to enhance question designs and optimize reporting of detailed racial and ethnic groups.

The 2015 NCT evaluated the use of two alternative question approaches for collecting detailed data on race and ethnicity. One approach used two Separate Questions—the first about Hispanic origin and the second about race. The other approach combined the two items into one question about race and ethnicity. For the Combined Question approach, two different designs were tested. One design employs dedicated write-in areas to collect detailed responses, the other design uses detailed checkboxes and a subsequent write-in area to collect detailed responses. The 2015 NCT research tested these approaches with new web-based data collection methods. Each approach is described in Figure 5, along with its associated data collection mode(s) (i.e., paper-based question designs and/or web-based question designs).

Figure 5. Question Format Dimension Definitions

Separate Questions for race and for Hispanic origin **(paper and web-based)**	This was a modified version of the race and Hispanic origin approach used in the 2010 Census. Revisions based on the 2010 AQE research included adding write-in areas and examples for the White response category and for the Black or African American response category, removal of the term "Negro,"* and the addition of an instruction to allow for multiple responses in the Hispanic origin question. *Note: Refer to Appendix A and B. (Separate Questions)*
Combined Question with Write-in Response Areas **(paper)**	This was a modified version of the Combined Question approaches found to be successful in the 2010 AQE research. Checkboxes were provided for the major race and ethnicity categories, with a corresponding write-in space for detailed responses to each checkbox category. In this version, all checkboxes and write-in spaces were visible at all times. Each response category contained six example groups, which represent the diversity of the geographic definitions of the respective OMB category. For instance, the Asian category employed examples of Chinese, Filipino, Asian Indian, Vietnamese, Korean, and Japanese, which represent the six largest detailed Asian groups in the United States, reflecting the OMB's definition of Asian ("A person having origins in any of the original peoples of the Far East, Southeast Asia, and the Indian subcontinent."). Respondents did not have to select a major checkbox and could enter a detailed response in the write-in space without checking a category. *Note: Refer to Appendix B. (Streamlined)*

Combined Question with Detailed Checkboxes **(paper)**	This was a modified version of the Combined Question approach found to be successful in the 2010 AQE. Checkboxes were provided for the major race and ethnicity categories, along with a series of detailed checkboxes under each major category and a corresponding write-in space and examples to elicit and collect all other detailed responses within the major category. In this version, all checkboxes and write-in spaces were visible at all times. Again, the detailed response categories represent the diversity of the geographic definitions of the respective OMB category. For instance, under the Asian category (and major checkbox), a series of detailed checkboxes was presented for Chinese, Filipino, Asian Indian, Vietnamese, Korean, and Japanese, which represent the six largest detailed Asian groups in the United States. Then, instructions to enter additional detailed groups (with the examples of "Pakistani, Thai, Hmong, etc.") preceded a dedicated write-in area to collect other detailed Asian responses. Again, these detailed groups reflect OMB's definition of Asian ("A person having origins in any of the original peoples of the Far East, Southeast Asia, and the Indian subcontinent."). Respondents did not have to select a major race/ethnicity checkbox and could enter a detailed response in the write-in area without checking a category. *Note: Refer to Appendix B. (Multiple Detailed Checkboxes)*
Combined Question with Write-in Response Areas on separate screens **(web-based)**	In this version, the detailed origin groups were solicited on subsequent screens after the major response categories had been selected on the initial screen. On the initial screen, the major checkbox categories were shown along with their six representative example groups. Once the major categories were selected, one at a time, subsequent screens solicited further detail for each category that was chosen (e.g., Asian), using a write-in space with examples to collect the detailed groups (e.g., Korean and Japanese). The intent was to separate mouse click tasks (checkbox categories) and typing tasks (write-ins) in an attempt to elicit responses that are more detailed. This approach was used as one of three race/ethnicity Internet panels in the 2014 Census Test. *Note: Refer to Appendix A. (Subsequent Write-In Screens)*
Combined Question with Detailed Checkboxes **(web-based)**	This version was an alternative method of soliciting detailed origin groups using separate screens, detailed checkboxes, and write-in spaces. On the first screen, the major checkbox categories were shown along with their six representative example groups. Once the major categories had been selected, one at a time, subsequent screens solicited further detail for each category, this time using a series of additional checkboxes for the six largest detailed groups (e.g., Chinese, Filipino, Asian, Indian, Vietnamese, Korean, and Japanese) with a write-in space also provided to collect additional groups. *Note: Refer to Appendix A. (Subsequent Detailed Checkbox Screens)*

*Note: Testing in the AQE showed that the removal of the term "Negro" did not affect reporting in the Black of African American response category. In line with these findings, the 2015 NCT questionnaire designs do not include any outdated or offensive terms, such as "Negro" or "Chicano." Respondents who write-in these terms will still be coded and tabulated (see Appendix E.).

One benefit of the web-based response mode is that it allows for more functionality and greater flexibility in designing questions compared to paper, which is constrained by space availability. The 2015 NCT used innovative web-based technology with designs optimized for multiple devices, including smartphones and tablets. These web-based designs provided much more utility and flexibility for using detailed checkboxes and write-in spaces to elicit and collect data for detailed groups (e.g., Samoan, Iranian, Blackfeet Tribe, Jamaican, Puerto Rican, Irish, etc.) than traditional paper questionnaires.

Response Categories Dimension

Another dimension examined the response categories by exploring how to collect and tabulate data for respondents of Middle Eastern and North African heritage in the United States. The 2015 NCT evaluated the use of a MENA response category to collect data for respondents of Middle Eastern or North African heritage in the United States. The two treatments for this dimension are described in Figure 6.

Figure 6. Response Categories Dimension Definitions

No separate MENA category	This treatment tested approaches without a separate MENA checkbox category. Here, the MENA responses were represented in the current OMB definition of White. With this approach, the White racial category provided examples of both Middle Eastern and North African origins (e.g., Lebanese; Egyptian) along with examples of European origins (e.g., German; Irish) as part of the currently defined White racial category. *Note: Refer to Appendix A, panel #s 1-6, 13-18, and 25-30*
Use of a distinct MENA category	This treatment tested the addition of a distinct MENA checkbox category for respondents of Middle Eastern or North African heritage in the United States. The MENA category was placed within the current response category lineup, based on estimates of population size, between the category for American Indians and Alaska Natives and the category for Native Hawaiians and Other Pacific Islanders. With the addition of this new category, the White example groups were revised. The Middle Eastern and North African examples of Lebanese and Egyptian were replaced with the European examples of Polish and French. The MENA checkbox category will have the examples of Lebanese, Iranian, Egyptian, Syrian, Moroccan, and Algerian. All other checkbox categories and write-in spaces remain the same. *Note: Refer to Appendix A, panel #s 7-12, 19-24, and 31-36*

For the purpose of the 2015 NCT, the Census Bureau developed a working classification of the "Middle Eastern or North African" category.

The working classification of MENA was based on the Census Bureau's ongoing research and outreach efforts with community experts, stakeholders, and researchers. In addition, the Census Bureau documented how a wide range of organizations in the United States—including state and federal government agencies, research organizations, and universities—classify countries and territories from the Middle East or North Africa. Our method of developing a working classification was to determine which countries were in the majority of the classifications we identified and to use nationalities and ethnicities from those countries as the basis of our working classification.

Some of the experts in the Census Bureau's 2015 Forum on Ethnic Groups from the Middle East and North Africa were concerned that countries such as Turkey, Sudan, or Somalia were not included in the current Census Bureau working classification of MENA. At the same time, however, other experts in the forum expressed concern that these groups would be included and advised that they not be classified as MENA because they are not part of the Middle Eastern and North African geographic area. Obtaining this feedback was one of the main goals of the MENA Forum. We recognize that there are differing views on whether some countries are, or should be, part of the MENA category classification, and there are compelling justifications to both sides of this discussion. Therefore, for the purposes of the 2015 NCT research, we employed our working MENA classification, and we used this classification as the foundation for comparisons with other responses to the MENA category.

The Census Bureau's working classification of Middle Eastern and North African groups was geographically based and includes both Arab groups, such as Egyptian and Jordan, and non-Arab groups, such and Iranian and Israeli. It also included ethnic groups from the region such as Assyrian and Kurdish. The working classification of MENA included the following 19 nationalities: Algerian, Bahraini, Egyptian, Emirati, Iraqi, Iranian, Israeli, Jordanian, Kuwaiti, Lebanese, Libyan, Moroccan, Omani, Palestinian, Qatari, Saudi Arabian, Syrian, Tunisian, and Yemeni. In addition to the nationalities listed above, transnational groups, including both ethno-linguistic and ethno-sectarian groups, whose origins are in the Middle East and North Africa, were included in the working classification. These groups include Amazigh or Berber, Assyrian, Bedouin, Chaldean, Copt, Druze, Kurdish, and Syriac. Panethnic terms and general geographic terms that respondents may report, such as "Arab," "Middle Eastern," or "North African" were also included in our classification. Religious designations, such as Muslim or Jewish, were not included in the working classification. The Census Bureau does not collect data on religious affiliation in its surveys or the decennial census. Public Law 94-521 prohibits the Census Bureau from asking a question on religious affiliation on a mandatory basis; in some person or household surveys, however, the Census Bureau may collect information about religious practices, on a voluntary basis (H.R. 11337).

Because of stakeholder feedback, we also included groups *not* in the MENA working classification in the MENA sampling stratum so we could analyze how these groups responded by the presence of a MENA category. The following groups were also included in the MENA stratum: Afghan, Armenian, Azerbaijani, Cypriot, Djiboutian, Georgian Commonwealth of the Independent States, Mauritanian, Somali, South Sudanese, Sudanese, Turkish, and Turkish Cypriot (see Section 3.4 for more information on the sampling methodology).

For analytical purposes, we coded all of the groups that people reported to help us understand the types of responses that respondents provided with the new MENA category as well as when the MENA category was not present. With all of the detailed disaggregated responses, we were able to obtain a more profound understanding of how various groups were reported and how they relate to the Census Bureau's 2015 NCT working classification of MENA.

In the tables in this report, when we refer to respondents who identify as MENA, we are referring to those who 1) checked the major MENA checkbox and/or 2) wrote-in a detailed origin included in the 2015 NCT MENA working classification in *any* race/ethnicity write-in line.

Wording of Instructions Dimension and Question Terminology Dimension

A third dimension pertained to the wording of instructions, and another dimension focused on question terminology**.** For these dimensions, we examined ways to improve the wording of question instructions and whether alternative terminology or even no terms at all helped to improve the questions.

First, we focused on the wording of instructions. The 2015 NCT evaluated the use of different approaches for wording the instructions used to collect data on race and ethnicity. The 2010 AQE research found that respondents frequently overlook the paper instruction to "*Mark* [***X***] *one or more boxes*" and have difficulty understanding the instructions. From the 2010 AQE qualitative research we learned that some respondents stop reading the paper instruction after noticing the visual cue [***X***] and proceed directly to do just that—mark a box—overlooking the remainder of the instruction. The new instruction being tested in the 2015 NCT ("*Mark all boxes that apply*"), on both paper-based and web-based designs, is an attempt to improve the clarity of the question and make it more apparent that more than one group may be selected. The versions tested for this dimension are outlined in Figure 7.

Figure 7. Instructions Dimension Definitions

"*Mark* [*X*] *one or more*" (paper) "*Select one or more*" (web-based)	One version (old instructions) advised respondents to, "*Mark* [***X***] *one or more boxes* ***AND*** *print* [origins/ethnicities/details]." *Note: Refer to Appendix A, panel #s 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, and 35*
"*Mark all that apply*" (paper) "*Select all that apply*" (web-based)	An alternative version (new instructions), advised respondents to, "*Mark all boxes that apply* ***AND*** *print* [origins/ethnicities/details] *in the spaces below. Note, you may report more than one group*." *Note: Refer to Appendix A, panel #s 2, 4, 6,8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, and 36*

Additionally, we included a dimension regarding question terminology. The 2015 NCT research tested the use of different conceptual terms (e.g., race, origin, ethnicity, or no terms) in the wording of questions for collecting data on race and ethnicity. The use of "race" and "origin" as terminology were used to guide respondents to answer the question (e.g., "*What is Person 1's race or origin?*"). One alternative option that was explored tested the use of both "ethnicity" and "race" in the question stem and instructions (e.g., "*What is Person 1's race or ethnicity?*"). A second alternative option that was explored tested the removal of the terms "race," "origin," and "ethnicity" from the question stem and instructions. Instead, a general approach asked, "Which categories describe Person 1?" These options were tested to determine whether we can improve the understanding of the question concept and reduce confusion among respondents by using different terms (or no terms at all) for the race and ethnicity questions. Figure 8 shows the different treatments for this dimension of testing.

Figure 8. Question Terminology Dimension Definitions

"Race" **and** ***"Origin"*** **terms**	The use of "race" and "origin" as terminology (old instructions) was used to guide respondents to answer the question (e.g., "*What is Person 1's race or origin?*"). *Note: Refer to Appendix A, panel #s 1-2, 7-8, 13-14, 19-20, 25-26, and 31-32*
"Race" **and** ***"Ethnicity"*** **terms**	One alternative option being explored tested the use of both the terms "ethnicity" along with "race" in the question stem and/or instructions (e.g., "*What is Person 1's race or ethnicity?*")." *Note: Refer to Appendix A, panel #s 3-4, 9-10, 15-16, 21-22, 27-28, and 33-34*
No terms at all ("*categories*")	A second alternative option being explored tested the removal of the terms "race," "origin," and "ethnicity" from the question stem and instructions. Instead, a general approach asked, "*Which categories describe Person 1?*" *Note: Refer to Appendix A, panel #s 5-6, 11-12, 17-18, 23-24, 29-30, and 35-36*

Instructions for AIAN Write-In Area

The 2015 NCT also examined different instructions to optimize detailed reporting within the AIAN write-in area. From the 2010 AQE research and recent 2014 qualitative research that the Census Bureau conducted with American Indians, Alaska Natives, and Central and South American Indian respondents, we know the instruction to "Print enrolled or principal tribe" causes confusion for many American Indian and Alaska Native respondents and means different things to different people. The research found that American Indian and Alaska Native respondents were confused by the use of different terms and concepts (e.g., "enrolled," "affiliated," "villages," "race," "origin," "tribe," etc.) and there was disagreement among focus group participants as to what "affiliated tribe" or "enrolled" or "villages" meant.

The overwhelming sentiment from 2014 AIAN focus group participants was that they want to be treated equally with other race/ethnicity groups, and this was accomplished by not using different terminology (i.e., enrolled, affiliated, villages, etc.). Instead, the instruction "*Print, for example, ...*" (along with AIAN example groups) allowed the respondents to understand what the question asked them to report and did not limit their write-in response by confounding the instructions with terms that mean different things to different people (e.g., tribes, villages, etc.). This instruction presented a viable alternative for further exploration in 2015 NCT research. Based on the findings and recommendations from this research, the 2015 NCT tested variations of the instructions for the AIAN write-in area to see how they perform.

Figure 9. AIAN Write-in Area Instructions Definitions

"*Print enrolled or principal tribe, for example...*"	We tested the instruction, "*Print enrolled or principal tribe, for example...*" on control versions." *Note: Refer to Appendix A, panel #s 1, 13, 25*
"*Print, for example...*"	We tested the instruction, "*Print, for example...*" on experimental versions. *Note: Refer to Appendix A, panel #s 2-12, 14-24, 26-36*

Summary of Qualitative Research on Terminology

The Census Bureau's Center for Survey Measurement (CSM) published a report entitled *Cognitive and Usability Results from Spanish Pre-Testing of the 2015 National Content Test* (Meyers et al. 2015). Similarly, RTI International (RTI) published their report entitled *Census 2020 Multilingual Research: Project 2 English and Spanish Cognitive and Usability Testing* (Sha, et al. 2016). Both reports focused on cognitive and usability conclusions of pretesting data collection applications for the 2015 NCT.

CSM's report focused on Spanish language findings and recommendations for a variety of topics related to the NCT, including issues understanding the terms *raza* (race), *origen étnico* (ethnicity), and *categorías* (categories). With the goal to "identify issues with the online instrument that were problematic for or frustrating to the user" (Meyers et al. 2015), CSM conducted 90-minute Spanish, face-to-face interviews with 10 Spanish-speaking respondents. Some respondents received surveys that asked: *¿Cuál es la raza o el origen étnico de <NOMBRE>?,* while some respondents received surveys that asked*: ¿Cuáles de estas categorías describen a <NOMBRE>?*.

Regarding *¿Cuál es la raza o el origen étnico de <NOMBRE>?*, researchers found that "most respondents interpret the terms *raza* (race) and *origen étnico* (ethnicity) differently, although some thought that *raza* and *origen étnico* 'had the same meaning.'" However, researchers found that "several" respondents understood *categorías* as a "hierarchal listing of options in which the ordering of the options implied ranking," a meaning, according the researchers, that is "absent from the English term 'category'".

In other words, findings from this cognitive and usability research "show a pattern of respondents linking the word 'categorías' to a hierarchical order or ranking rather than to a neutral list of options."

RTI's report focused on English and Spanish language findings and recommendations, similar to CSM's, for a variety of topics related to the NCT, as

> {…} all materials and questionnaires must be developed and tested to make certain that the messages and communications are culturally appropriate, accurately reflect the intent of the English versions, and are accessible to everyone including individuals for whom English is not their first language (Sha et al. 2016).

For the specific round related to race and ethnicity, 60 respondents were interviewed, 30 in English and 30 in Spanish, for about 60 minutes each.

Respondents were shown a series of surveys with a combination of the terms "Race/Origin," "Race/Ethnicity," and "Categories," and their equivalents in Spanish. In English, surveys using the combination of the terms "Race/Ethnicity" were "difficult to define" by some respondents. Additionally, surveys using the term "Categories" elicited confusion by respondents as they "often mentioned that they had to look at the responses offered to understand what exactly was meant."

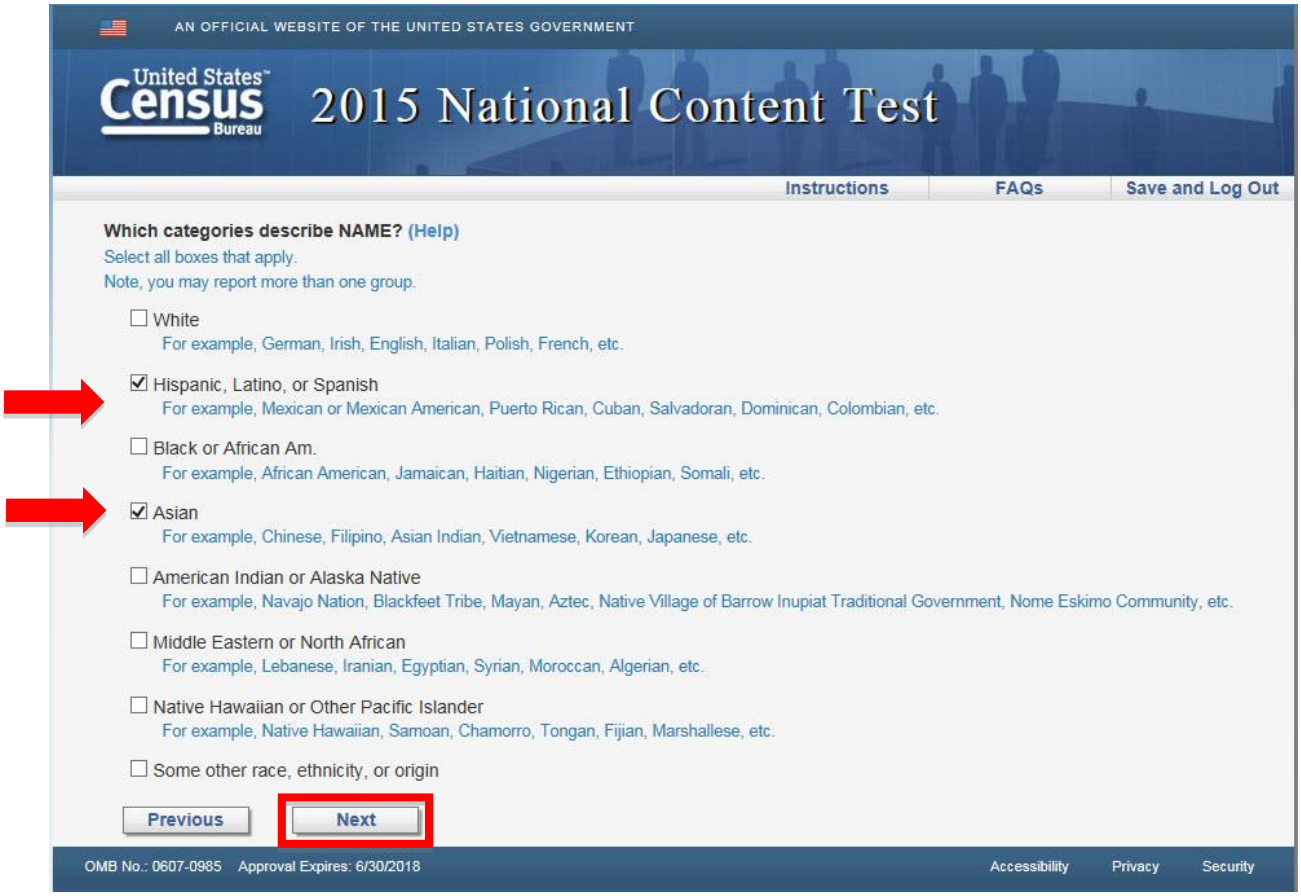
In Spanish, surveys using the combination of the terms "Race/Ethnicity" (*raza*/*origen étnico*) were understood to be asking "roots," "where you were born," and "ancestry." Surveys using the term "Categories" (*categorías*) were "understood well" by most respondents, however some had difficulty, interpreting *categorías* as meaning "social status or hierarchy," mirroring findings from CSM's report.

Evaluating Performance of the Questions with New Web-Based Designs

As discussed with the question format dimension, the 2015 NCT also presented the critical opportunity to compare the success of different question designs to determine how they performed in paper-based designs as well as with web-based data collection methods using the Internet and telephone response options. With the advantage of new technology to collect data via web-based designs, we tested different versions of the Internet question with detailed checkboxes for soliciting detailed racial and ethnic origins, described previously in the Question Format portion of this section.

We expound upon this dimension below to illustrate how this operated in the 2015 NCT. In the research, we employed these designs for all web-based methods, as we are not limited to computer-based Internet responses. The 2015 NCT enabled people to answer by smartphone or tablet, as well as with Telephone Questionnaire Assistance (TQA) from Census Bureau TQA representatives. The web-based approaches provided a series of screens to collect data for major groups (such as White, Hispanic, Black, and Asian) as well as data for detailed groups (such as Samoan, Iranian, Filipino, Jamaican, Puerto Rican, Irish, etc.). On the initial screen, we collected data on the major race/ethnicity categories by a checkbox and examples, which are shown for the six largest detailed groups representing the geographic diversity of the OMB race/ethnicity group's definition. Figure 10 provides an example where a respondent selected the box for Hispanic, Latino, or Spanish and the box for Asian.

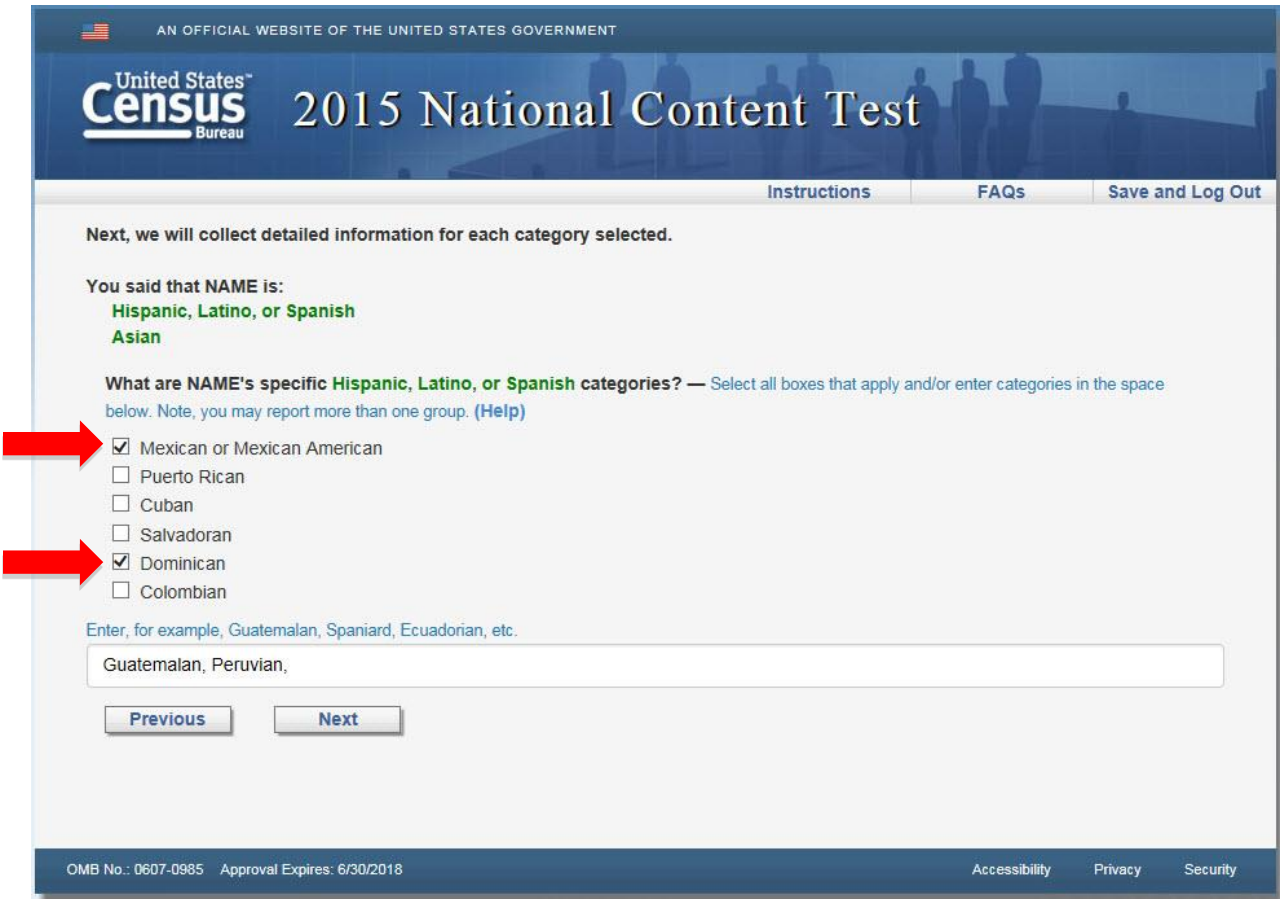
Figure 10. Initial Screen for Web-Based Designs



After that, they selected "Next," which advanced them to the next screen. For any selected category, a subsequent screen presented either several detailed checkbox groups and/or a dedicated write-in area to collect additional detailed responses, depending on the design treatment.

In our example, where the respondent marked they are Hispanic and Asian, the first follow-up screen collected detailed Hispanic groups, such as Mexican or Mexican American and Dominican (see Figure 11). Additionally, respondents could enter multiple additional responses, such as Guatemalan and Peruvian.

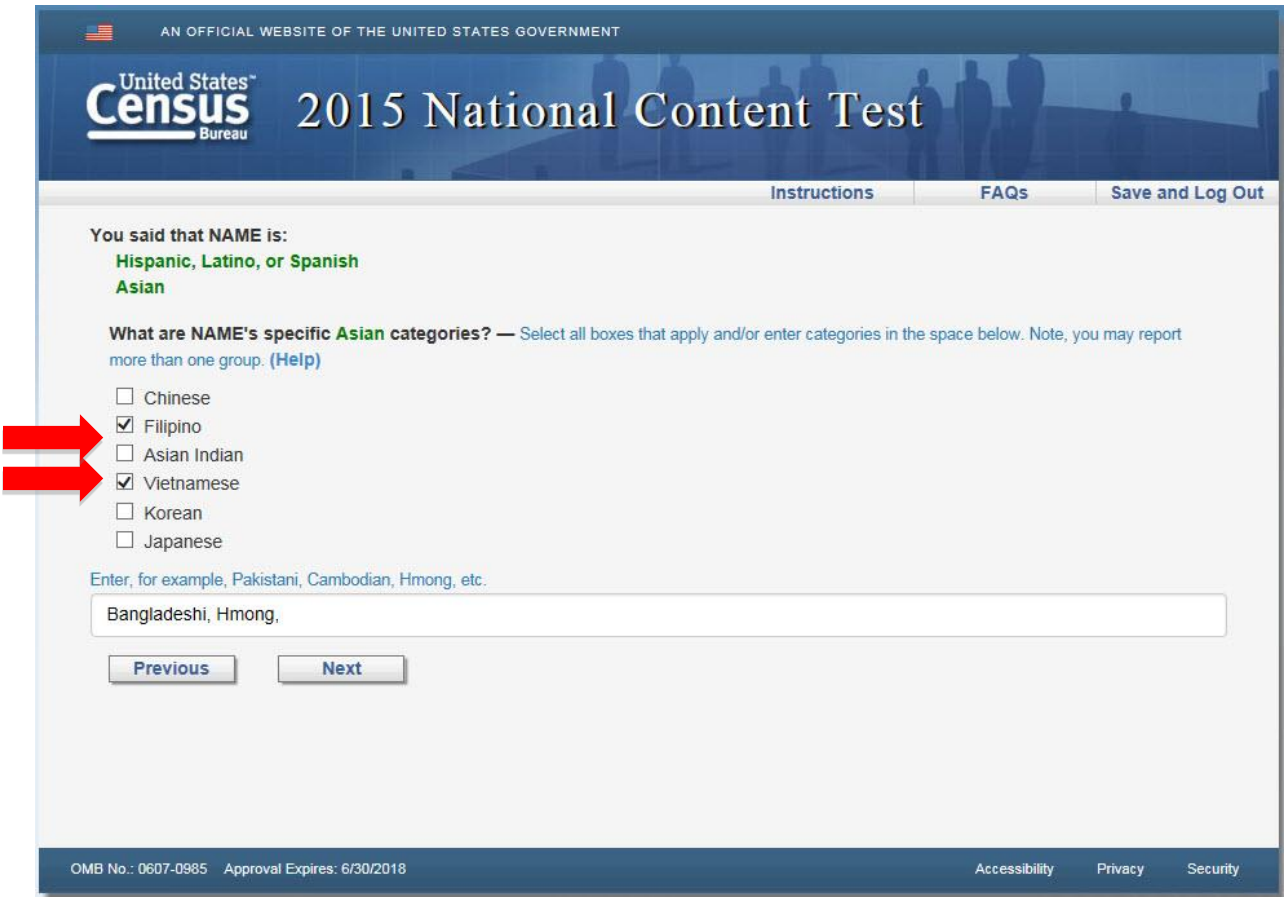
Figure 11. Subsequent Screen for Web-Based Designs (Hispanic, Latino, or Spanish)



After that, they would advance to the next screen, where, in similar fashion, another screen collected detailed Asian responses, such as Filipino and Vietnamese (see Figure 12 below). Additionally, on this screen, respondents could enter multiple additional responses, such as Bangladeshi and Hmong.

Please note that similar screens collected detailed data for all communities, such as German, Jamaican, Lebanese, Samoan, etc.

Figure 12. Subsequent Screen for Web-Based Designs (Asian)



3.1.3 Selection of Detailed Groups for Checkboxes and Examples

Detailed data for the major OMB categories contain dozens, and sometimes hundreds, of different national origin and ethnic groups. However, the vast majority of each OMB category's population in the United States is comprised of a handful of detailed groups. Through an analysis of recent decennial census data and American Community Survey (ACS) data, we demonstrate how this structural makeup informs and supports the development of rationale for the selection of detailed example groups for each major OMB category.

For example, 2010 Census data show that the three largest detailed Hispanic groups (Mexican, Puerto Rican, and Cuban) represent about three-quarters of the total Hispanic population in the United States. Altogether, the top six detailed Hispanic groups represent over four-fifths of all detailed Hispanic groups. Similarly, 2010 Census data show that the top six detailed Asian groups (Chinese, Filipino, Asian Indian, Vietnamese, Korean, and Japanese) represent over four-fifths of the Asian population in the United States.

In order to provide sufficient examples and also ensure groups that had checkboxes on the 2010 Census are represented in our new designs, we included six examples. This also fits nicely with the OMB definitions for each category, which generally reference three geographic areas to describe the population. Across all categories, the basic approach used to identify examples was to select the largest groups in the United States that represent the different geographic regions referenced in each of the OMB race and ethnicity group definitions.

3.2 Research Questions

The following section outlines the research questions related to each dimension of this study.

3.2.1 Research Questions for Testing Alternative Question Formats (Separate vs. Combined)

One main objective of the 2015 NCT is to evaluate the use of different question format approaches for collecting data on race and ethnicity. The research questions related to this dimension are as follows:

1. Which question approach yields more accurate responses, per reinterview?
2. What is the effect of the different formats on the reporting of major race/ethnicity groups and the reporting of "Some other race or ethnicity?"
3. What is the effect of the different formats on the reporting of multiple-responses?
4. Which question approach yields more accurate multiple-response data, per the reinterview?
5. Which question approach yields better self-identified reporting for Hispanics, reflecting lower Some Other Race reporting and more accurate responses based on the reinterview?
6. Which format has lower item nonresponse rates?
7. What is the effect of the different formats on detailed reporting across major categories?
8. What is the effect of the different formats on the reporting of detailed write-in responses in the appropriate write-in areas?
9. How do the different formats affect the reporting of specific detailed groups?
10. How do the "race" reporting patterns for Hispanics compare across question formats?

3.2.2 Research Questions for Testing Middle Eastern or North African Category

Another of the main objectives of the 2015 NCT is to evaluate the use of a distinct MENA response category for collecting data on race/ethnicity. The research questions related to this dimensions are as follows:

1. Which approach yields more accurate reporting of White and/or MENA, per reinterview, for respondents of MENA heritage?
2. Which approach yields more accurate responses, per reinterview, for respondents of MENA heritage?
3. Where are MENA responses being reported?
4. Which approach yields more accurate multiple-response data, per reinterview, for MENA respondents?
5. What effect does including a distinct MENA category have on detailed group reporting for MENA respondents?
6. Which approach optimizes detailed reporting of MENA groups, per reinterview?
7. What effect does including a distinct MENA category have on the reporting of other major race/ethnicity groups and the reporting of "Some other race or ethnicity?"
8. What effect does including MENA have on item nonresponse?

3.2.3 Research Questions for Testing Alternative Instructions and Terminology

Another objective of the 2015 NCT is to evaluate the use of new instruction wording and alternative terminology for the question format approaches for collecting data on race and ethnicity. The research questions related to this dimension are as follows:

1. Which instructions yield more accurate multiple-response data, per reinterview?
2. Which of the different terms yield more accurate multiple-response data, per reinterview?
3. What is the effect of instructions on the reporting of major race/ethnicity groups, for yielding more accurate responses, per the reinterview?
4. What is the effect of different terms on the reporting of major race/ethnicity groups, for yielding more accurate responses, per the reinterview?
5. What is the effect of instructions and terms on detailed group reporting, in terms of optimizing detailed reporting?
6. What is the effect of the instructions and terms on the reporting of major race/ethnicity groups and the reporting of "Some other race or ethnicity"?

3.3 Overview of 2015 National Content Test

The primary objective of the 2015 NCT was to test the content of the questionnaires. The content tested included race/ethnicity, relationship, and coverage. These content items were tested by asking questions on these topics in several different ways. There are eight different versions of the stateside paper questionnaire, and two versions of the Puerto Rico questionnaire. There is more flexibility with testing on the Internet, allowing us to test 288 unique combinations of the different versions of questions to optimize self-response. In addition to testing content, the NCT tested different contact strategies. Table 1 displays the nine different contact strategies.

Table 1. Contact Strategy Panel Design

	Panel	#1 (August 24)	#2 (August 31)	#3* (September 8)	#4* (September 15)	#5* (September 22)
1	**Internet Push (Control)**	Letter	Postcard	Postcard	Mail Questionnaire	
2	**Internet Push with Early Postcard**	Letter	Postcard (August 25)	Postcard	Mail Questionnaire	
3	**Internet Push with Early Questionnaire**	Letter	Postcard	Mail Questionnaire	Postcard	
4	**Internet Push with Even Earlier Questionnaire**	Letter	Mail Questionnaire	Postcard	Postcard	
5	**Internet Choice**	Mail Questionnaire	Postcard	Postcard	Mail Questionnaire	
6	**Internet Push with Postcard as 3rd Reminder**	Letter	Postcard	Postcard	Mail Questionnaire	Postcard
7	**Internet Push Postcard**	Postcard	Postcard	Letter	Mail Questionnaire	
8	**Internet Push with Early Postcard and 2nd Letter Instead of Mail Q**	Letter	Postcard (August 25)	Postcard	Letter	
9	**Internet Push with Postcard and Email as 1st Reminder (Same time)**	Letter	Postcard and Email (August 25)	Postcard	Mail Questionnaire	

* Note: Targeted only to nonrespondents.

One final aspect that the NCT tested is the language used in the letter. The first version of the letter was in English and had a Spanish sentence that encouraged the Spanish-speaking respondent to reply using the

Internet or TQA. The second version was a dual-sided letter, with English on one side and Spanish on the other. Finally, the third version was a swim-lane letter, where the English text was on the left side of the page, and the Spanish text was on the right side of the page.

The final self-response rate for the 2015 NCT was 51.9 percent. More information on the response rates across the different contact strategies can be found in Phelan (2016).

3.4 Sample Design

Census Bureau researchers developed a nationally representative sample for the 2015 NCT. Overall, the sample included 1.2 million housing units, with a complex sampling design strategy for race and ethnicity. The 2015 NCT sampling methodology was designed to measure content testing differences for relatively small population groups. This sample design consisted of selecting 1,180,000 households from the 50 states and the District of Columbia and 20,000 households from Puerto Rico. The sampling frame was built from the Master Address File and excluded households that were selected in the 2015 ACS and its supplements, were in the Savannah, Georgia designated marketing area as part of the 2015 Census Test, were selected in the 2015 Census Test in Maricopa County, Arizona, or had bad address values. Group quarters were also excluded.

The stateside sample design used a stratified, systematic sampling method that oversampled census tracts that contained relatively high percentages of various race and ethnicity groups, were susceptible to within-household coverage overcounts, or had low self-response propensities. The stateside sample of 1,180,000 households was divided into three portions: coverage, race/ethnicity, and OSR. To sample the coverage portion, the stateside sampling universe was subset to include only the tracts that had been flagged as susceptible for coverage overcounts. These subset tracts were stratified into the six special coverage groups and 180,000 households were selected.

Next, the households in the universe that were not selected for the coverage portion of the sample were stratified into one of the following six race strata based on race, ancestry, and Hispanic origin data from 2010 Census data and 2009-2013 ACS data. The sample was designed to ensure that the unbiased estimates from the test accurately reflected the nation as a whole, across a variety of demographic characteristics, by oversampling various race and ethnicity groups, including Asian and NHPI populations, AIAN populations, Black or African American populations, Hispanic or Latino populations, and MENA populations.The tracts were selected within these strata sequentially:

- **MENA Stratum**[1]: Tracts where the percentage of people in the tract who identify as MENA was 10 percent or more.
- **AIAN Stratum**: Tracts where the percentage of people in the tract who identify as AIAN was 10 percent or more.
- **Asian / NHPI Stratum**[2]: Tracts where the percentage of people in the tract who identify as Asian or NHPI was 15 percent or more.
- **Black or African American Stratum**: Tracts where the percentage of people in the tract who identify as Black or African American was 25 percent or more.
- **Hispanic or Latino Stratum**: Tracts where the percentage of people in the tract who identify as Hispanic or Latino was 45 percent or more.

[1] In addition to the groups listed in the MENA working classification (see Section 3.1.2), the following groups were included in the MENA stratum: Afghan, Armenian, Azerbaijani, Cypriot, Djiboutian, Georgian Commonwealth of the Independent States, Mauritanian, Somali, South Sudanese, Sudanese, Turkish, and Turkish Cypriot.
[2] Asian and NHPI populations are tabulated separately, but for the purposes of sampling they were combined.

- **All Other Groups Stratum**: The remaining tracts that do not fall into one of the previous strata.

The use of a multi-stratum oversample of key population groups enables us to gain a broader and deeper universe of diverse population groups across the country. As shown in Appendix F, Jones et al. (2016) illustrate how the 2015 NCT sample is allocated for race and ethnicity.

Table 2 displays the estimated number of tracts and housing units, the population, and race/ethnicity percentages in each of the six strata using 2009-2013 ACS data. The table also displays the overall 2010 Census mail response rates for those tracts, as defined by ACS data.

Table 2. Estimates of Race/Ethnicity Strata in the 2015 NCT Sample

Stratum	Number of Tracts	Number of HUs	Population	MENA %	AIAN %	Asian/ NHPI %	Black %	Hispanic %	2010 Census Mail Response Rate
MENA	770	1,176,267	3,112,719	**19.1**	1.0	14.2	9.4	15.5	67.4
AIAN	1,426	1,874,151	5,194,351	0.3	**26.3**	2.9	6.9	12.7	57.8
Asian/NHPI	6,359	10,555,098	30,048,814	2.2	1.3	**30.4**	9.0	20.0	69.0
Black	12,686	17,997,061	49,423,427	0.5	1.1	2.6	**53.5**	16.1	59.6
Hispanic	6,514	9,393,227	31,049,979	0.6	1.4	3.3	7.1	**73.6**	62.1
All Other	45,369	75,865,280	195,988,644	0.9	1.2	3.4	5.7	8.9	68.2

Source: Mathews (2015)

Table 3 shows how the 800,000 housing units in the 2015 NCT race and ethnicity sample were allocated for the six strata.

Table 3. 2015 NCT Race/Ethnicity Sample Allocation

Stratum	Sample Size Chosen for Race Portion	Probability of Selection
MENA	100,000	0.0767
AIAN	100,000	0.0501
Asian/NHPI	100,000	0.0086
Black	160,000	0.0077
Hispanic	160,000	0.0169
All Other	180,000	0.0021

Finally, after the coverage and race/ethnicity portions had been selected, the remaining households in the universe were stratified into three response propensity strata, and a sample of 200,000 housing units was selected for the OSR portion of the sample. After the 1.18 million household sample was selected, the sampling flags were assigned to indicate which version of the paper and Internet questionnaires the household would receive as well as which contact strategy would be used for that household. The use of a multi-stratum oversample of key population groups will enable us to gain a broader and deeper universe of diverse population groups across the country.

Note, for the Puerto Rico sample, only the housing units in the San Juan Municipio, or county, were eligible for the 2015 NCT. A systematic sample of 20,000 households was selected and the appropriate

sampling flags were assigned. For more information on the sample design of the stateside or Puerto Rico sample, please refer to Mathews (2015).

3.5 Reinterview Evaluation

3.5.1 Overview of Reinterview

The second major component of the 2015 NCT was a telephone reinterview study conducted with a sample of the 2015 NCT survey respondents. Approximately 100,000 households were sampled for the reinterview, with approximately 75,000 of the cases focusing specifically on the topics of race and ethnicity. The remaining 25,000 households were reinterviewed to study within-household coverage accuracy; the results from this coverage reinterview will not be discussed in this report. The reinterviews took place from September 21, 2015 to December 14, 2015, and the response rate to the race and ethnicity reinterview was 56.5 percent.

The telephone reinterview used in this analysis collected data from a subset of respondents and was focused solely on the race and Hispanic origin questions. The reinterview included questions about the respondent and, for households with more than one person, one other randomly selected person in the household. When the reinterview took place, efforts were made to speak with the person who filled out the initial survey, in order to reduce variability because of respondent differences. Overall, 98.1 percent of the reinterview respondents indicated that they were the same person who completed the 2015 NCT.

This reinterview research aimed to assess the accuracy and the reliability of the various race and Hispanic origin question designs by exploring responses to a number of probing questions. This research, which built on the reinterview that was conducted in the 2010 AQE research, helped to measure respondents' self-identified "true" racial and/or ethnic identity through a series of detailed questions and probes to aid in determining our truth measure. The 2015 NCT reinterview was developed in concert with demographic and sociological experts along with survey methodologists to probe more extensively into how respondents self-identify.

We recognize that race and ethnicity are not quantifiable values. Rather, identity is a complex mix of one's family and social environment, historical or sociopolitical constructs, personal experience, context, and many other unmeasurable factors. Because this idea of "truth" is not easy to define for self-identified race and Hispanic origin from a single data point, we cannot expect to definitively evaluate it using only information from the self-response survey.

Therefore, the NCT reinterview was designed to probe more extensively than the census questionnaire by asking three series of questions about how respondents self-identify, as well as to collect more detailed information about respondents' racial and ethnic background. The first question was an open-ended question that asked the respondent to identify their race or origin. The second set of questions was a series of yes/no questions meant to probe into the respondent's complete racial and ethnic background. The third set of questions asked for detailed origin for each category that the respondent answered yes to. Later in the reinterview, there was also a question that asked how the respondent was perceived by others, but this question was not used to determine truth. The selected question series underwent extensive cognitive testing, and were based on the 2010 AQE reinterview questions (Dusch 2011). A copy of the race, ethnicity, and origin reinterview questions for the 2015 NCT is provided in Appendix C.

3.5.2 Reinterview Sample Design

The reinterview sample design was a systematic random subsample of about one in eight of the selected sample housing units. There was no further oversampling of the preselected reinterview cases beyond the oversampling present in the mailout sample. Those households for which we received a sufficient response before completion of the reinterview were included in the reinterview workload.

3.6 Data Processing

3.6.1 Coding

As part of the 2015 NCT research, we collected detailed data for all major categories using dedicated write-in areas and/or detailed checkboxes. This effort to collect, code, and tabulate myriad detailed groups required extensive research by Population Division's Special Population Statistics Area (SPS) and consultation with external experts on various race and ethnic groups. Over the past two years, SPS subject matter experts researched and developed updates to enhance and expand previous code lists for race, Hispanic origin, and ancestry data.

This research primarily focused on the code lists for European, Middle Eastern and North African, Sub-Saharan African, and Afro-Caribbean national origins and ethnic groups—many of which did not exist as distinct race codes in previous census data collections and tabulations—but also covered all major categories (e.g., Hispanic or Latino, Asian, Pacific Islander) within the full code range. These new code ranges, which include approximately 300 new terms, cumulatively created the 2015 *Race, Ethnicity, and Origin Code List* (as seen in Appendix E), which was employed for the 2015 NCT research to help evaluate the reporting of detailed responses to the race/ethnicity question(s).

For the 2015 NCT research, we employed the *Race, Ethnicity, and Origin Code List* to code race, ethnicity, and origin responses. The *Race, Ethnicity, and Origin Code List* employed three-digit codes for race and ethnicity groups in numeric and alphanumeric sequence, meaning that the three-digit codes either contain all numbers (e.g., 114) or contain a mix of letters and numbers (e.g., A01). This critical reference was the foundational resource for researching and assigning codes to residual responses.

The list contained race, ethnicity, and origin codes and their unique descriptors beneath larger headings for the major race/ethnicity categories. Larger code ranges were used to group together and distinguish the major groups from one another (e.g., the 400-499 code range is reserved for Asian codes). Figure 13 lists the different code ranges for the major race/ethnicity groups as well as a range for responses that do not fall within these groupings (e.g., United States, American, religious responses, and uncodable terms), for the Combined Question, the Separate race question, and the Separate Hispanic question, respectively.

Figure 13. Range Values for Race, Ethnicity, and Origin Code List

Combined Race/Ethnicity Question	
Code Range Values	**Race, Ethnicity, or Origin – General Headings**
001-141, 182-194	White
200-299, V24-Z99	Hispanic, Latino, or Spanish
300-399	Black or African American
400-499	Asian
500-599, A01-Z99	American Indian, Alaska Native, Central and South American Indian
142-181, 195	Middle Eastern or North African
600-699	Native Hawaiian or Other Pacific Islander
700-799	Some other race, ethnicity, or origin
800-899	Not used by coders
900-999	United States, American, Religious responses, Uncodable terms
Separate Race Question	
Code Range Values	**Race, Ethnicity, or Origin – General Headings**
001-141, 182-194	White
300-399	Black or African American
400-499	Asian
500-599, A01-Z99	American Indian, Alaska Native, Central and South American Indian
142-181, 195	Middle Eastern or North African
600-699	Native Hawaiian or Other Pacific Islander
700-799, 209-299, V24-Z99	Some other race, ethnicity, or origin
800-899	Not used by coders
900-999	United States, American, Religious responses, Uncodable terms
Separate Hispanic Question	
Code Range Values	**Race, Ethnicity, or Origin – General Headings**
207, 209-299, V24-Z99	Hispanic
001-199, 208, 300-799, A01-V23	Not Hispanic
900-999	United States, American, Religious responses, Uncodable terms

The code ranges for the Separate and Combined Questions largely overlap, with differences solely lying in the way in which Hispanic responses are tabulated. Hispanic responses in the separate Hispanic origin question constitute the codes in the 200 range and the alphanumeric codes V24-Z99. When the Separate Questions approach was used, detailed Hispanic origin responses to the separate race question were coded in the SOR category, whereas for the Combined Question approach, all detailed Hispanic origin responses were coded in a distinct Hispanic category.

3.6.2 Data Editing

After the race and ethnicity responses were coded, the data collected from both the self-response and reinterview components of the NCT were pre-edited using an updated and concise version of the 2010 Census procedures. The purpose of these pre-edits was to standardize the race and ethnicity classifications across all experimental panels.

The NCT pre-editing procedures included:

- Converting checkbox responses to three-digit codes.
- Ensuring that codes assigned to write-in responses during the coding operation are valid.
- Limiting write-in responses to no more than 10 codes each.
- Eliminating duplicate codes.
- Removing general codes when specific codes are provided (e.g., if the code for the Asian checkbox and a code for Chinese are present, only the code for Chinese would be retained).

3.6.3 Name Matching

After preparing the 2015 NCT reinterview data for analysis, the persons from the completed reinterview cases were matched to the 2015 NCT persons from the initial self-response survey using a computerized matching program. This program was developed to accurately link the person data from the two data collections together for analysis. The overall match rate was 95.9 percent.

3.6.4 Reinterview "Truth"

The NCT race and ethnicity reinterview included a series of questions intended to explore the respondents' racial and ethnic background. Each respondent's "true" self-identified racial and ethnic identity was determined through a combination of responses provided during the reinterview. The following major categories (and multiple-group combinations of these categories) were used for comparative purposes in the analyses:

1. White
2. Hispanic or Latino (Hispanic)
3. Black or African American (Black)
4. Asian
5. American Indian or Alaska Native (AIAN)
6. Middle Eastern or North African (MENA)
7. Native Hawaiian or Other Pacific Islander (NHPI)
8. Some Other Race, Ethnicity, or Origin (SOR)

The initial step of determining a respondent's "true" self-identified race/ethnicity was through an automated truth program, which was applied to the coded reinterview responses. In this program, the first and second parts of the reinterview were coded independently. The first part of the reinterview refers to the open-ended question, and the second part refers to the series of yes/no questions, as well as the set of follow-up questions asked for detailed origin for each category that the respondent answered yes to. Responses were determined as "truth" for cases where both sets of questions had the same response, or where only one valid response was provided. Additional cases that were not assigned truth in the automated truth program were sent to clerical review where analysts and demographers independently studied these special cases and decided on a final "truth" for each situation. Otherwise, unresolved cases

were sent to a panel review consisting of additional Census Bureau experts for final resolution. At all steps of the process, the 1997 OMB standards were used to guide final decisions on "truth."

3.7 Data Analysis

The 2015 NCT panels were designed to test key dimensions for improving the questions on race and ethnicity. These dimensions were expected to affect different aspects of respondent reporting, including item reliability/consistency, nonresponse, and distributions. All of these aspects were considered when making conclusions on the various dimensions and overall question design.

This section presents the analyses that were conducted to compare and evaluate the various race and ethnicity treatments in the 2015 NCT.

3.7.1 Analysis Measures

The data analysis was performed for the 2015 NCT self-response data and the 2015 NCT reinterview response data. In our analysis, we only included sufficient[3] responses for both the self-response and reinterview. Each of the analyses were produced overall and by mode (Internet, TQA , paper) and the analyses used in each key dimension will be noted. Some of the major analysis measures that were employed for this research are listed below:

- Major race/ethnicity category response distributions.
- Item nonresponse rates.
- Percentage of consistent responses (measure of reliability) for each major race/ethnicity group, based on content reinterview.
- Percentage of detailed responses for each major race/ethnicity group.
- Percentage of multiple responses for major groups, compared with the reinterview.

In addition, the analysis incorporated explanatory multivariate logistic regression models to determine which dimensions of the race and ethnicity research are most associated with detailed reporting, nonresponse to the race question, consistency, and multiple reporting. For all of these explanatory models, the data was subset down to those respondents who completed the 2015 NCT on the Internet only. Unlike paper, all 36 possible combinations for forms are available on the Internet. Therefore, modeling Internet self-response data allows for the ability to look at all possible interactions that occur when a key component of the questionnaire is changed.

The regression models considered factors such as the experimental treatments, device type (e.g., computer, tablet, or smartphone), and demographic characteristics. The models also examined how the different experimental factors interact and if the interactions are associated with significant differences for the metrics of interest. For example, regression models that incorporate interactions between question format and the inclusion of a dedicated MENA category were developed to explore some of the key metrics described in this study plan. The findings of the models, located in Section 5.4, were considered in concert with the tables described in this report when answering each research question.

[3] For the self-response survey, a response was considered sufficient if at least two household-level items or at least two of the following person-level items are provided: name, age/date of birth, sex, race/Hispanic origin, or relationship. In order for each person in the household to be included in the analysis, they must have responses for at least two of the above items. For the reinterview, a response was considered sufficient if there was one or more person level response(s) with a name and at least one valid response to the race, ethnicity, and origin questions.

3.7.2 Software Used for Data Analysis

The data analysis for this report was generated using SAS software, Version 9.4 of the SAS System for UNIX and Linux. Copyright © 2002-2012 SAS Institute Inc. SAS and all other SAS Institute Inc. product or service names are registered trademarks or trademarks of SAS Institute Inc., Cary, NC, USA.

3.8 Variance Estimation and Statistical Testing

For appropriate estimation, the initial survey and reinterview response data were weighted to reflect the complex sample designs and adjusted to reduce nonresponse bias. A random groups method was used to create the replicate weights, and we used stratified jackknife replication estimation. In this method, housing units were sorted in the order they were selected and reassigned to one of 250 different groups or replicates for the initial survey and 50 replicates for the reinterview.

As appropriate, chi-square tests were performed to study the association between a given treatment and the resulting distributions, and pairwise t-tests were performed to compare differences in various estimates between two specific treatments groups. All comparative statements in this report have been statistically tested.

To help ensure the validity of statistical inference when making multiple statistical comparisons, when applicable, multiple comparison corrections were used to maintain the family-wise error rate at $\alpha = 0.05$. The Holm-Bonferroni method (Holm, 1979) was used to adjust for the increased possibility of erroneous conclusions when multiple comparisons are made. The multiple comparison corrections reduce the possibility of identifying false-positive differences and ensure that we did not cloud our ability to form inferential conclusions. For this report, a family of tests was considered to be all tests performed on a specific table. For tables shown by response mode, corrections were made within each mode individually, not across all modes.

4. Limitations

4.1 Test Environment versus a Decennial Census Environment

The 2015 NCT was not carried out in a decennial census environment, which is difficult to replicate without a large-scale communication and partnership program. Because of this and other factors such as increased public awareness and trust in the decennial census, the 2015 NCT likely had a lower overall self-response rate than will be seen in the 2020 Census.

4.2 Exclusion of Responses Where No User ID Was Provided

Though all sampled households were sent a unique User ID with each invitation to reply, a respondent could complete an electronic census form without using his or her User ID by providing an address. Such responses are called non-ID responses. Non-ID respondents were excluded from the analysis in this report because all non-ID respondents received the same content. Since interest lay in comparing results across many panels, a determination of which question designs perform better for non-ID respondents was not possible. The results from this report, therefore, can only be generalized to respondents who used an ID living in the 50 states, the District of Columbia, and Puerto Rico.

4.3 Sampling Universe

The sample for the 2015 NCT only included addresses in the Mailout/Mailback universe. This excluded populations found in areas with lower mailability (e.g., Island Areas, American Indian reservations, and areas of remote Alaska) as well as populations who live in group quarters. The impact of this coverage limitation depends, in part, on how different the response behavior is for those not included in the sampling frame. It is difficult to estimate the expected effects of this limitation for the key statistics since it is a function of both the proportion not covered by the frame and the difference in the survey statistics between those covered and those not covered.

4.4 No Nonresponse Followup

A Nonresponse Followup operation was not included as part of the 2015 NCT. If answers to questions about race and ethnicity are markedly different between respondents and nonrespondents, nonresponse bias is a limitation of the 2015 NCT that should not be ignored. Weights were developed to account for nonresponse using sampling variables.

4.5 Generalizing Demographic Distributions to the Nation

Estimated demographic distributions included in this report are not meant to be measures of any actual demographic distribution in the United States at the time of the 2015 NCT. Though weights are used to account for differential sampling probabilities and for nonresponse, this report includes only self-responders in areas with relatively high address mailability. Recall that the 2015 NCT did not include a Nonresponse Followup operation or any enumeration of areas with high concentrations of nonmailable addresses. Households who usually respond through Nonresponse Followup or who live in areas with high concentrations of nonmailable addresses may have different household compositions than those included in the 2015 NCT. In order to not affect the demographic composition we observe in the data, the weights do not impose demographic controls.

4.6 Statistical Power for the Analysis of Small Race or Ethnicity Groups

Though the sample design for the 2015 NCT included an oversample of some small racial and ethnic groups, the analysis of effects for these small groups is limited by the available statistical power. This is especially true when analyzing responses to the reinterview for small groups. Care should be taken when drawing conclusions about the effect of a particular experimental treatment for these small groups, and standard errors have been provided wherever possible to enable readers to make informed decisions.

4.7 "Truth" for Race and Ethnicity

Throughout this document, we use responses to the series of race and ethnicity questions in the reinterview as "truth" when comparing to self-response. All information about the race and ethnicity of household members are provided by the respondent to the initial survey or by the respondent to the reinterview. "Truth" is therefore established through responses provided by the respondent rather than through any separate means. This report does not attempt to evaluate the correctness of any person's self-reported race or ethnicity; instead, responses to the detailed question series included in the reinterview are compiled into a single measure and compared to the response in the initial self-response interview. Unlike information such as age, education, or other easily quantifiable concepts, racial and ethnic identity is a fluid and mutable self-identified construct, which can change across time, experience, context, and other factors. While it may not be possible to definitively determine self-identified "true" racial and ethnic identity for all respondents, we strongly believe the reinterview design presents the best attempt to measure this complex phenomenon for the purposes of this analysis. We believe the reinterview

successfully employed an extensive series of detailed questions and probes to aid in determining our "truth" measure.

4.8 Response Conditioning in the Reinterview

During the reinterview, efforts were taken to speak with the person who completed the initial self-response survey. It is possible that the reinterview respondent was therefore conditioned to respond in a certain way based on his or her response experience during the initial self-response survey. For example, a person who received a questionnaire version where the MENA category was included in the race and ethnicity question during the initial self-response survey may have been conditioned to expect a question about MENA during the race and ethnicity questioning phase of the reinterview. On the other hand, a person who received a questionnaire version where the MENA category was not included in the race and ethnicity question during the initial self-response survey may have not expected to encounter a MENA question during the reinterview's race and ethnicity question series. In addition, it is possible that because the reinterview occurred so close in time to respondents receiving the initial self-response survey that a respondent may have recalled his or her response to the initial self-response survey and provided the same response in the reinterview. Since any conditioning effect would be present for all panels, we assume that the effect is uniform across panels and that our ability to measure differences between panels was not affected.

4.9 Printing Error in Questionnaire Version I

An issue was identified during system readiness testing with one version of the stateside paper questionnaires, Questionnaire I. During testing, it was found that the print vendor erroneously replaced the address fields of "Person 5" with the English version of the Puerto Rico address fields. Because of the timing of finding this issue, the affected questionnaire and the households scheduled to receive it needed to be removed immediately from contact strategy panels 4 and 5 (See Table 1 in Section 3.3). While all Questionnaire I households were removed from contact strategy panel 5, not all were removed from contact strategy panel 4. These households were removed from the analysis (16,349 sampled cases).

5. Results

This section includes the results of the data analysis related to each dimension of the race and ethnicity research. It also includes results of the explanatory models, which were used to determine which dimensions are most associated with detailed reporting, nonresponse to the race question, consistency, and multiple reporting.

The tables in this report are primarily displayed using the Internet response data since the experimental design was fully crossed in that mode. However, some tables are shown using the paper response data or all the response data where appropriate. The appendix includes tables using the remaining modes of data that are not displayed in this section. We are aware that the demographics of respondents differ by mode (for instance, see Phelan 2016) because of the self-selecting nature of the decennial census design in which different respondents opt to respond in different ways; therefore, we took the results from all modes into consideration when making final conclusions. The tables should not be compared across modes, but instead should be compared across the experimental treatments within each mode.

5.1 Analysis of Alternative Question Formats (Separate vs. Combined)

In this section, the data are displayed by question format (Separate Questions, Combined Question with Write-In Response Areas, and Combined Question with Detailed Checkboxes). First, the reporting patterns of major racial and ethnic groups are displayed. Then, we show the reporting patterns of the Hispanic population. Additionally, the rates of item nonresponse, detailed reporting, multiple category reporting, and consistency are presented. The statistical testing was done to compare the Separate Questions approach to the Combined Question with Write-In Response Areas approach, and then again to compare the Separate Questions approach to the Combined Question with Detailed Checkboxes approach. The two combined questions were not compared to one another, except for the examination of detailed reporting rates (Table 10 and Table 11). Often, the results were similar when comparing the Separate Questions format to each of the two combined question formats. Therefore, the conclusions may simply reference the results between the Separate Questions approach and the "combined question formats."

The analysis begins with Table 4, which presents the reporting patterns of major racial and ethnic groups for the different question formats in the self-response survey. The columns do not sum to 100 percent because the rates are calculated when a race or ethnicity is reported alone or in combination. For example, if a person reported they were Asian ***and*** MENA, they were counted in both rows for the Asian population and for the MENA population.

The category for "Invalid Responses" represents cases when a respondent responded to the question but provided a response that was either coded as "invalid" or the reporting pattern was determined to be "invalid" based on reporting requirements. For example, some respondents in the past have reported that they are a "*Martian*" or a "*Human Being*," or they wrote in objections to the question such as, "*This is none of your business*" or "*We are all one human race*." Additionally, some respondents in the past have marked every single checkbox category but did not provide valid write-in responses, and these response patterns are edited and determined to be "invalid." The "Missing Responses" category represents cases when a respondent did not answer the question at all—that is, they did not mark any of the checkboxes, nor did they enter a response in any of the write-in areas.

Table 4. Race/Ethnicity Group Distribution by Question Format for Internet

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	78.6% (0.46)	75.2% (0.51)	75.0% (0.54)
Hispanic	11.3% (0.27)	12.5% (0.26)	12.3% (0.27)
Black	8.3% (0.36)	8.1% (0.36)	8.3% (0.36)
Asian	7.7% (0.17)	7.7% (0.19)	7.8% (0.16)
AIAN	4.2% (0.08)	4.6% (0.08)	3.6% (0.07)
MENA	0.9% (0.04)	1.0% (0.04)	1.1% (0.04)
NHPI	0.4% (0.02)	0.4% (0.02)	0.3% (0.02)
SOR	10.2% (0.25)	1.5% (0.05)	1.0% (0.04)
Invalid	0.6% (0.03)	0.3% (0.02)	0.3% (0.02)
Missing	1.0% (0.04)	0.8% (0.04)	0.7% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

There were significant differences in the distributions of major race and ethnic groups when comparing the Separate Question format to each of the combined question formats. Specifically, there were significantly higher percentages of respondents who reported as White using the Separate Questions format compared to the combined question formats. There were significantly higher percentages of respondents who reported as Hispanic when responding using the combined question formats than the Separate Question format.

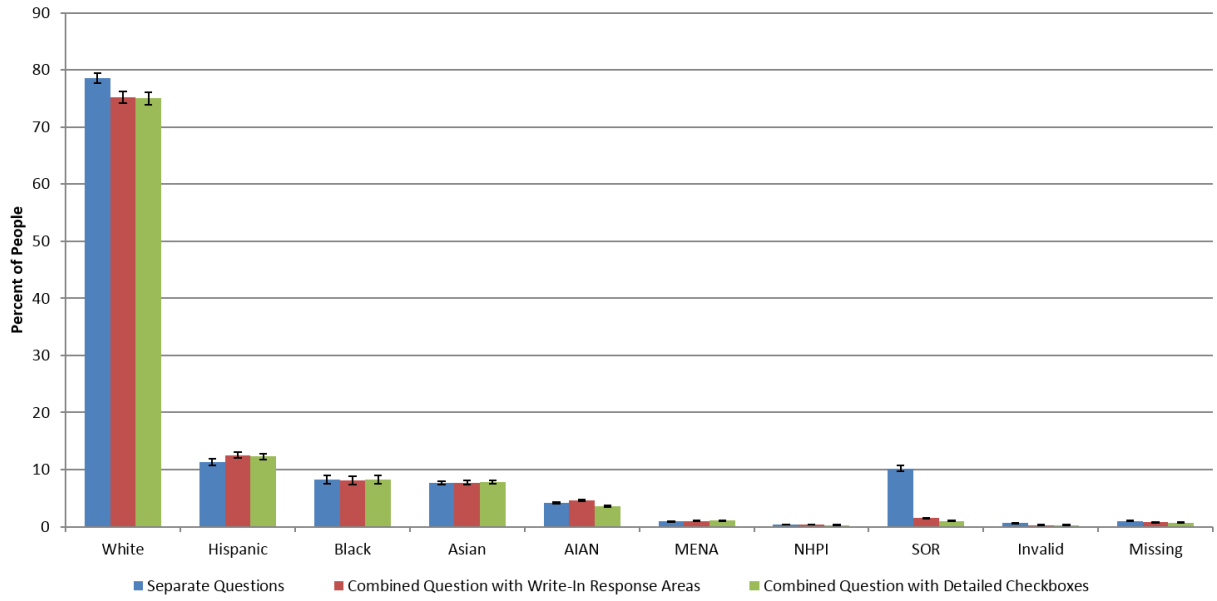
We also found significantly higher levels of SOR reporting from respondents assigned the Separate Questions format compared to each of the combined question formats, as well as higher rates of invalid and missing responses. By reducing the percentage of respondents reporting SOR and the percentage of missing and invalid responses, the combined question format increased the reporting within OMB categories.

One of the most notable findings from the 2010 AQE research was that while SOR reporting for the separate questions approach was as high as seven percent, the combined question designs yielded a substantially reduced SOR population under half a percent. A similar result was also found in the NCT, wherein about 10 percent of people identified as SOR in the Separate Questions approach, compared with about 1 percent in the Combined Question with Detailed Checkboxes approach. When Hispanics have an opportunity to choose Hispanic as their category in the combined question, the SOR identification drops down to the residual response group that it was intended to be.

There were no significant differences in the reporting of Asian, Black, or NHPI when comparing the Separate Question format to the combined question formats. Additionally, there was no significant difference in the reporting of MENA when comparing the Separate Question to the Combined Question with Write-In Response Areas. There was, however, a significantly lower level of reporting of MENA using the Separate Question than the Combined Question with Detailed Checkboxes.

Table 4 is also represented as a chart in Figure 14.

Figure 14. Race/Ethnicity Distributions by Question Format
Percent Alone or in Combination for Internet



Source: 2015 National Content Test data.
Note: 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

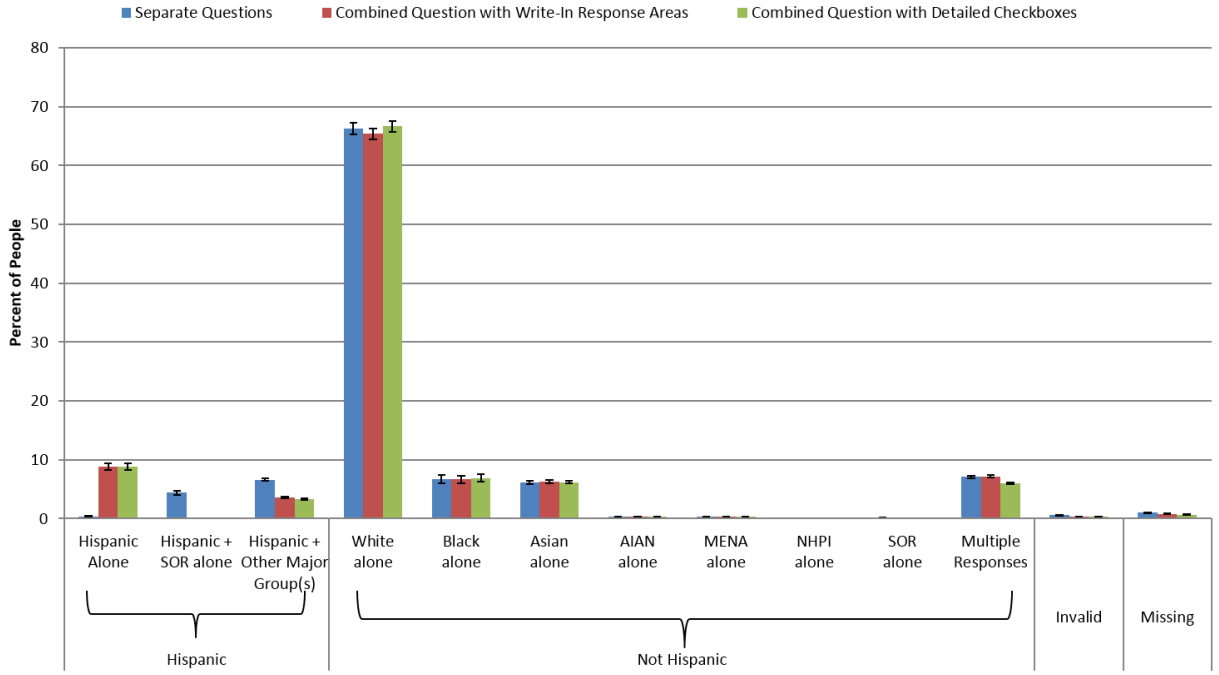
Next, the distribution is displayed in a slightly different way in Table 5 and Figure 15. The distributions of the data are given for Hispanic and non-Hispanic groups.

Table 5. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for Internet

	Hispanic			Not Hispanic									
	Hispanic alone	Hispanic + SOR alone	Hispanic + Other Major Group(s)	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Multiple responses	Invalid	Missing
Separate Question	0.4% (0.02)	4.4% (0.19)	6.6% (0.11)	66.3% (0.49)	6.7% (0.34)	6.1% (0.15)	0.3% (0.02)	0.3% (0.02)	0.1% (0.01)	0.2% (0.01)	7.1% (0.10)	0.6% (0.03)	1.0% (0.04)
Combined Question with Write-In Response Areas	8.9% (0.29)	0.1% (0.01)	3.6% (0.07)	65.4% (0.46)	6.7% (0.33)	6.3% (0.15)	0.3% (0.02)	0.3% (0.02)	0.1% (0.01)	0.1% (0.01)	7.2% (0.09)	0.3% (0.02)	0.8% (0.04)
Combined Question with Detailed Checkboxes	8.9% (0.29)	0.1% (0.01)	3.3% (0.07)	66.7% (0.47)	6.9% (0.34)	6.2% (0.13)	0.3% (0.02)	0.3% (0.02)	0.1% (0.01)	0.1% (0.01)	6.0% (0.10)	0.3% (0.02)	0.7% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Figure 15. Percent Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format



Source: 2015 National Content Test data.
Note: 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

There was a significant difference in the distribution of race and ethnicity reporting between the Separate Questions format and the Combined Question with Write-In Response Areas format. There was also a significant difference in the distribution of race and ethnicity reporting between the Separate Questions

format and the Combined Question with Detailed Checkboxes format. These results were true for both Internet and paper responses. There are statistical differences in the reporting of each of the Hispanic tabulated groups, as seen in the first three columns of the table. The percentages of respondents reporting Hispanic alone were significantly higher in the combined question formats, and the percentage of respondents reporting Hispanic and another race group was significantly higher in the Separate Question format. When the race and Hispanic origin questions are separate, those who say "Yes" to the Hispanic origin question are also asked to provide an answer to the race question, even though they may not identify with any of the options provided in the race question.

The differences in distributions between the Separate Questions format and the combined question formats were not limited to the reporting of Hispanic respondents. When the three Hispanic columns were collapsed into one, there was still a significant difference in the distribution of race and ethnicity reporting between the Separate Questions format and both combined question formats. Again, these results were true for both Internet and paper responses.

The percentage of the non-Hispanic White alone population in the Combined Question with Write-In Response Areas was significantly lower than the percentage of non-Hispanic White population in the Separate Questions format. However, the percentage of non-Hispanic White alone population in the Combined Question with Detailed Checkboxes was not statistically different than the percentage of non-Hispanic White population in the Separate Questions format. This result is important, as it replicates what we found conceptually with the 2010 AQE research and focus groups. Namely, that while the distribution for the White alone or in combination population decreases in combined question panels, this is to be expected since Hispanics have the opportunity to report Hispanic on the questionnaire. As previously discussed in the AQE research, the proportion of respondents who report White alone for the combined panels is in line with the proportion of non-Hispanic Whites that we see in the crosstab of the two separate questions. See Section 2.1 for more details.

It is important to understand the race reporting patterns for Hispanic respondents across the different question formats. The next few tables focus specifically on reporting patterns of Hispanic respondents in more detail. Table 6 displays the race distribution of respondents that identified as Hispanic in the self-response survey. For the Separate Questions format, a respondent needed to respond "Yes" (indicating that the respondent was Hispanic) to the separate Hispanic origin question to be included in this table. The race distribution includes all responses to the separate race question for those respondents. For the combined question formats, a respondent who provided a Hispanic response within any of the race or ethnicity categories is included in this table. The race distribution includes all other race/ethnicity responses provided to that question.

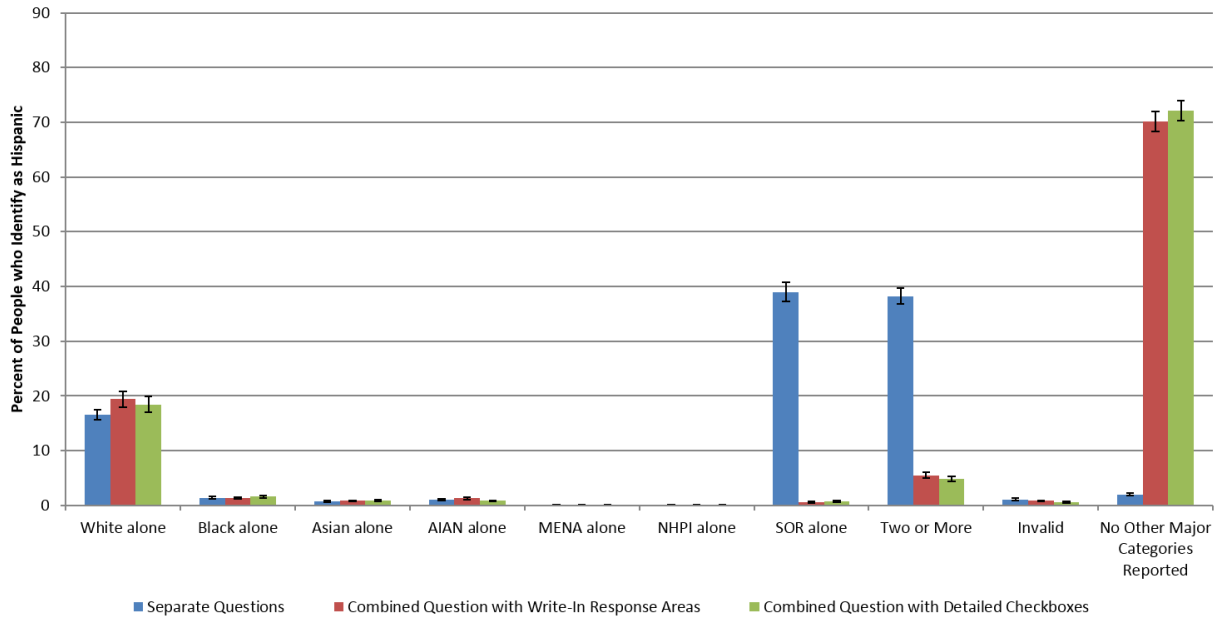
Table 6. Race Distribution for Hispanic Respondents by Question Format for Internet

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	16.5% (0.46)	1.4% (0.12)	0.7% (0.07)	1.0% (0.09)	0.1% (0.02)	0.1% (0.03)	39.0% (0.92)	38.2% (0.73)	1.1% (0.11)	2.0% (0.14)
Combined Question with Write-In Response Areas	19.4% (0.76)	1.3% (0.09)	0.8% (0.07)	1.3% (0.11)	0.1% (0.03)	0.1% (0.02)	0.6% (0.07)	5.5% (0.25)	0.8% (0.07)	70.1% (0.93)
Combined Question with Detailed Checkboxes	18.4% (0.74)	1.6% (0.12)	0.9% (0.08)	0.8% (0.07)	0.1% (0.02)	0.1% (0.01)	0.7% (0.09)	4.8% (0.24)	0.6% (0.06)	72.1% (0.91)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

This table is also represented as a chart in Figure 16.

Figure 16. Percent Distribution of Race for Hispanic Respondents by Question Format



Source: 2015 National Content Test data.
Note: 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

As shown in Table 6 and Figure 16, the percentage of Hispanics who did not provide a response in any other major category is significantly higher for the combined question formats than the Separate Questions format. In the combined question formats, Hispanic respondents are easily able to identify as only Hispanic. In the Combined Question with Write-In Response Areas, 70.1 percent reported as Hispanic only; 72.1 percent of did so in the Combined Questions with Detailed Checkboxes format. In order to identify as only Hispanic when responding using the Separate Questions approach, a respondent would need to skip the race question. This is difficult to do on the Internet, because when a respondent tries to move forward without answering a question, an edit message is generated, which asks the respondent to provide an answer.

The percentages of Hispanics who provided a SOR or Two or More response were statistically lower for the combined question formats than for the Separate Questions format. In the Separate Questions format, the majority of Hispanics who were only SOR provided a Hispanic response to the race question.

The percentage of Hispanics who provided a White response or no other major category was significantly higher for the Combined Question with Write-In Response Areas format than it was for the Separate Questions format. There was no statistical difference in the reporting of White when comparing the Combined Question with Detailed Checkboxes format to the Separate Questions format.

The percentage of Hispanics who provided an Invalid response was statistically lower for the Combined Question with Detailed Checkboxes format. There was no statistical difference in the reporting of Invalid responses when comparing the Combined Question with Write-In Response Areas format to the Separate Questions format.

Next, Table 7 displays how respondents who identified as Hispanic in the reinterview responded to the self-response survey for all modes.

Table 7. Reporting Patterns of the Hispanic Reinterview Population by Self-Response Question Format for All Modes

	Separate Questions	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Identified as Hispanic ONLY	7.6% (0.81)	72.8% (1.25)	71.9% (1.43)
Identified as Hispanic *AND* White	15.6% (1.14)	14.4% (0.92)	14.8% (1.12)
Identified as Hispanic *AND* Black	0.9% (0.23)	1.0% (0.23)	0.9% (0.29)
Identified as Hispanic *AND* SOR	29.8% (1.39)	0.1% (0.03)	1.0% (0.39)
Identified as Hispanic *AND* another group(s) (e.g., Asian, AIAN, etc.)	36.4% (1.61)	5.1% (0.63)	6.3% (0.76)
Did NOT identify as Hispanic	8.9% (0.89)	6.1% (0.84)	4.5% (0.64)
Missing	0.3% (0.25)	0.3% (0.15)	0.3% (0.27)
Invalid	0.5% (0.29)	0.3% (0.15)	0.2% (0.11)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Significantly higher percentages of this group identified as Hispanic only in the self-response for each of the combined question formats, compared to the Separate Questions format. This result is not surprising, as it follows the results from the 2010 AQE research. What this illustrates is that the vast majority of Hispanics (over 70 percent), identified as Hispanic only, given the choice to report one or more groups in the combined question format. But when Hispanics have to choose from among the prescribed race groups in the separate race question, 30 percent of Hispanics reported Hispanic ***and*** SOR (i.e., reporting as Hispanic to the Hispanic origin question **AND** reporting as Hispanic to the race question), and an additional 36 percent of Hispanics reported Hispanic ***and*** SOR ***and*** another group. Most often, this reporting pattern showed that Hispanics were reporting they were Hispanic on the Hispanic origin question **AND** also reporting they were Hispanic to the race question, as well as reporting White. As noted previously, one of the critical findings from the 2010 AQE qualitative focus group research

illuminated that most Hispanics preferred to identify as Hispanic only, and when faced with answering the race question, most either skipped the race question entirely or provided an answer which they noted in focus group discussions did not reflect how they would prefer to self-identify (such as reporting White).

These patterns were further confirmed through the AQE reinterview results as well as the NCT reinterview results, which showed that when asked a series of follow-up questions about respondent identification with any of the possible response categories, overall matches between combined question responses and reinterview "truth" were much greater than separate question responses and reinterview "truth." The greater illustrator of this pattern was that Hispanics who reported they were "White" in the separate race question did not identify as White (only as Hispanic) in the reinterview; while Hispanics who identified as "White" and "Hispanic" in the combined question also confirmed this identity in the reinterview.

Furthermore, there were not significant differences in the percentages of Hispanics identifying as both Hispanic ***and*** White or identify as both Hispanic ***and*** Black, regardless of question format. The NCT results show that about 15 percent of Hispanics identified as Hispanic ***and*** White in the Separate Questions format and the combined question formats. Similarly, the results showed that for about 1 percent of Hispanics identified as Hispanic ***and*** Black in the Separate Questions format and the combined question formats. Thus, Hispanics who **do** also identify as another race group (e.g., White, Black, etc.) are able to do so consistently, regardless of question format.

Finally, we note that a significantly higher percentage of Hispanic reinterview respondents did not identify as Hispanic in the self-response survey when responding to the Separate Questions format, compared to either of the combined question formats. It is not immediately clear why this would occur for the Separate Question, but the takeaway is the combined question formats are achieving more consistent reporting among people who identify as Hispanic.

Next, Table 8 examines where Hispanic respondents reported their Hispanic response in the self-response survey. For this table, any response indicating Hispanic origin was considered regardless of the outcome of the edits. In the Separate Questions approach, if a respondent did not select a Hispanic response in the Hispanic question but wrote in a Hispanic response in a write-in field of the race question, that person was not considered Hispanic after edits, but is included in this table. In the two combined question formats, a write-in response for any of the non-Hispanic categories that corresponded to a Hispanic code was ultimately counted as Hispanic, regardless of where the Hispanic response was provided.

Table 8. Reporting of Hispanic Ethnicity in the Survey Question Formats for Internet

In which category was the Hispanic response provided?	Separate Questions	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Hispanic Category Only	28.8%(0.51)	88.4%(0.47)	92.6%(0.32)
Hispanic Category and Race Category	67.1%(0.58)	4.1%(0.21)	2.5%(0.15)
Hispanic and White	26.2%(0.51)	3.6%(0.20)	2.0%(0.14)
Hispanic and SOR	37.6%(0.81)	0.1%(0.02)	0.1%(0.03)
Hispanic and another race category	2.4%(0.16)	0.4%(0.05)	0.4%(0.06)
Hispanic and multiple race categories	0.9%(0.09)	0.0%(0.01)	0.0%(0.02)
Race Category Only	4.1%(0.20)	7.5%(0.35)	4.9%(0.25)
White only	2.8%(0.17)	6.1%(0.32)	3.5%(0.23)
SOR only	1.0%(0.08)	0.9%(0.09)	1.0%(0.09)
Another race category only	0.3%(0.05)	0.4%(0.05)	0.3%(0.06)
Multiple race categories only	0.0%(0.01)	0.1%(0.02)	0.1%(0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Of those who provided a Hispanic response, significantly higher percentages used only the Hispanic category to report this response when responding using the combined question approaches compared to the Separate Questions approach, and significantly lower percentages used the Hispanic category in addition to a race category (e.g., White or SOR). This suggests that when there is a Hispanic category present in the race question, Hispanic respondents do not need to use other categories to report their Hispanic identity.

An important indicator of data quality is item nonresponse rates. Table 9 examines the overall level of item nonresponse for the Separate Questions and for the combined question formats for all Internet respondents. The combined question formats have one item nonresponse rate for the race/ethnicity question, whereas the Separate Questions approach has three different item nonresponse rates: one for the Hispanic Origin question, one for the race question, and one that considers whether there is a response to either question.

Table 9. Item Nonresponse by Question Format for Internet

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	0.8% (0.04)	0.1% (0.01)	1.0% (0.04)	1.2% (0.05)	0.7% (0.03)	2.0% (0.06)	0.8% (0.04)	0.0% (0.01)	0.8% (0.04)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	0.8% (0.04)	0.3% (0.02)	1.1% (0.04)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.7% (0.04)	0.3% (0.02)	1.0% (0.04)	N/A	N/A	N/A

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The percentage of respondents not providing a valid response to the race/ethnicity question was significantly higher for the Separate Questions format than it was for either of the combined question formats. This is true for both Internet and paper responses. This result is both substantively and operationally significant since it improves the quality of the data and reduces the need for imputation of race and ethnicity data. It is also important to note that for paper questionnaire respondents, nonresponse to the Hispanic origin question was about eight percent overall, and nonresponse to the race question was about 7 percent overall. On paper, however, item nonresponse to the race question was substantially higher among Hispanic respondents, with about 27 percent of Hispanics not responding to the race question at all.

Table 10 and Table 11 display the overall level of detailed group reporting for each of the major categories between the Separate Questions formats and the combined question formats for Internet and paper, respectively. The tables show the percentage of respondents who provided a detailed response in a given race/ethnicity category out of all respondents who identified with the group. For example, Table 10 shows that in the Separate Questions format, 75.2 percent of Internet respondents who reported White alone or in combination provided a detailed White response.

Table 10. Detailed Reporting for Major Race/Ethnicity Groups by Question Format for Internet
(Percentage providing detailed responses)

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	75.2%(0.35)	87.0%(0.21)	93.3%(0.12)
Hispanic*	96.0%(0.19)	90.3%(0.30)	95.2%(0.25)
Black	72.5%(0.58)	83.8%(0.47)	96.6%(0.22)
Asian*	98.0%(0.18)	97.6%(0.18)	99.0%(0.11)
AIAN	72.1%(0.78)	67.5%(0.83)	73.0%(0.94)
MENA	91.1%(1.04)	91.8%(1.00)	94.2%(0.76)
NHPI*	85.4%(2.02)	82.5%(2.19)	89.9%(1.71)
SOR	66.9%(0.66)	92.0%(0.89)	91.7%(1.00)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The NCT results show that overall, the Combined Question with Detailed Checkboxes format yielded the same or higher levels of reporting detailed responses, across all major groups. Compared with the Combined Question with Write-In Response Areas format as well as the Separate Questions approach, the Combined Question with Detailed Checkboxes format obtained the same or higher levels of detailed reporting across all groups, including for Hispanics and Asians, which showed lower levels for the Combined Question with Write-In Response Areas design that was similar to the design tested in the 2010 AQE. This is a major finding of the NCT research.

The percentage of Internet respondents who provided at least one detailed response in a major category in which they reported was significantly higher for the Combined Question with Detailed Checkboxes format than the Separate Questions format for those who reported as White, Black, Asian, and SOR. There were no significant differences in the level of detailed reporting between the Separate Questions format and Combined Question with Detailed Checkboxes format for Internet respondents who reported Hispanic, AIAN, MENA, or NHPI.

The percentage of Internet respondents who provided at least one detailed response in a major category in which they reported was significantly higher for the Combined Question with Write-In Response Areas format than the Separate Questions format for those who reported as White, Black, or SOR. Among those who reported as Hispanic or AIAN, the percentage of respondents who provided at least one detailed response was significantly higher for the Separate Questions format than the Combined Question with Write-In Response Areas Format. There were no significant differences in the level of detailed reporting between the Separate Questions format and Combined Question with Write-In Response Areas format for Internet respondents who reported Asian, MENA, or NHPI.

Table 11. Detailed Reporting for Major Race/Ethnicity Groups by Question Format for Paper
(Percentage providing detailed responses)

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	48.8%(0.56)	49.0%(0.39)	60.0%(0.81)
Hispanic*	94.5%(0.38)	75.6%(0.46)	93.1%(0.57)
Black	55.0%(0.94)	53.2%(0.66)	85.5%(0.90)
Asian*	96.6%(0.74)	87.0%(0.67)	97.7%(0.65)
AIAN	64.4%(1.96)	70.1%(1.49)	54.1%(2.59)
MENA	86.1%(3.50)	88.4%(1.92)	91.8%(3.42)
NHPI*	84.5%(4.62)	77.9%(2.78)	82.9%(5.65)
SOR	68.1%(1.17)	83.6%(1.86)	87.1%(3.38)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

For those responding by paper, the percentage of respondents who provided at least one detailed response in a major category in which they reported was significantly higher for the Combined Question with Detailed Checkboxes format than the Separate Questions format for those who reported as White, Black, or SOR. A significantly lower percentage of AIAN respondents provided a detailed AIAN response with the Combined Question with Detailed Checkboxes format than the Separate Questions format. Note that the paper version of the Combined Question with Detailed Checkboxes format (see Option W in Appendix B) included three additional AIAN checkboxes below the major category checkbox. These checkboxes represented the conceptual categories, as defined in the OMB standards, of American Indian, Alaska Native, and Central or South American Indian, rather than detailed groups, and therefore were not considered detailed responses. The only way a respondent could provide a detailed AIAN response was to write a detailed response. However, because the three checkboxes are above the write-in line, they may reduce the prospect of respondents using the write-in line. There were no significant differences in the level of detailed reporting between the Separate Questions format and Combined Question with Detailed Checkboxes format for Hispanic, Asian, MENA, or NHPI respondents responding by paper.

For those responding by paper, the percentage of respondents who provided at least one detailed response in a major category in which they reported was significantly higher for the Combined Question with Write-In Response Areas format than the Separate Questions format for those who reported as SOR. Among those who reported as Hispanic or Asian, the percentage of respondents who provided at least one detailed response was significantly higher for the Separate Questions format than the Combined Question with Write-In Response Areas Format.

There were no significant differences in the level of detailed reporting between the Separate Questions format and Combined Question with Write-In Response Areas format for those responding by paper who reported as White, Black, AIAN, MENA, or NHPI. The Combined Question with Detailed Checkboxes format elicited significantly higher levels of detailed response than the Combined Question with Write-In Response Areas format for respondents reporting as White, Hispanic, Black, Asian, and AIAN. This was true for both paper and Internet respondents.

For groups that have not traditionally been afforded write-in areas or detailed checkboxes (for example White and Black), we see a positive effect on reporting of detailed responses when those options are made available to respondents. These results demonstrate that the inclusion of detailed checkboxes are a positive feature of the race/ethnicity question format, as they provide the majority of respondents with a readily available option to report their racial/ethnic identity (or identities) and have that response easily recorded. Additionally, these results indicate that the majority of respondents provide details about their racial/ethnic heritage, and this will help address the strong demand for detailed disaggregated data that the Census Bureau has received in recent years.

Table 12 displays another view of the level of detailed reporting for each of the major categories for those responding on the Internet. The "larger" detailed groups are those that are presented as examples or detailed checkboxes. The "smaller" groups can only be reported using write-in areas. This table enables us to evaluate the reporting of detailed groups in each of the major categories to determine whether detailed write-in responses are being provided for not only larger groups (such as German or Mexican), which are presented as examples and/or detailed checkboxes, but also that smaller groups are being reported. This table is also used to help determine which question design approach yields more relevant data that encompasses detailed groups across myriad communities.

One of the key design decisions for developing the Combined Question with Detailed Checkboxes approach was determining which groups to list as detailed checkbox options. Through extensive research examining the size and distribution of detailed groups in the 2010 Census and recent American Community Survey data, we know that detailed data for the major OMB categories contain dozens, and sometimes hundreds, of different national origin and ethnic groups. However, the vast majority of each OMB category's population in the U.S. is comprised of a handful of detailed groups. This structural makeup informs and supported the development of rationale for the selection of detailed example groups for each major OMB category to use the six largest groups representing the broad geographic diversity of the group's population and OMB definition.

When examining the results of detailed reporting in Table 12, we focus on the general distributions of detailed groups for the larger and smaller groups. One expectation was that we should not expect to see only the larger groups reported, as this could be an indication that smaller groups did not recognize that they were able to report their identities. Another expectation was that we should generally see distributions reflecting the size of the population groups from recent census and ACS data.

Table 12. Reporting of "Larger" Detailed Groups and "Smaller" Detailed Groups by Question Format for Internet

(Percentage providing detailed responses)

	Separate Question		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups
White	57.8%(0.39)	33.6%(0.26)	73.9%(0.23)	36.6%(0.34)	85.1%(0.16)	26.0%(0.35)
Hispanic*	83.5%(0.39)	14.6%(0.38)	75.8%(0.49)	18.2%(0.44)	81.8%(0.54)	16.6%(0.48)
Black	62.9%(0.62)	10.6%(0.39)	73.4%(0.56)	11.7%(0.41)	91.7%(0.38)	6.3%(0.35)
Asian*	85.8%(0.56)	13.0%(0.54)	85.7%(0.49)	13.4%(0.47)	87.2%(0.55)	13.7%(0.58)
AIAN	9.1%(0.53)	65.1%(0.81)	5.3%(0.35)	63.9%(0.86)	7.0%(0.50)	68.1%(0.93)
MENA	62.6%(2.01)	29.8%(1.94)	63.7%(1.96)	29.3%(1.61)	66.7%(1.70)	28.9%(1.65)
NHPI*	76.9%(2.68)	10.7%(2.03)	74.9%(2.52)	8.4%(1.50)	83.3%(2.13)	8.1%(1.60)
SOR	N/A	66.9%(0.66)	N/A	92.0%(0.89)	N/A	91.7%(1.00)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

We found that for Hispanic detailed reporting, the use of detailed checkboxes (whether in the separate Hispanic origin question, or in the Combined Question with Detailed Checkboxes approach) yielded expected levels of detailed reporting as over 80 percent of detailed Hispanic responses came from the largest groups. This was also true for detailed White reporting levels, detailed Black reporting levels, and detailed NHPI reporting levels. We note that the detailed reporting levels for Middle Eastern and North African groups as one of the "larger" groups were a little lower, but this was also expected. That is because the rationale of using the three largest groups that represented the Middle East and the three largest groups that represent North Africa, would not represent the very largest MENA groups in the United States. That is because the largest North African populations are much smaller than the largest Middle Eastern populations, and even many of the medium sized Middle Eastern populations. Nonetheless, the resulting distribution with about 60 percent of MENA responses being among the "larger" six groups was similar to what we expected. The use of examples and detailed checkboxes for the MENA category is discussed further in the analyses and conclusions for a MENA category, later in this report.

Finally, and also as expected, the level of detailed reporting among the "larger" American Indian and Alaska Native groups was comparably lower. This was expected, as we know from Census Bureau research that there are hundreds of very small detailed AIAN tribes, villages, and indigenous groups for which Census Bureau data is collected and tabulated, and if we were to employ the six largest American Indian groups and Alaska Native groups as checkboxes, they would represent only about 10 percent of the entire AIAN population. Therefore, we employed a different approach for collecting detailed responses from AIAN respondents by providing a write-in area and additional checkboxes for each of the main AIAN conceptual components referenced in the OMB definition (e.g., American Indian, Alaska Native, and Central/South American Indian) along with detailed examples and a distinct write-in area. The results were as we expected, showing that about 10 percent or less of the detailed AIAN responses were within the "larger" groups and the vast majority were "smaller" groups.

Noting these results, the reporting of detailed groups was as expected, and the overall design approach with the multiple detailed checkboxes proved to be the best overall approach for eliciting detailed responses across myriad communities and identities. These results show not only that the combined question with detailed checkboxes approach is an effective design for collecting detailed identities, but that the design addresses community concerns that we have heard over the past several years to provide more detailed, disaggregated data for our diverse American experiences across population groups. With the detailed checkboxes design, the vast majority of respondents would see their identities represented as a checkbox, which they could then easily mark to note their identity or identities.

Table 13 also shows the level of detailed reporting of larger and smaller detailed groups, but for those responding using a paper questionnaire.

Table 13. Reporting of "Larger" Detailed Groups and "Smaller" Detailed Groups by Question Format for Paper

	Separate Question		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups
White	36.8%(0.52)	15.6%(0.31)	37.3%(0.37)	15.4%(0.24)	52.8%(0.80)	15.8%(0.56)
Hispanic*	85.8%(0.56)	9.5%(0.45)	66.9%(0.46)	9.9%(0.33)	85.0%(0.89)	10.5%(0.71)
Black	49.1%(0.96)	6.6%(0.46)	48.3%(0.60)	5.4%(0.28)	82.7%(0.97)	4.4%(0.46)
Asian*	84.6%(1.40)	12.7%(1.19)	73.1%(1.10)	14.5%(0.98)	85.4%(1.84)	14.7%(1.80)
AIAN	14.5%(1.48)	51.1%(2.02)	9.7%(0.93)	62.1%(1.66)	8.3%(1.63)	47.5%(2.52)
MENA	55.1%(5.12)	31.1%(5.01)	57.9%(3.10)	30.7%(2.89)	71.8%(5.08)	21.1%(4.39)
NHPI*	80.4%(5.02)	5.1%(1.99)	67.2%(3.83)	11.6%(3.24)	75.8%(6.36)	8.3%(3.75)
SOR	N/A	68.1%(1.17)	N/A	83.6%(1.86)	N/A	87.1%(3.38)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The results were relatively similar to what we expected to find, with the "larger" groups within in each major category representing larger proportions of the groups which were reported. Again, the overall design approach with the multiple detailed checkboxes proved to be the best overall approach for eliciting detailed responses across myriad communities and identities. One notable difference between the paper and Internet collections was for the reporting of detailed White responses. We believe this largely because of the soft-edit messages employed on Internet designs to prompt respondents to report detailed responses.

Qualitatively, we know from the 2010 AQE focus groups that some White respondents and some Black respondents may not have salient detailed identities or report them. Thus, we do not expect the detailed reporting levels to be as high for Whites and Blacks, compared with Hispanics, Asians, and Pacific Islanders who report detailed identities at much higher levels. The use of a dedicated "African American" checkbox in the Combined Question with Detailed Checkboxes approach yielded higher levels of detailed reporting in the "larger" groups. This shows that when presented with an "African American" checkboxes, most Black respondents use the checkbox to report their identity. Again, these results from both Internet and paper designs show that the Combined Question with Detailed Checkboxes approach is an effective design for collecting detailed identities.

Table 14 shows the reporting of specific detailed groups by question format. In this table, each detailed group that is included in the "larger" detailed groups (in Table 12 and Table 13) is shown on its own. For SOR reporting, detailed Hispanic responses to the separate race question are shown separately from other detailed SOR responses. This table is for informational purposes, as no statistical testing was performed.

Table 14. Reporting of Detailed Groups by Question Format for Internet

(Note, the percentages in each category do not add to the total. This is because the detailed groups are tallies of the number of *responses* rather than the number of *respondents*. Respondents reporting several groups are counted several times. For example, a respondent reporting "German, Irish, and African American" would be included in the "German," "Irish," and "African American" percentages.)

	Separate Questions (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
White Detailed Groups:						
German	N/A	26.9%(0.23)	N/A	36.8%(0.24)	41.8%(0.25)	N/A
Irish	N/A	22.1%(0.25)	N/A	29.6%(0.21)	35.5%(0.22)	N/A
English	N/A	22.1%(0.18)	N/A	29.7%(0.21)	41.3%(0.29)	N/A
Italian	N/A	8.8%(0.25)	N/A	10.7%(0.24)	12.0%(0.26)	N/A
Polish	N/A	5.5%(0.15)	N/A	7.2%(0.15)	8.2%(0.18)	N/A
French	N/A	5.3%(0.11)	N/A	7.5%(0.12)	8.3%(0.13)	N/A
Additional "White" detailed responses	N/A	33.6%(0.26)	N/A	36.6%(0.34)	N/A	26.0%(0.35)
Hispanic Detailed Groups:						
Mexican or Mexican American	58.1%(0.82)	N/A	N/A	52.4%(0.74)	57.2%(0.80)	N/A
Puerto Rican	12.5%(0.46)	N/A	N/A	10.7%(0.39)	12.1%(0.43)	N/A
Cuban	5.4%(0.26)	N/A	N/A	5.1%(0.26)	5.2%(0.29)	N/A
Salvadoran	N/A	3.0%(0.19)	N/A	3.1%(0.20)	3.5%(0.20)	N/A
Dominican	N/A	3.2%(0.20)	N/A	3.6%(0.21)	3.5%(0.25)	N/A
Colombian	N/A	3.5%(0.26)	N/A	3.0%(0.17)	3.1%(0.18)	N/A
Additional "Hispanic" detailed responses	N/A	14.6%(0.38)	N/A	18.2%(0.44)	N/A	16.6%(0.48)
Black Detailed Groups:						
African American	N/A	57.0%(0.64)	N/A	66.9%(0.62)	85.1%(0.46)	N/A
Jamaican	N/A	2.4%(0.20)	N/A	3.1%(0.23)	3.4%(0.22)	N/A
Haitian	N/A	1.8%(0.17)	N/A	2.1%(0.21)	2.1%(0.21)	N/A
Nigerian	N/A	1.0%(0.13)	N/A	1.2%(0.13)	1.8%(0.18)	N/A
Ethiopian	N/A	0.9%(0.14)	N/A	0.8%(0.12)	1.0%(0.16)	N/A
Somali	N/A	0.2%(0.06)	N/A	0.2%(0.09)	0.3%(0.06)	N/A
Additional "Black" detailed responses	N/A	10.6%(0.39)	N/A	11.7%(0.41)	N/A	6.3%(0.35)
Asian Detailed Groups:						
Chinese	25.2%(0.52)	N/A	N/A	23.7%(0.53)	25.5%(0.53)	N/A
Filipino	20.0%(0.56)	N/A	N/A	18.9%(0.51)	20.0%(0.54)	N/A
Asian Indian	18.9%(0.56)	N/A	N/A	19.2%(0.53)	20.4%(0.59)	N/A
Vietnamese	7.9%(0.39)	N/A	N/A	9.5%(0.42)	8.4%(0.40)	N/A
Korean	9.1%(0.36)	N/A	N/A	9.1%(0.39)	8.7%(0.37)	N/A
Japanese	8.0%(0.31)	N/A	N/A	8.5%(0.32)	7.9%(0.31)	N/A
Additional "Asian" detailed responses	N/A	13.0%(0.54)	N/A	13.4%(0.47)	N/A	13.7%(0.58)

	Separate Questions (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
AIAN Detailed Groups:						
Navajo Nation	N/A	1.9%(0.21)	N/A	1.7%(0.19)	N/A	2.2%(0.28)
Blackfeet Tribe	N/A	3.9%(0.37)	N/A	2.9%(0.26)	N/A	4.0%(0.38)
Mayan	N/A	1.0%(0.19)	N/A	0.2%(0.07)	N/A	0.4%(0.10)
Aztec	N/A	2.5%(0.29)	N/A	0.6%(0.14)	N/A	0.6%(0.13)
Native Village of Barrow Inupiat	N/A	0.0%(0.02)	N/A	0.0%(0.02)	N/A	0.0%(0.02)
Nome Eskimo Community	N/A	0.0%(0.02)	N/A	0.0%(0.02)	N/A	0.1%(0.05)
Additional "AIAN" detailed responses	N/A	65.1%(0.81)	N/A	63.9%(0.86)	N/A	68.1%(0.93)
MENA Detailed Groups:						
Lebanese	N/A	23.2%(1.59)	N/A	25.7%(1.68)	26.6%(1.64)	N/A
Iranian	N/A	18.7%(1.48)	N/A	15.6%(1.28)	17.0%(1.10)	N/A
Egyptian	N/A	11.0%(1.24)	N/A	11.0%(1.28)	15.1%(1.35)	N/A
Syrian	N/A	7.4%(0.88)	N/A	8.3%(0.96)	8.4%(0.96)	N/A
Moroccan	N/A	3.4%(0.67)	N/A	3.6%(0.61)	4.2%(0.76)	N/A
Algerian	N/A	0.5%(0.22)	N/A	1.3%(0.44)	1.1%(0.33)	N/A
Additional "MENA" detailed responses	N/A	29.8%(1.94)	N/A	29.3%(1.61)	N/A	28.9%(1.65)
NHPI Detailed Groups:						
Native Hawaiian	48.0%(3.03)	N/A	N/A	47.9%(2.78)	58.7%(2.95)	N/A
Samoan	11.0%(1.59)	N/A	N/A	14.4%(2.12)	14.5%(2.23)	N/A
Chamorro	11.0%(1.75)	N/A	N/A	9.0%(1.89)	8.1%(1.62)	N/A
Tongan	N/A	6.8%(2.28)	N/A	3.9%(1.18)	5.2%(1.25)	N/A
Fijian	N/A	1.7%(0.58)	N/A	4.8%(1.49)	4.7%(1.06)	N/A
Marshallese	N/A	0.8%(0.50)	N/A	0.7%(0.38)	1.5%(0.54)	N/A
Additional "Pacific Islander" detailed responses	N/A	10.7%(2.03)	N/A	8.4%(1.50)	N/A	8.1%(1.60)
SOR Detailed Groups:						
Brazilian	N/A	1.4%(0.13)	N/A	11.1%(0.94)	N/A	17.0%(1.43)
Cape Verdean	N/A	0.1%(0.04)	N/A	1.8%(0.42)	N/A	1.7%(0.49)
Additional Hispanic "SOR" detailed responses	N/A	55.0%(0.64)	N/A	N/A	N/A	N/A
Additional non-Hispanic "SOR" detailed responses	N/A	10.6%(0.42)	N/A	79.2%(1.37)	N/A	73.1%(1.67)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Next, Table 15 displays the rate of reporting multiple responses for each race/ethnicity category by question format. The denominator of each cell is all respondents that reported two or more race or ethnicity groups. For example, of all respondents that reported two or more race or ethnicity groups when responding using the Separate Questions design, 68.6 percent reported White as one of the groups in which they identify.

Table 15. Reporting of Multiple Responses by Question Format for Internet

Level of multiple responses reported by major category	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White in combination with another group	68.6%(0.84)	91.4%(0.32)	89.7%(0.38)
Hispanic in combination with another group	61.0%(0.67)	33.9%(0.52)	36.2%(0.57)
Black in combination with another group	9.0%(0.22)	12.9%(0.45)	15.0%(0.50)
Asian in combination with another group	8.7%(0.32)	13.0%(0.42)	16.5%(0.42)
AIAN in combination with another group	21.3%(0.39)	39.8%(0.60)	35.1%(0.57)
MENA in combination with another group	3.7%(0.19)	6.8%(0.30)	8.5%(0.32)
NHPI in combination with another group	1.7%(0.10)	2.5%(0.15)	2.6%(0.17)
SOR in combination with another group	55.4%(0.68)	11.3%(0.44)	8.8%(0.35)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The rate of reporting multiple responses for the major categories of White, Black, Asian, AIAN, MENA, and NHPI (in combination with one or more other groups) were each significantly higher in both of the combined question formats, compared with the Separate Questions format. The rate of reporting multiple responses for the Hispanic and SOR and another group populations was significantly lower in both the Combined Question with Write-In Response Areas format and the Combined Question with Detailed Checkbox format. These findings align with what we found from earlier analyses of Hispanic reporting, providing further evidence that the combined question approaches are more in line with how most Hispanics prefer to respond.

As we expected, we found similar or higher percentages of multiple-group reporting within the combined question format for Black, Asian, AIAN, and NHPI groups, compared with the Separate Questions approach. Additionally and as expected, the percentage of people reporting SOR and another group should be the same or lower in the combined question approaches than in the Separate Questions approach. The percentage of multiple-group reporting for Hispanics was higher in the Separate Questions approach.

Table 16 looks at the consistency of multiple responses by question formats for all modes of the self-response survey. In this context, a consistent multiple-response was one in which the respondent provided responses in two or more major categories in both the self-response survey and reinterview. For example, 54.3 percent of those who identified in multiple race/ethnicity categories in the reinterview also identified in multiple race/ethnicity categories in the self-response survey, when using the Combined Question with Detailed Checkboxes approach. It does not consider whether each individual category is reported in both the self-response survey and reinterview.

Table 16. Overall Consistency Between Self-Response and Reinterview for Multiple Responses by Question Format for All Modes

Question Format	Consistency of Multiple Responses
Separate Questions	74.4% (1.39)
Combined Question with Write-In Response Areas	49.7% (1.51)
Combined Question with Detailed Checkboxes	54.3% (1.62)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Consistency of multiple responses between the self-response survey and the reinterview was significantly higher for the Separate Questions format than for either of the combined question formats.

Next, Table 17 displays the patterns of consistency for responses between the self-response survey and the reinterview responses for each of the major race/ethnicity groups. The purpose of this table is to determine which format yields more accurate responses reflecting respondents' "true" self-identified racial and ethnic identity, where the reinterview data is considered the "truth."

Table 17. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Internet

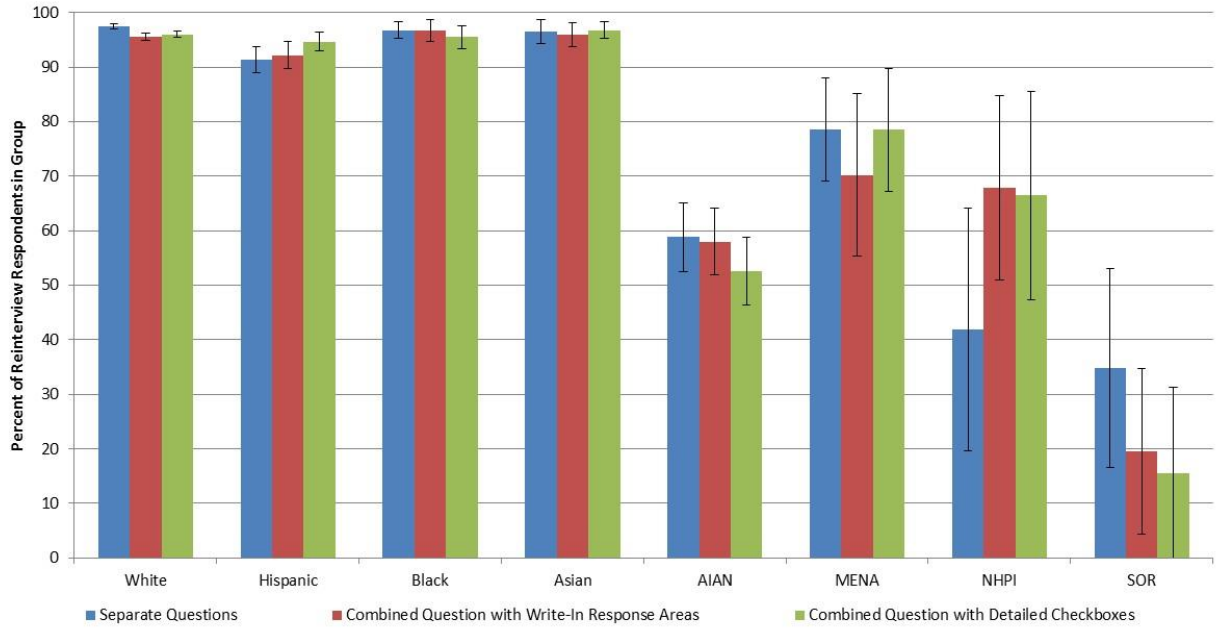
	Alone or In Combination Groups							
	White	**Hispanic**	**Black**	**Asian**	**AIAN**	**MENA**	**NHPI**	**SOR**
Separate Questions Approach	97.5% (0.25)	91.3% (1.21)	96.8% (0.77)	96.5% (1.16)	58.8% (3.22)	78.5% (4.82)	41.9% (11.33)	34.9% (9.31)
Combined Question with Write-In Response Areas	95.6% (0.32)	92.2% (1.28)	96.7% (1.05)	96.0% (1.11)	58.0% (3.14)	70.2% (7.59)	67.8% (8.61)	19.6% (7.74)
Combined Question with Detailed Checkboxes	96.0% (0.29)	94.7% (0.89)	95.5% (1.07)	96.8% (0.82)	52.6% (3.16)	78.5% (5.73)	66.5% (9.73)	15.6% (7.97)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

When comparing the Separate Questions format to the Combined Question with Write-In Response Areas, respondents that identified as White had a significantly higher rate of consistency in the Separate Questions approach. The Separate Questions format also had a significantly higher consistency rate for respondents that identified as White when compared to the Combined Question with Detailed Checkboxes approach. The consistency rates between the Separate Questions and combined question formats were not statistically different for any other major race/ethnicity group.

This table is also represented as a chart in Figure 17.

Figure 17. Consistency Between Reinterview and Self-Response by Race/Ethnicity Format Percent Alone or in Combination



Source: 2015 National Content Test data.
Note: 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

5.1.1 Summary of Findings

- The combined question formats had significantly lower percentages of respondents reporting SOR or invalid responses, as well as significantly lower percentages of missing response than the Separate Questions format. Thus, the percentages of respondents reporting in OMB groups was higher.
- Hispanic respondents identified as Hispanic alone at significantly higher rates when responding to the combined question formats compared to the Separate Questions format.
- Hispanics who received the Separate Questions format used other race categories (White, SOR, etc.) to report Hispanic responses at a significantly higher rate than those who received either of the combined question formats.
- The Separate Questions approach had a higher consistency between the self-response survey and reinterview for reporting of White than either of the combined question approaches.
- The Combined Question with Detailed Checkboxes format elicited the same or more details than the Separate Questions format, for every major group.
- Nonresponse to the combined question is lower than nonresponse to the separate race question.

The combined question with detailed checkboxes design supported the research objectives of increasing reporting within the current standard OMB categories, decreasing item nonresponse, improving accuracy and reliability, and achieving similar or higher levels of detailed reporting for all major groups. The results of this research indicate that the optimal question format is **combined question with detailed checkboxes**.

5.2 Analysis of a Middle Eastern or North African Category

In this section, the data are displayed by the presence of a distinct MENA category. First, we examine the self-response reporting patterns by the inclusion of a MENA category. Next, the rates of item nonresponse, detailed reporting, multiple category reporting, and consistency are presented. All tables discussed in this section display the aggregate results for all response modes. When statistically significant, mode differences are noted in the results. The Internet, TQA, and paper versions of each table in this section are located in Appendix I. In some tables, the percentages in each row or treatment do not add to the total. This is because the detailed groups are tallies of the number of *responses* rather than the number of *respondents*. Respondents reporting their detailed origin in several major groups are counted in each major race/ethnicity category. For example, a respondent reporting "Jordanian" in both White and MENA is included in the White and MENA percentages.

In the tables that follow, when we refer to respondents who identified as MENA, we are referring to those who 1) checked the major MENA checkbox and/or 2) wrote-in a detailed origin included in the 2015 NCT MENA working classification in *any* race/ethnicity write-in line. For more details on the 2015 NCT MENA working classification and coding of MENA responses, see Section 3 on methodology.

The first set of tables uses the self-response data to examine the effects of the inclusion on a MENA category on the reporting patterns of the MENA population. We examine the response patterns for respondents who report a MENA response, focusing on where these responses are entered. Specifically, we compare the reporting of MENA responses in the major categories to determine whether the inclusion or exclusion of a MENA category affected where responses were reported.

Table 18. Reporting of MENA Responses by Presence of Distinct MENA Category

	Total % Identified as MENA	In which category was MENA response provided?				
		White	Black	MENA	SOR	Another Category
Question with Distinct MENA Category	0.9%(0.03)	20.0%(0.93)	0.6%(0.21)	78.8%(1.03)	3.3%(0.43)	1.0%(0.27)
Question with NO MENA Category	0.9%(0.03)	85.5%(0.99)	1.3%(0.26)	N/A	11.5%(0.88)	2.9%(0.52)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

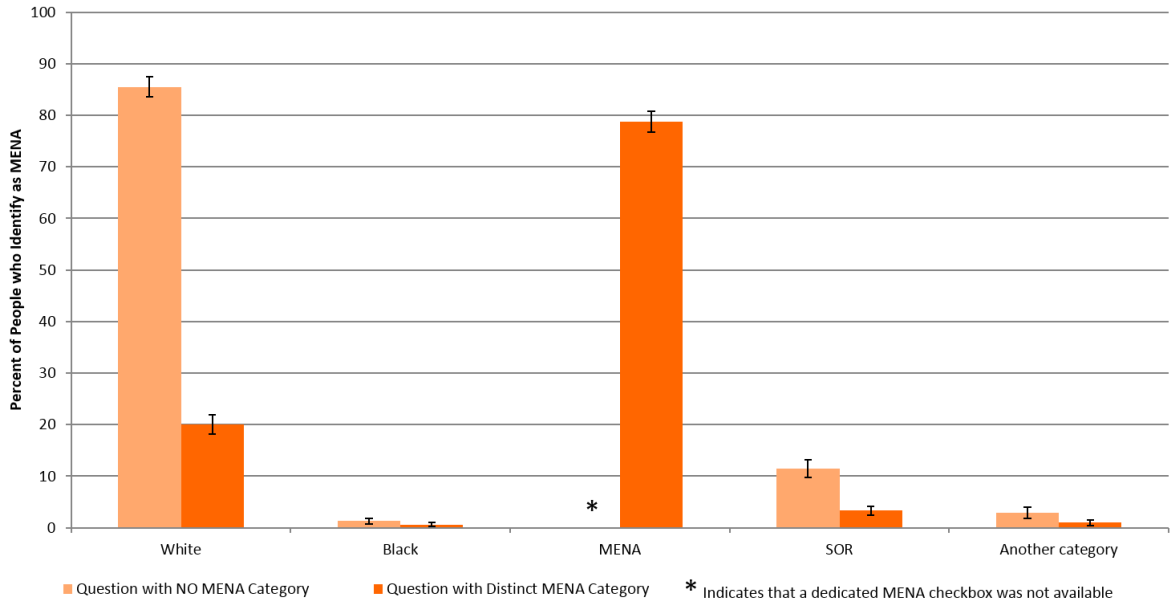
In Table 18, we see that when a distinct MENA category was present, there was a significant decrease in the reporting of detailed MENA responses in each of the other major categories (White, Black, SOR, and Another Category). The reporting of MENA responses in the SOR category is significantly reduced from 11.5 percent when no MENA category is included to 3.3 percent with the inclusion of a distinct MENA category. Figure 18 visually depicts the data in Table 18.

The decrease in detailed MENA reporting in all other major categories was seen in all modes with one exception. When a distinct MENA category was included, we see a small but significant reduction in reporting of MENA responses in the Black category. In Internet designs, the reporting of MENA responses in the Black category dropped from 1.1 percent to 0.3 percent when a distinct MENA category was available. A reduction in the reporting of MENA responses in the Black category was also seen in paper designs, though this change was not significant.

Table 18 also displays the percentage of all respondents who identified as MENA, which was 0.9 percent. The percentage of the population reporting a MENA response was not affected by the inclusion of a distinct MENA category.

The reporting of MENA responses, as well as the relative levels of reporting for the other major categories (e.g., White, Hispanic, Black, etc.), are compared to examine whether major differences of reporting occur when a MENA category is included.

Figure 18. Where MENA Responses are Reported by Presence of MENA Category
Percent Alone or in Combination



Source: 2015 National Content Test data.
Note: 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

Table 19. Race/Ethnicity Group Distribution by Presence of Distinct MENA Category

Alone or in Combination Groups	Distinct MENA Category Included	No MENA Category
White	73.3%(0.66)	74.5%(0.64)
Hispanic	13.5%(0.25)	12.9%(0.29)
Black	10.6%(0.53)	10.1%(0.49)
Asian	6.6%(0.19)	6.7%(0.18)
AIAN	3.9%(0.05)	3.9%(0.05)
MENA	0.9%(0.03)	0.9%(0.03)
NHPI	0.4%(0.01)	0.3%(0.01)
SOR	3.9%(0.06)	4.1%(0.09)
Invalid	0.4%(0.02)	0.4%(0.02)
Missing	0.9%(0.03)	0.9% (0.03)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The percent reporting a MENA response does not change with the inclusion of a distinct MENA category and remains at 0.9 percent. The percentage of respondents who reported as SOR alone or in combination is significantly lower when a MENA category is included, decreasing from 4.1 percent to 3.9 percent when a distinct MENA category is included. That is consistent with what we reported previously in Table 18, where we found fewer MENA respondents using the SOR category when a distinct MENA option was provided.

As expected, the percent reporting as White is significantly lower with the inclusion of a distinct MENA category when compared to treatments with no MENA category. Recall that when no MENA category was included, the MENA checkboxes and/or examples of Lebanese and Egyptian were shown with the White category. There were significant increases in the reporting of Black and Hispanic alone or in combination responses when a MENA category was present. The presence of a MENA category did not affect the distribution of Asian, AIAN, and NHPI alone or in combination.

Next we examine the effect of a distinct MENA response category on the item nonresponse rate. In Table 20, "No response" refers to a respondent who did not answer the question; "Invalid response" refers to a respondent who provided a response, but it was uncodable as a race or ethnicity. Responses such as "Martian" or "Don't know" are considered invalid (see the code list in Appendix E for more details). The total number of "No valid responses" is calculated by adding the values in the "No response" and "Invalid response" columns.

Table 20. Item Nonresponse to Race/Ethnicity Question by Presence of Distinct MENA Category

What percentage of respondents provide…?	No Response	Invalid Response	No Valid Response
Question with Distinct MENA Category	1.2%(0.04)	0.4%(0.02)	1.6%(0.04)
Question with NO MENA Category	1.2%(0.04)	0.4%(0.02)	1.6%(0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The presence of a distinct MENA response category did not significantly affect the percentage of no valid responses, including invalid or missing responses.

Next we compare the reporting of MENA responses, in terms of which category the detailed MENA response was provided in, to examine whether major differences of reporting occur. Specifically, we are interested in whether and where detailed MENA responses are provided when no distinct MENA category is presented. For this analysis, we examine the detailed groups included in the 2015 NCT working classification of MENA and also those included in the MENA oversample (see Section 3 for more details).

In Table 21, all of the detailed groups in the Census Bureau's Working Classification of MENA are aggregated, and all of the groups that are in the MENA oversample are aggregated. We examine in which major category each of these groups was most frequently reported (White, Black, MENA, SOR, or another category) when a distinct MENA category is included and when it is not included.

Table 21. Reporting of MENA Groups and Oversample Groups in Different Category Response Areas by Presence of Distinct MENA Category

Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
In MENA Definition	22.3% (1.03)	85.5% (0.99)	0.7% (0.24)	1.3% (0.26)	76.3% (1.12)	N/A	3.7% (0.48)	11.5% (0.88)	1.1% (0.30)	2.9% (0.52)
Not in Definition, but in oversample	61.2% (2.60)	77.2% (2.40)	11.7% (1.85)	9.9% (1.89)	13.9% (1.60)	N/A	11.9% (1.48)	9.3% (1.29)	4.3% (1.04)	4.6% (1.17)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The results show that the groups in the MENA classification most frequently report in the White category when a distinct MENA category is not available. When a distinct MENA category is available, groups in the MENA classification most frequently report in the MENA category. When a distinct MENA category was present, there was a significant decrease in reporting of groups in the MENA classification in the SOR category from 11.5 percent when no MENA category was available to 3.7 percent when a distinct MENA category was included.

For groups that were not in the MENA classification but that were oversampled because they may identify with the MENA category, the results show that the majority identified with the White category in both treatments. When a MENA category was available, only 13.9 percent of this group used the MENA category, compared with 61.2 percent who used the White category

Next we look at how specific groups in the 2015 NCT working classification of MENA and the MENA oversample identified by the presence of a MENA category.

Table 22. Reporting of Detailed MENA Groups in Different Category Response Areas by Presence of Distinct MENA Category

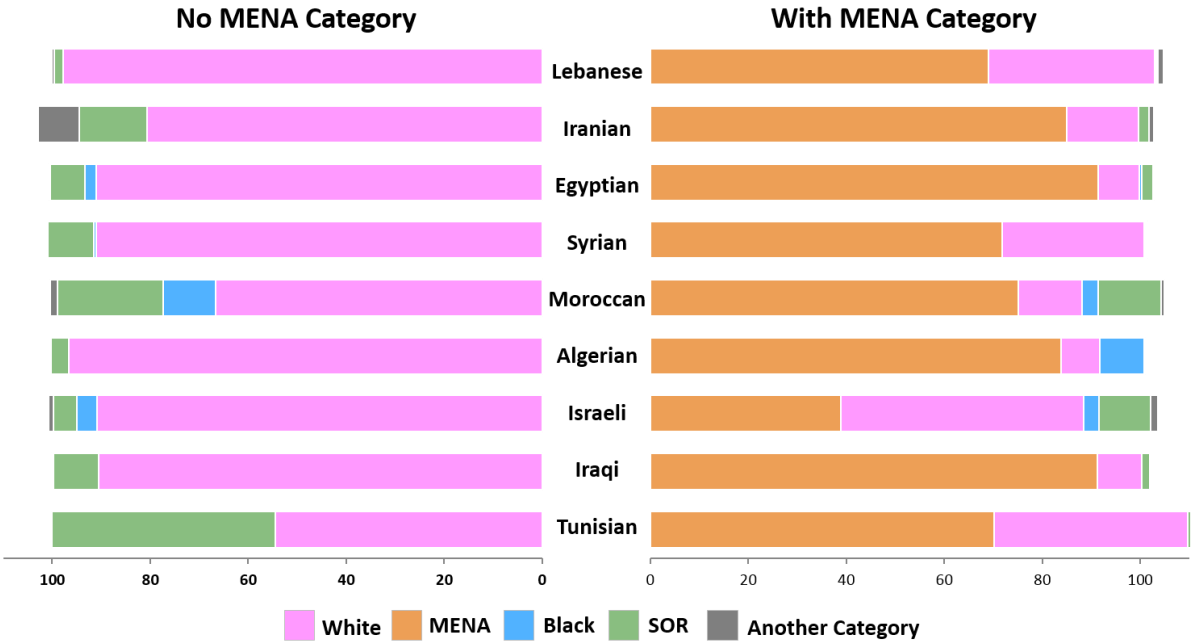
Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
Lebanese	34.0% (2.59)	97.7% (0.66)	0.3% (0.35)	0.0% (N/A)	69.0% (2.63)	N/A	0.4% (0.20)	1.9% (0.63)	1.1% (0.64)	0.5% (0.25)
Iranian	14.7% (1.80)	80.7% (2.42)	0.0% (0.01)	0.0% (0.00)	85.0% (1.92)	N/A	2.1% (0.70)	13.8% (2.19)	1.0% (0.36)	8.3% (1.80)
Egyptian	8.4% (1.76)	91.0% (2.04)	0.4% (0.33)	2.3% (0.71)	91.5% (1.77)	N/A	2.3% (1.10)	7.1% (1.99)	0.1% (0.10)	0.2% (0.19)
Syrian	28.9% (3.71)	91.1% (3.11)	0.0% (N/A)	0.5% (0.38)	71.9% (3.78)	N/A	0.3% (0.20)	9.3% (3.17)	0.4% (0.40)	0.4% (0.26)

Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
Moroccan	13.0% (3.56)	66.7% (6.98)	3.3% (1.50)	10.7% (3.86)	75.2% (4.81)	N/A	12.8% (3.93)	21.6% (6.58)	0.6% (0.37)	1.4% (1.07)
Algerian	7.9% (4.50)	96.6% (3.58)	9.1% (9.32)	0.0% (N/A)	83.8% (9.71)	N/A	0.1% (0.08)	3.6% (3.63)	0.0% (N/A)	0.0% (N/A)
Arab	38.1% (9.19)	52.8% (5.79)	1.3% (1.26)	0.9% (0.63)	35.4% (8.85)	N/A	35.3% (10.15)	38.0% (5.27)	6.8% (6.26)	12.6% (6.21)
Assyrian	34.0% (10.08)	72.9% (6.82)	0.0% (N/A)	0.1% (0.09)	56.4% (9.59)	N/A	12.7% (5.61)	27.7% (6.81)	0.1% (0.07)	0.1% (0.05)
Bahraini	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	N/A	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Bedouin[1]	-	-	-	-	-	N/A	-	-	-	-
Berber	8.5% (18.53)	2.2% (10.80)	0.0% (N/A)	0.0% (N/A)	91.5% (18.53)	N/A	0.0% (N/A)	97.8% (10.80)	0.0% (N/A)	0.0% (N/A)
Chaldean	10.2% (3.84)	77.7% (9.02)	0.0% (N/A)	0.0% (N/A)	86.8% (4.35)	N/A	5.7% (2.29)	24.8% (9.09)	0.1% (0.11)	0.0% (N/A)
Druze[1]	-	-	-	-	-	N/A	-	-	-	-
Emirati	0.0% (N/A)	12.5% (23.78)	0.0% (N/A)	26.1% (49.15)	6.0% (93.85)	N/A	0.0% (N/A)	61.4% (65.64)	94.0% (93.85)	0.0% (N/A)
Iraqi	9.1% (2.69)	90.5% (4.34)	0.0% (N/A)	0.0% (N/A)	91.2% (2.69)	N/A	1.6% (1.21)	9.3% (4.34)	0.1% (0.03)	0.3% (0.16)
Israeli	49.6% (4.08)	90.9% (2.97)	3.1% (2.29)	4.0% (2.42)	38.9% (4.41)	N/A	10.6% (3.39)	4.8% (1.74)	1.4% (0.86)	1.0% (0.69)
Jordanian	10.0% (5.49)	94.2% (2.55)	0.0% (N/A)	1.4% (1.42)	94.4% (2.61)	N/A	1.5% (0.70)	3.1% (1.75)	0.4% (0.34)	2.7% (1.63)
Kurdish	7.4% (5.24)	99.7% (0.37)	0.0% (N/A)	0.0% (N/A)	86.6% (10.21)	N/A	1.1% (0.87)	0.3% (0.37)	8.1% (8.69)	0.0% (N/A)
Kuwaiti	3.3% (3.54)	44.7% (58.42)	0.0% (N/A)	0.0% (N/A)	96.7% (3.54)	N/A	0.0% (N/A)	55.3% (58.42)	0.0% (N/A)	0.0% (N/A)
Libyan	10.9% (11.83)	84.7% (16.55)	0.6% (0.70)	14.9% (16.53)	99.4% (0.70)	N/A	0.0% (N/A)	0.4% (0.51)	0.0% (N/A)	4.8% (5.32)
Middle Eastern	60.2% (8.38)	46.2% (7.20)	0.0% (N/A)	0.0% (N/A)	25.8% (8.52)	N/A	13.6% (3.98)	52.3% (7.07)	1.5% (1.43)	2.6% (1.32)
North African	35.3% (15.33)	51.2% (17.54)	1.6% (1.78)	13.4% (9.03)	31.4% (17.45)	N/A	31.7% (20.43)	37.0% (19.37)	0.0% (N/A)	0.0% (N/A)
Omani	0.0% (N/A)	-	0.0% (N/A)	-	100.0% (0.00)	N/A	0.0% (N/A)	-	0.0% (N/A)	-
Other Middle Eastern	0.0% (N/A)	29.4% (71.38)	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	N/A	0.0% (N/A)	0.2% (0.91)	0.0% (N/A)	70.4% (72.23)

Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
Palestinian	8.7% (4.42)	96.5% (1.23)	0.0% (N/A)	0.0% (N/A)	90.2% (4.42)	N/A	1.5% (0.86)	3.5% (1.37)	0.9% (0.60)	1.1% (0.56)
Qatari[1]	-	-	-	-	-	N/A	-	-	-	-
Saudi Arabian	0.8% (0.86)	70.6% (12.84)	0.0% (N/A)	0.0% (N/A)	99.1% (0.87)	N/A	0.0% (N/A)	23.4% (11.92)	0.1% (0.06)	6.0% (3.22)
Syriac	0.0% (N/A)	100.0% (0.00)	0.0% (N/A)	0.0% (N/A)	87.0% (87.76)	N/A	13.0% (87.76)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Western Saharan[1]	-	-	-	-	-	N/A	-	-	-	-
Tunisian	39.5% (14.24)	54.4% (30.03)	0.0% (N/A)	0.0% (N/A)	70.2% (13.87)	N/A	8.3% (7.67)	45.6% (30.03)	0.0% (N/A)	0.0% (N/A)
Yemeni	0.2% (0.20)	84.6% (12.57)	0.0% (N/A)	0.2% (0.16)	99.0% (0.61)	N/A	0.6% (0.53)	15.2% (12.58)	0.2% (0.16)	0.0% (N/A)
Afghan[2]	18.9% (5.88)	32.5% (8.65)	0.0% (N/A)	0.1% (0.13)	30.0% (6.88)	N/A	35.1% (8.14)	26.8% (7.69)	28.5% (7.14)	42.9% (9.51)
Armenian[2]	79.0% (1.87)	90.8% (1.71)	0.0% (N/A)	0.0% (0.01)	12.6% (1.58)	N/A	9.3% (1.13)	9.6% (1.72)	0.5% (0.30)	0.3% (0.14)
Azerbaijani[2]	82.9% (13.82)	69.9% (35.80)	0.0% (N/A)	0.0% (N/A)	9.7% (7.96)	N/A	13.1% (13.19)	30.1% (35.80)	0.0% (N/A)	0.0% (N/A)
Cypriot[2]	70.6% (30.57)	99.7% (0.30)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	N/A	29.4% (30.57)	0.3% (0.30)	0.0% (N/A)	0.0% (N/A)
Djiboutian[2]	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	100.0% (0.00)	0.0% (N/A)	N/A	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Georgian CIS[2]	86.6% (14.23)	100.0% (0.00)	0.0% (N/A)	0.0% (N/A)	13.4% (14.23)	N/A	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Mauritanian[2]	1.1% (1.27)	1.4% (2.18)	35.0% (29.31)	80.3% (26.89)	2.0% (2.47)	N/A	53.7% (31.13)	17.7% (25.52)	8.2% (9.67)	0.6% (0.91)
Somali[2]	0.1% (0.06)	0.0% (N/A)	94.2% (4.81)	96.2% (3.64)	0.0% (N/A)	N/A	4.8% (4.73)	5.5% (3.89)	0.9% (0.94)	0.0% (N/A)
South Sudanese[2]	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	100.0% (0.00)	0.0% (N/A)	N/A	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Sudanese[2]	0.1% (0.09)	0.2% (0.17)	87.2% (7.58)	98.4% (1.09)	8.0% (6.70)	N/A	4.7% (3.90)	1.4% (1.09)	0.0% (N/A)	0.0% (N/A)
Turkish[2]	74.1% (4.16)	93.0% (1.95)	0.2% (0.19)	0.2% (0.20)	16.2% (3.53)	N/A	9.6% (2.50)	5.4% (1.81)	3.6% (1.93)	2.4% (1.20)
Turkish Cypriot[1,2]	-	-	-	-	-	N/A	-	-	-	-

[1]Not enough observations to estimate variance.
[2]Detailed MENA group in oversample and not working definition
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Figure 19. Detailed Reporting for Selected Groups in the MENA Working Classification by Presence of MENA Category Percent Alone or in Combination



Source: 2015 National Content Test data.

Figure 19 graphically shows selected groups in the MENA working classification and their reporting patterns, while results for all groups in the working classification are shown in Table 22. The groups shown in this figure were used as detailed checkboxes and/or examples on the questionnaire designs. The colors shown in Figure 20 again represent the major reporting categories shown and described in Figure 19. On the left side of the graphic, the categories depicted are White (shown in **pink**), Black (shown in **blue**), SOR (shown in **green**), and Another Category (i.e., Hispanic, Asian, AIAN, and NHPI) (shown in **grey**). On the right side of the graphic, the categories depicted are MENA (shown in **orange**), White (shown in **pink**), Black (shown in **blue**), SOR (shown in **green**), and Another Category (i.e., Hispanic, Asian, AIAN, and NHPI) (shown in **grey**).

With few exceptions, groups in the MENA classification identified as MENA when given the opportunity to do so more frequently than they used other major categories. When no MENA category was available, all of the groups in the MENA working classification reported in the White category at high percentages. For example, when no MENA category was present, Jordanians reported their origins 94.2 percent of the time in the White category; however, when a MENA category was included, Jordanians reported their origin in the MENA category 94.4 percent of the time. Some MENA respondents still reported in the White category when a distinct MENA category was included. Such is the case for Lebanese, where 34.0 percent reported in the White even when a MENA category was available. However, these respondents may be reporting in the MENA *and* White categories.

When no MENA category was available, Egyptians, Iraqis, Jordanians, Libyans, Palestinians, Saudi Arabians, and Yemenis most frequently reported their detailed origins in the White category. When a distinct MENA category was included, over 90 percent of people reporting in each of these groups

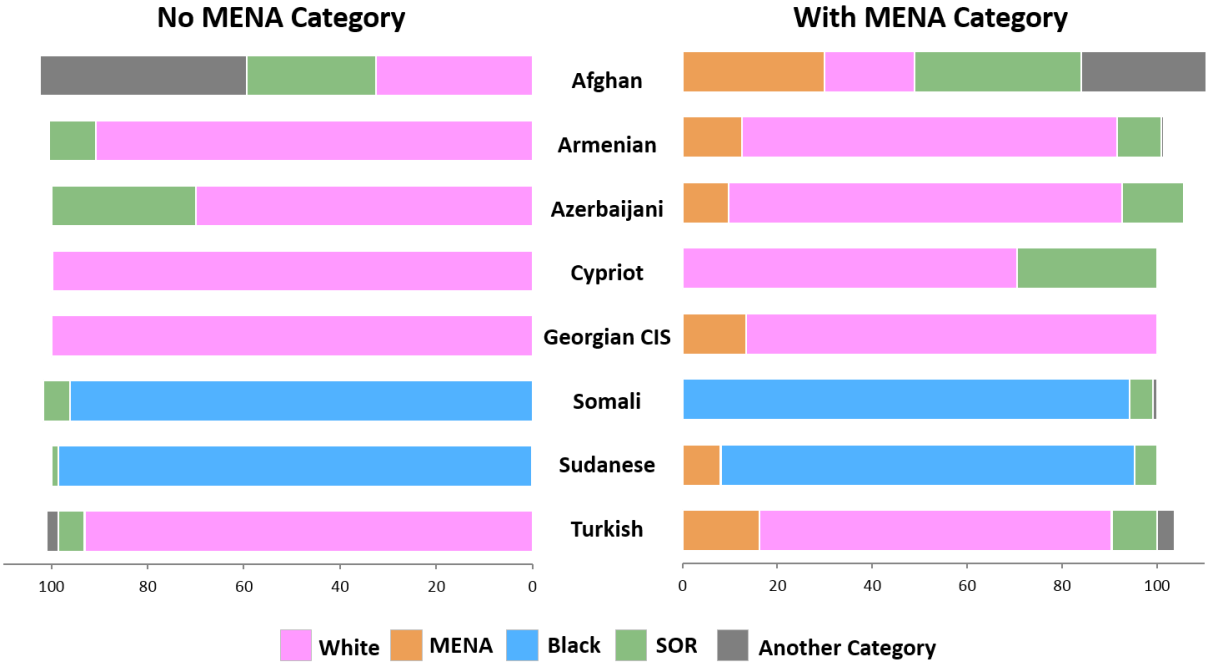
reported their detailed origins in the MENA category and reporting in the White category was reduced to 10 percent or less for each of these groups.

When a distinct MENA category was included, the examples of Lebanese and Egyptian were moved from the White category to the MENA category. There was a significant decrease in the reporting of Lebanese and Egyptian in the White category when a distinct MENA category was present. Reporting in the White category for Lebanese respondents was reduced from 97.7 percent to 34.0 percent from 91.0 percent to 8.4 percent for Egyptian respondents. The majority of Lebanese (69.0 percent) and Egyptian (91.5 percent) respondents reported their detailed origins in the MENA category. For the other detailed MENA groups provided as examples or checkboxes for the MENA category (Iranian, Syrian, Moroccan and Algerian), there was also a significant decrease in the reporting of these detailed groups in the White category when a distinct MENA category was present. There were also significant decreases in the reporting of Iraqis, Jordanians, and Palestinians in the White category, when a MENA category was present.

There was a significant decrease in the reporting of Israelis in the White category when no MENA category was included. About half of Israelis reported their detailed origin in the White category even when a MENA category was present.

When a MENA category was included, reporting in the White category for Assyrians significantly decreased from 72.9 percent to 34.0 percent compared with when no MENA category was included. Reporting for Chaldeans also significantly decreased in the White category from 77.7 percent when no MENA category was included compared with 10.2 percent when a MENA category was included.

Figure 20. Detailed Reporting for Selected Groups Not in the MENA Working Classification by Presence of MENA Category Percent Alone or in Combination



Source: 2015 National Content Test data.

None of the groups in the MENA oversample identified as MENA at high percentages when a distinct MENA category was available. The groups in the oversample generally responded in the same major category (e.g., White, Black, SOR, etc.) when no MENA category was included as they did when a

distinct MENA category was included. Figure 20 shows a graphical presentation of how selected groups in the MENA oversample reported by the presence of a MENA category, while the full results are shown in Table 22.

The groups in this figure represent some of the largest groups in the MENA oversample. We are not able to include all groups in the MENA oversample in this figure because some of the data for each detailed group reported in each major category is too sparse. There was not a significant difference in the reporting of Afghan, Azerbaijani, Cypriot, or Georgian CIS in the White category, based on the presence of a distinct MENA Category. There was, however, a significant decrease in the reporting of Armenian and Turkish in the White category when a distinct MENA category was present.

The colors shown in Figure 20 represent the major reporting categories shown, as previously described for Figure 19. Respondents who reported their detailed origins as Somali, South Sudanese, or Sudanese most frequently identified as Black. There was not a significant difference in the reporting of Somali or Sudanese in the Black category based on the presence of a distinct MENA category. Recall that Somali was used as a detailed checkbox or example in the Black category in all questionnaire designs, which may have affected respondents' reporting.

In the next set of tables, we examine consistency between race/ethnicity reporting to assess whether including a MENA response category increases the accuracy with which respondents report their race or ethnicity. We will look at consistency in multiple ways. Recall that consistency is determined by taking responses provided in the reinterview and computing the percentage that provided the same response category in the self-response survey.

We first examine the self-response reporting patterns of people who identified as MENA in the reinterview to determine which approach (MENA or No MENA) yields a more consistent overall race/ethnicity distribution for respondents of Middle Eastern or North African heritage who report as White and/or MENA. The first column of Table 23 indicates how respondents identified in the initial survey, which is then crossed by the treatment (No MENA vs. MENA category) in the initial survey.

Table 23. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category

	MENA Category	No MENA Category
Identified as MENA Only	33.9% (4.92)	6.6% (2.63)
Identified as MENA *AND* White	24.7% (4.10)	60.0% (4.90)
Identified as MENA *AND* Another Group(s)	6.7% (1.91)	7.8% (2.68)
Did Not Identify as MENA	33.5% (5.24)	25.6% (3.81)
Missing/Invalid	1.2% (0.80)	0.1% (0.07)

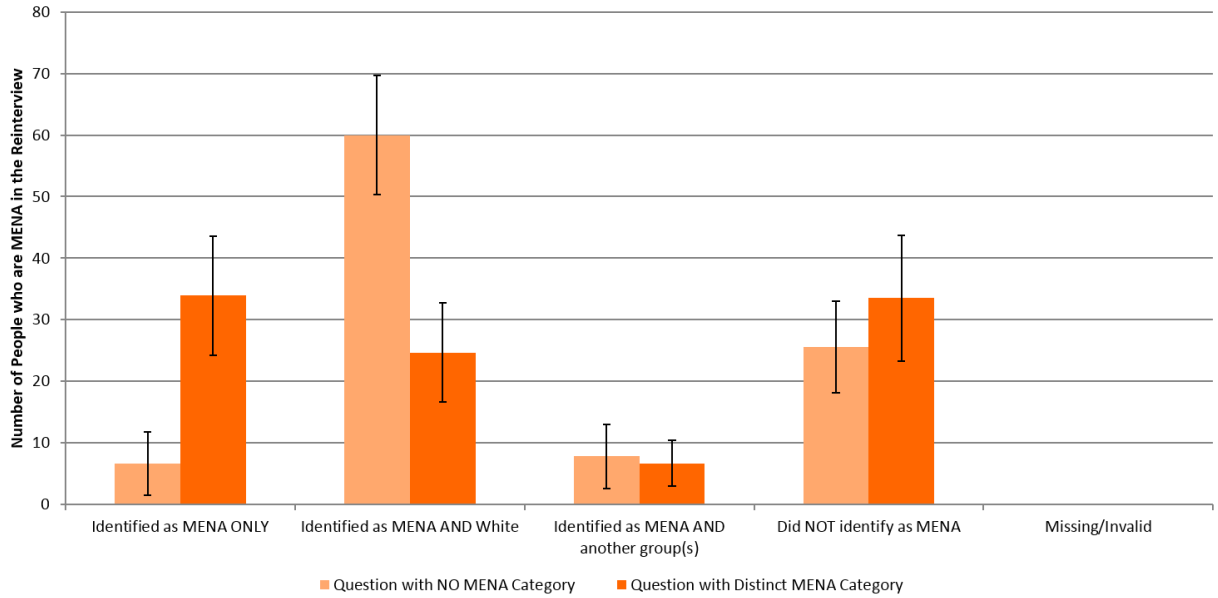
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

The results in Table 23 show that the percentage of MENA reinterview respondents identifying as MENA alone in the initial survey was significantly higher (33.9 percent) when a distinct MENA category was present compared with when no MENA category was available (6.6 percent). Internet and paper

respondents were able to identify as MENA alone when there was no MENA category by marking the SOR checkbox and entering a detailed MENA origin in the write-in line. For paper respondents, it was also possible to identify as MENA alone by writing a detailed MENA response on any write-in line and not checking any checkboxes.

The percentage of MENA respondents identifying as MENA *and* White in the initial survey was significantly lower (24.7 percent) when a distinct MENA category was present compared with when a MENA category was included (60.0 percent). Recall that when no MENA category was included, the MENA examples of Lebanese and Egyptian were included with the White category, and when a distinct MENA category was available, the examples of Lebanese and Egyptian were replaced with the European examples of Polish and French. Additionally, in all treatments, Somali was used as a detailed checkbox or example in the Black category. These treatments and designs may have affected the reporting patterns of MENA respondents. These data are graphically displayed in Figure 21. Note that the missing bars for the Missing/Invalid category are because of the small number of respondents in these categories.

Figure 21. Self-Response Reporting Patterns of MENA Reinterview Population by Presence of MENA Category



Source: 2015 National Content Test data.
Note: Data for the Missing/Invalid category are not visible because of small percentages. 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

Next, we examine how respondents' reported their race/ethnicity in the initial self-response survey compared to their responses in the reinterview for the two treatments (MENA vs. No MENA). Table 24 is broken into two sections; the top section looks at the responses when the initial survey included a distinct MENA category, and the bottom section looks at the responses when the initial survey did *not* include a distinct MENA category. In this table, the columns represent the race/ethnicity from the reinterview, and the rows represent the race/ethnicity from the initial survey. The cell values are represented as percentages of the reinterview population. For example, of all reinterview respondents that identified as MENA alone in the reinterview, 10.7 percent identified as Multiple race/ethnicity groups in the initial survey, when a MENA category was included.

Table 24. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Presence of Distinct MENA Category

Question Design with Distinct MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.9%**	0.3%	0.0%	0.1%	5.2%	**2.9%**	0.0%	16.3%	16.9%
	(0.28)	(0.14)	(N/A)	(0.11)	(3.85)	**(2.88)**	(N/A)	(12.89)	(0.99)
Hispanic	0.0%	**72.1%**	0.1%	0.0%	0.0%	**0.0%**	0.0%	0.0%	16.3%
	(0.02)	**(1.80)**	(0.07)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(0.95)
Black	0.0%	0.1%	**95.8%**	0.3%	0.0%	**0.0%**	0.0%	8.6%	3.3%
	(0.00)	(0.06)	**(0.63)**	(0.18)	(N/A)	**(N/A)**	(N/A)	(5.99)	(0.39)
Asian	0.0%	0.0%	0.1%	**96.3%**	0.0%	**12.6%**	30.8%	20.7%	2.0%
	(0.03)	(N/A)	(0.06)	**(0.57)**	(N/A)	**(12.15)**	(16.91)	(9.65)	(0.32)
AIAN	0.0%	0.0%	0.0%	0.1%	**74.8%**	**0.0%**	0.0%	0.0%	1.4%
	(0.01)	(N/A)	(N/A)	(0.06)	**(7.64)**	**(N/A)**	(N/A)	(N/A)	(0.21)
MENA	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**70.4%**	**0.0%**	**0.0%**	**1.5%**
	(0.03)	**(N/A)**	**(0.00)**	**(N/A)**	**(N/A)**	**(11.71)**	**(N/A)**	**(N/A)**	**(0.29)**
NHPI	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	**62.6%**	0.0%	0.1%
	(0.00)	(N/A)	(N/A)	(N/A)	(N/A)	**(N/A)**	**(16.29)**	(N/A)	(0.06)
SOR	0.0%	0.2%	0.0%	0.3%	5.0%	**0.0%**	0.0%	**15.8%**	0.1%
	(0.01)	(0.12)	(0.02)	(0.16)	(5.11)	**(0.04)**	(N/A)	**(8.33)**	(0.05)
Multiple	4.4%	25.9%	3.2%	2.7%	14.5%	**10.7%**	6.6%	32.7%	**57.9%**
	(0.25)	(1.78)	(0.49)	(0.54)	(5.11)	**(6.31)**	(4.03)	(16.35)	**(1.29)**
Missing	0.4%	0.9%	0.6%	0.2%	0.4%	**0.7%**	0.0%	0.0%	0.2%
	(0.09)	(0.43)	(0.26)	(0.15)	(0.39)	**(0.70)**	(N/A)	(N/A)	(0.10)
Invalid	0.1%	0.5%	0.1%	0.0%	0.0%	**2.5%**	0.0%	6.0%	0.3%
	(0.02)	(0.29)	(0.14)	(0.00)	(0.03)	**(2.46)**	(N/A)	(4.61)	(0.09)

Question Design with NO MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**95.4%**	0.6%	0.0%	0.0%	0.7%	**13.4%**	0.0%	8.1%	16.1%
	(0.24)	(0.33)	(N/A)	(0.00)	(0.59)	**(7.43)**	(N/A)	(6.21)	(0.94)
Hispanic	0.1%	**72.0%**	0.1%	0.0%	0.6%	**0.0%**	0.0%	0.0%	16.6%
	(0.05)	**(1.66)**	(0.07)	(N/A)	(0.58)	**(N/A)**	(N/A)	(N/A)	(0.88)
Black	0.0%	0.0%	**96.9%**	0.1%	0.6%	**0.0%**	0.0%	9.1%	3.4%
	(0.00)	(0.03)	**(0.50)**	(0.06)	(0.63)	**(N/A)**	(N/A)	(5.66)	(0.50)
Asian	0.0%	0.0%	0.0%	**97.3%**	0.0%	**0.4%**	22.4%	16.3%	1.1%
	(0.02)	(0.03)	(N/A)	**(0.64)**	(N/A)	**(0.36)**	(12.07)	(9.83)	(0.19)
AIAN	0.0%	0.0%	0.0%	0.0%	**90.3%**	**0.0%**	0.0%	0.0%	1.5%
	(0.01)	(N/A)	(N/A)	(0.02)	**(3.75)**	**(N/A)**	(N/A)	(N/A)	(0.35)
MENA	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**16.1%**	**0.0%**	**0.0%**	**0.2%**
	(0.03)	**(N/A)**	**(N/A)**	**(N/A)**	**(N/A)**	**(6.69)**	**(N/A)**	**(N/A)**	**(0.17)**
NHPI	0.0%	0.0%	0.0%	0.4%	0.0%	**0.0%**	**31.7%**	0.2%	0.1%
	(N/A)	(N/A)	(N/A)	(0.36)	(N/A)	**(N/A)**	**(13.96)**	(0.23)	(0.05)
SOR	0.0%	0.8%	0.1%	0.0%	0.1%	**3.4%**	0.0%	**28.6%**	0.2%
	(0.00)	(0.37)	(0.06)	(N/A)	(0.13)	**(3.54)**	(N/A)	**(17.33)**	(0.06)
Multiple	3.9%	25.9%	1.8%	2.2%	6.2%	**66.7%**	45.0%	33.8%	**60.2%**
	(0.24)	(1.62)	(0.31)	(0.48)	(2.59)	**(11.27)**	(14.37)	(13.52)	**(1.11)**
Missing	0.3%	0.3%	0.9%	0.0%	1.0%	**0.0%**	0.0%	3.8%	0.1%
	(0.08)	(0.15)	(0.34)	(N/A)	(0.99)	**(N/A)**	(N/A)	(3.98)	(0.07)
Invalid	0.2%	0.2%	0.2%	0.0%	0.6%	**0.0%**	0.9%	0.1%	0.5%
	(0.04)	(0.18)	(0.12)	(N/A)	(0.60)	**(N/A)**	(0.90)	(0.13)	(0.21)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

There was a significant increase in the consistency of reporting of MENA alone from 16.1 percent when no MENA category was included to 70.4 percent when there was a distinct MENA category. Among those who identified as MENA alone in the reinterview, there was also significantly higher multiple reporting when no MENA category was included compared to when a MENA category was included. These multiple responses are primarily comprised of respondents who reported they are MENA *and* White, as can be seen in Table 23.

It appears that when no MENA category is available, many MENA respondents have a difficult time reporting that they are MENA alone. Still, about one quarter of MENA respondents identified as MENA *and* White when a MENA category was available. More research should be done to determine if specific MENA groups are more inclined to mark both categories, if there are differences in reporting by age, or if something else is causing some MENA respondents to identify as both MENA *and* White.

Even when a MENA category is available, about one third of MENA respondents do not consistently use the MENA category. This may be because this is a new category and respondents are unfamiliar with the terminology "Middle Eastern or North African" as a self-identity. This could also be because of the small sample size of the MENA population or that members of this group are more likely to be multiethnic and may report they are MENA at one point in time and may report, for example that they are White or Asian at another point in time.

Next we examine the overall level of multiple-responses between the initial survey and reinterview, for both treatments. We will examine whether MENA respondents also identify with another group(s) (e.g., White, Black, Asian, etc.) or only report as MENA.

Table 25. Consistency Between Self-Response and Reinterview for MENA Groups by Presence of Distinct MENA Category

	MENA alone	**White *and* MENA**	**MENA *and* another group(s)**
Question with Distinct MENA Category	70.4% (11.71)	39.7% (6.60)	22.8% (7.90)
Question with NO MENA Category	16.1% (6.69)	76.2% (5.30)	25.7% (10.48)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

In Table 25, we see that for respondents who identified as MENA alone in reinterview, consistency was significantly higher at 70.4 percent when a distinct MENA category was present compared with 16.1 percent when no MENA category was available. For respondents who identified as MENA *and* White in reinterview, consistency was significantly lower when a distinct MENA category was present. For respondents who identified as MENA *and* another group(s) (e.g., Black, Asian, etc.) in reinterview, there was not a significant difference in consistency of reporting between self-response and reinterview, based on the presence of a distinct MENA category.

Next, Table 26 is used to evaluate the consistency of MENA detailed reporting in the initial survey compared with MENA detailed reporting in the reinterview by the presence of a MENA category. Examining the two formats, we determine how the larger Middle Eastern and North African groups in the United States. that were employed as example/checkbox groups in the question designs were reported. When no distinct MENA category was included, the examples/checkboxes of Lebanese and Egyptian

were included in the White category; when a MENA category was included, the examples/checkboxes Lebanese, Iranian, Egyptian, Syrian, Moroccan, and Algerian were included. Additionally, we examined how smaller detailed MENA groups were reported in comparison to the larger detailed MENA groups. The category "Other Detailed MENA" is an aggregate of the smaller detailed MENA responses, including groups such as Israeli, Iraqi, Tunisian, etc.

Table 26. Self-Response Compared to Reinterview for Detailed MENA Groups by Presence of Distinct MENA Category

Question Design with Distinct MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**78.9% (14.26)**	0.0% (N/A)	0.0% (N/A)	6.0% (6.95)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)
Iranian	0.0% (N/A)	**86.9% (5.11)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.1% (1.09)
Egyptian	0.0% (N/A)	0.0% (N/A)	**63.4% (12.37)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	0.1% (0.12)	0.0% (N/A)	0.0% (N/A)	**90.8% (8.20)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**74.1% (22.10)**	0.0% (N/A)	0.2% (0.15)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.1% (0.10)
Other Detailed MENA	0.0% (N/A)	4.8% (3.28)	0.0% (N/A)	1.0% (1.21)	0.0% (N/A)	0.0% (N/A)	**40.0% (9.54)**

Question Design with No MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**76.7% (9.49)**	0.0% (N/A)	0.0% (N/A)	0.2% (0.28)	0.0% (N/A)	0.0% (N/A)	0.4% (0.31)
Iranian	0.0% (N/A)	**78.3% (7.86)**	0.0% (N/A)	0.0% (N/A)	5.7% (9.42)	0.0% (N/A)	3.9% (4.00)
Egyptian	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	4.2% (4.69)	0.0% (N/A)	0.0% (N/A)	**63.5% (30.44)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**67.2% (12.10)**	0.0% (N/A)	1.1% (1.12)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**84.4% (84.95)**	0.0% (N/A)
Other Detailed MENA	0.2% (0.22)	0.7% (0.53)	0.0% (N/A)	0.6% (0.70)	0.9% (1.41)	15.6% (84.95)	**51.7% (8.96)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Those who identified as Egyptian in reinterview and responded to the self-response survey with no MENA category had a significantly higher consistency between reinterview and self-response than those who had a MENA category on the self-response survey. There were no significant differences in the consistency of reporting for any other MENA detailed groups.

5.2.1 Summary of Findings

- The inclusion of a MENA category significantly decreased the overall percentage of respondents reporting as White or SOR and significantly increased the percentage of respondents reporting as Black or Hispanic.
- The inclusion of a MENA category did not affect the item nonresponse rate.
- When no MENA category was available, people who identified as MENA predominantly reported in the White category, but when a MENA category was included, people who identified as MENA predominantly reported in the MENA category.
- The inclusion of a MENA category significantly decreased the reporting of detailed MENA responses, such as Egyptian, Syrian, Moroccan, etc., in the White, Black, SOR, and other categories.
- The Census Bureau's 2015 NCT working classification of MENA included 19 nationalities, 11 ethnicities, and other panethnic and geographic terms. The groups in the working classification of MENA identified as MENA when the category was available. When no MENA category was available, most of these groups identified with the White or SOR categories.
- The 2015 NCT also examined how groups *not* in the MENA working classification but who may identify as MENA reported. The majority of detailed responses from these groups identified in the White or Black categories, even when a MENA category was present on the questionnaire.
- The inclusion of a MENA category helps MENA respondents to more accurately report their MENA identities. When no MENA category was available, MENA respondents were less likely to report as only MENA and instead reported their MENA identity within the White category. When a MENA category was included, MENA respondents were more likely to report as only MENA and less likely to report as MENA within the White category.

Based on the analysis of the 2015 NCT data, the use of a distinct Middle Eastern on North African category appears to produce more accurate data for respondents who identify as MENA. Additionally, it appears that, overall, the Census Bureau's working classification of MENA worked well to identify groups that self-identify as Middle Eastern or North African. The results of this research indicate that it is optimal to use a dedicated "Middle Eastern or North African" response category. Under the current OMB Standards on Race and Ethnicity, MENA responses are aggregated to the White category. OMB is currently conducting a review of these standards, and it will ultimately be OMB's decision as to whether or not MENA will become a new minimum reporting category that is distinct from the White category.

5.3 Results by Instruction and Terminology

All tables discussed in this section are subset to respondents who completed the 2015 NCT on the Internet. Unlike the paper questionnaires, all 36 possible combinations for forms were available on the Internet. The overall, TQA, and paper versions of each table in this section, as well as other instruction and terminology tables listed in the 2015 National Content Test Study Plan for Race and Ethnicity but not in this section, are located in Appendix J.

The first set of tables, Table 27 and Table 28, use the self-response data to investigate the effect of the six possible combinations of instructions and terminology on the reporting of major OMB categories. The major OMB categories, reported as alone or in combination groups, in Table 27 are separated into six combinations of the three terminology wordings and the two instruction types. To determine whether any instruction and terminology combination has an effect on the reporting of major OMB categories, each

alone or in combination group was tested across the different versions of instructions with the same terminology version, as well as across the different versions of terminology with the same instruction version.

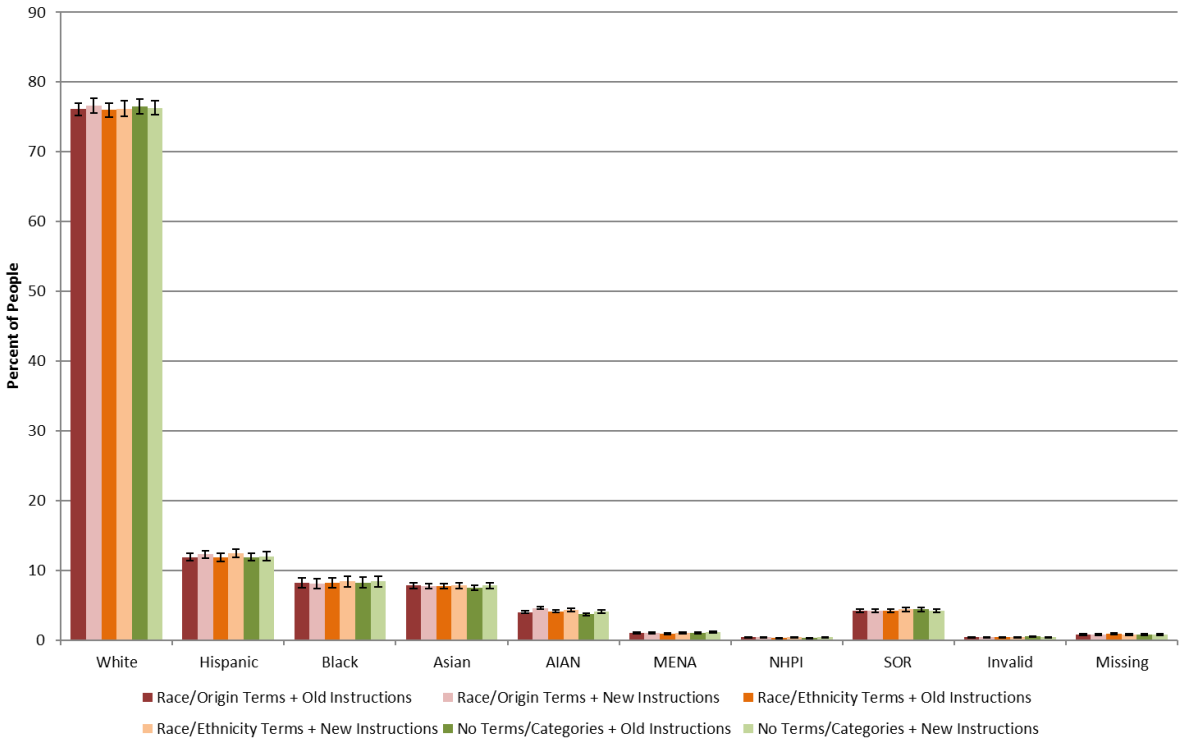
Table 27. Race/Ethnicity Distribution by Instructions and Terminology on Internet

Alone or In Combination Groups	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	76.1% (0.44)	76.6% (0.56)	76.0% (0.52)	76.2% (0.58)	76.5% (0.52)	76.3% (0.53)
Hispanic	11.9% (0.29)	12.3% (0.28)	11.8% (0.30)	12.4% (0.30)	11.9% (0.27)	12.0% (0.32)
Black	8.2% (0.34)	8.1% (0.38)	8.2% (0.38)	8.4% (0.40)	8.2% (0.39)	8.4% (0.38)
Asian	7.8% (0.21)	7.7% (0.19)	7.7% (0.19)	7.8% (0.19)	7.5% (0.19)	7.8% (0.22)
AIAN	4.0% (0.10)	4.6% (0.11)	4.1% (0.10)	4.3% (0.10)	3.7% (0.09)	4.1% (0.11)
MENA	1.0% (0.06)	1.0% (0.05)	0.9% (0.05)	1.0% (0.06)	1.0% (0.06)	1.1% (0.06)
NHPI	0.4% (0.03)	0.4% (0.03)	0.3% (0.03)	0.4% (0.03)	0.3% (0.03)	0.4% (0.03)
SOR	4.2% (0.13)	4.2% (0.13)	4.2% (0.14)	4.4% (0.14)	4.4% (0.14)	4.2% (0.14)
Invalid	0.4% (0.03)	0.4% (0.03)	0.4% (0.03)	0.4% (0.03)	0.5% (0.04)	0.4% (0.03)
Missing	0.8% (0.06)	0.8% (0.06)	0.9% (0.07)	0.8% (0.05)	0.8% (0.05)	0.8% (0.06)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

The optimal combination of terminology and instruction text would increase the reporting of major OMB categories by reducing SOR reporting. While there is a significant increase in the distribution of those who identified as AIAN alone or in combination with the Race/Origin terms and the new instructions (4.6 percent) compared with those with the Race/Origin terms and the old instructions (4.0 percent), no other distributions were statistically different. The information from this table is represented graphically in Figure 22.

Figure 22. Race/Ethnicity Distribution by Instructions and Terminology on Internet



Source: 2015 National Content Test data.
Note: 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

Table 28 shows the detailed reporting for each race/ethnicity group, alone or in combination. Each dimension's analysis contains its effect on detailed reporting. Explanatory modeling rather than statistical testing was used to investigate the effects of the key dimensions on detailed reporting. Explanatory modeling found no significant differences in detailed reporting when using the new instructions and Race/Ethnicity terminology or when using the new instructions and No Terms ("categories") terminology compared to using the old instructions and Race/Origin terminology. Further information on the explanatory model of Table 28 is located in the modeling section of this report (See Section 5.4).

Table 28. Detailed Reporting for Major Race/Ethnicity Groups by Instructions and Terminology on Internet

Detailed Reporting	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	86.4% (0.28)	85.4% (0.29)	84.9% (0.34)	84.3% (0.30)	84.5% (0.30)	84.2% (0.28)
Hispanic	93.6% (0.35)	94.0% (0.34)	94.0% (0.34)	93.9% (0.34)	93.5% (0.34)	93.4% (0.34)
Black	84.2% (0.65)	83.8% (0.77)	85.2% (0.64)	84.9% (0.67)	83.2% (0.72)	84.1% (0.66)
Asian	98.5% (0.21)	98.2% (0.23)	98.1% (0.27)	98.1% (0.24)	98.0% (0.24)	98.4% (0.21)
AIAN	71.1% (1.23)	71.5% (1.14)	68.3% (1.21)	69.5% (1.11)	71.6% (1.04)	71.8% (1.15)
MENA	92.3% (1.47)	93.7% (0.90)	92.7% (1.60)	95.3% (0.73)	92.1% (1.29)	88.7% (1.56)
NHPI	89.5% (1.97)	83.0% (3.02)	84.5% (2.50)	87.1% (2.32)	88.5% (2.22)	81.8% (3.28)
SOR	72.0% (1.10)	71.7% (1.30)	71.8% (1.25)	70.3% (1.13)	72.6% (1.11)	71.7% (1.21)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Both the significance testing and explanatory modeling indicate that there is no significant difference between the use of Race/Origin terminology and old instructions and all other combinations of instructions and terminology.

The next table, Table 29, looks at the reporting of two or more race/ethnicity groups in self-response by the instructions provided. The aim of testing alternative instructions is to determine which elicits the most accurate reporting of the identities that respondents have, and ensuring that they fully understand their opportunity to report multiple groups. Based on previous Census Bureau qualitative research (as referenced in Section 2), we expected that the new instructions would yield higher levels of multiple reporting. As expected, the new instructions have a significantly higher reporting of two or more race/ethnicity groups than the old instructions.

Table 29. Reporting of Two or More Race/Ethnicity Groups by Instruction Type on Internet

	Old Instructions	New Instructions
Two or More Race/Ethnicity Groups	12.3% (0.09)	13.1% (0.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Consistency between race/ethnicity reporting is another measure that can help determine if one of the instructions or terminology performed better. We will look at consistency in multiple ways. The first is looking at consistency by the instructions used. The next two tables look at the consistency of the major race/ethnicity group responses for only those respondents who were in both reinterview and self-response. The first table, Table 30, looks at consistency as it relates to the instruction type used. Recall that consistency is determined by taking responses provided in the reinterview and computing the percentage that provided the same response category in the self-response survey.

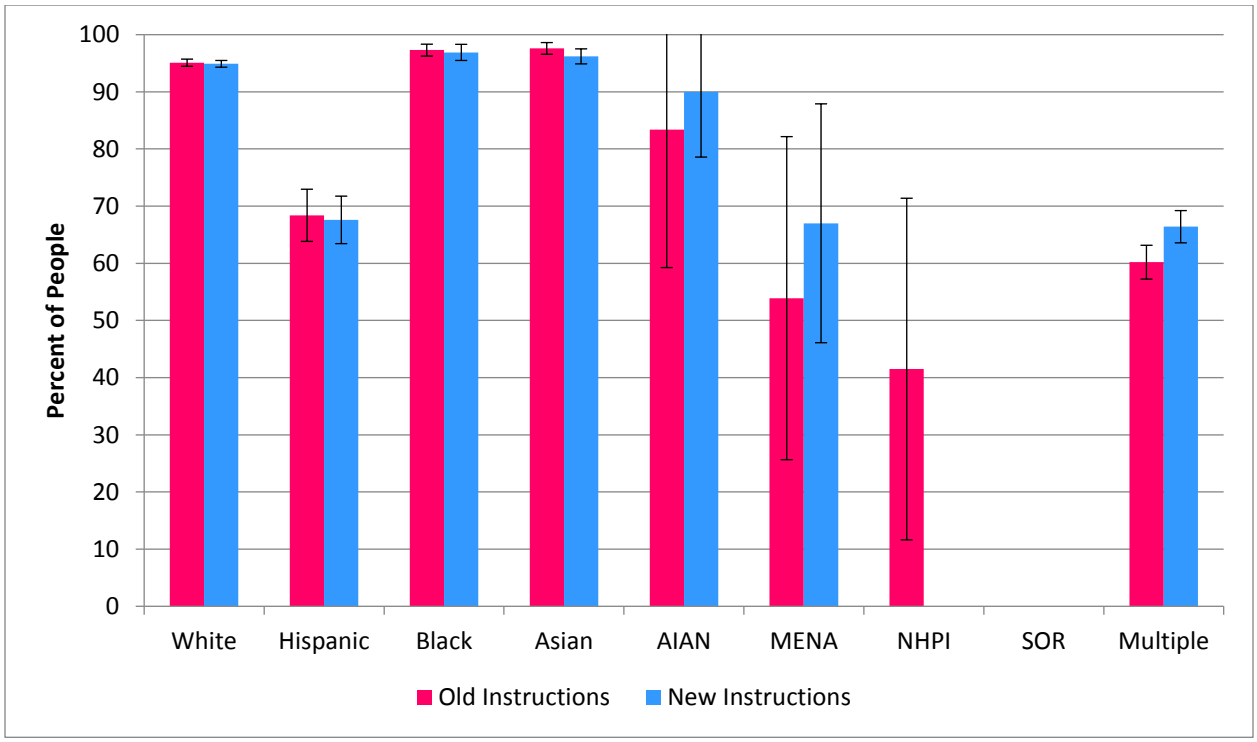
Table 30. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Instructions on Internet

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
OLD: "*Select one or more boxes*"	95.1% (0.32)	68.4% (2.33)	97.3% (0.53)	97.6% (0.52)	83.4% (12.32)	53.9% (14.42)	41.5% (15.25)	32.0% (21.71)	60.2% (1.51)
NEW: "*Select all boxes that apply*"	94.9% (0.30)	67.6% (2.12)	96.9% (0.72)	96.2% (0.67)	90.0% (5.82)	67.0% (10.66)	41.4% (19.92)	2.6% (3.01)	66.4% (1.44)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

The consistency between the follow-up reinterview and the initial self-response survey for multiple-responses shown in Table 30 was significantly higher for the new instructions, at 66.4 percent, than for the old instructions, at 60.2 percent. All other major race/ethnicity groups show no significant difference in consistency reporting across the two instruction wordings used. The information from Table 30 is shown graphically in Figure 23.

Figure 23. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Instructions on Internet



Source: 2015 National Content Test data.
Note: Data for the NHPI (New Instructions) and SOR categories are not visible because of small percentages. 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

Table 31 looks at the consistency of the major race/ethnicity group responses for only those respondents who were in both reinterview and self-response by terminology wording.

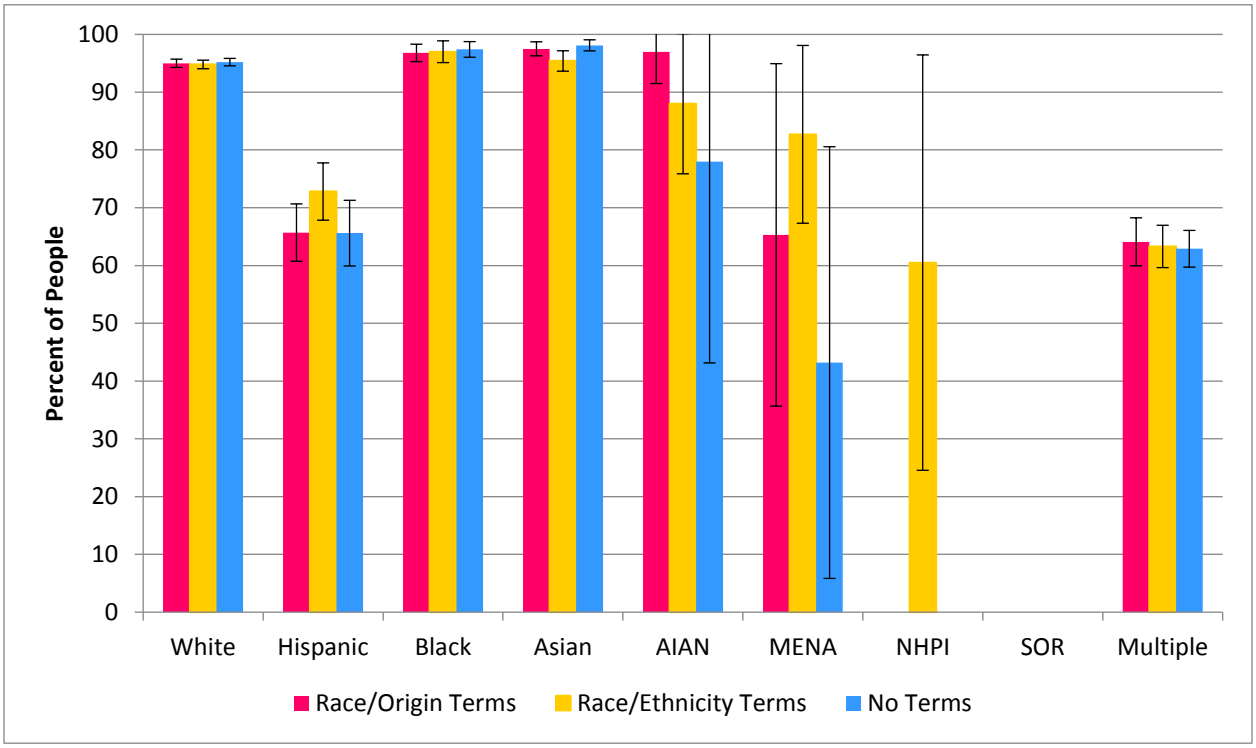
Table 31. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Terminology on Internet

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
Race/Origin	95.0% (0.37)	65.7% (2.53)	96.8% (0.77)	97.5% (0.62)	97.0% (2.81)	65.3% (15.12)	42.5% (20.15)	28.5% (34.60)	64.1% (2.12)
Race/Ethnicity	94.8% (0.38)	72.8% (2.53)	97.0% (0.96)	95.4% (0.90)	88.0% (6.19)	82.7% (7.85)	60.5% (18.34)	23.2% (21.71)	63.3% (1.87)
No terms at all ("Categories")	95.2% (0.33)	65.6% (2.90)	97.4% (0.69)	98.1% (0.49)	78.0% (17.79)	43.2% (19.06)	10.1% (10.40)	0.0% (N/A)	62.9% (1.62)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

All groups in Table 31 show no statistically significant differences in consistency across the terminology wording used. The information from Table 31 is shown graphically in Figure 24.

Figure 24. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Terminology on Internet



Source: 2015 National Content Test data.
Note: Data for the NHPI (New Instructions) and SOR categories are not visible because of small percentages. 95% confidence intervals are depicted by the vertical black lines at the top of each bar.

The next set of tables further investigates the consistency for the multiple-response group by both instructions and terminology. We examined the major multiple-response combination groups from the 2015 NCT reinterview in comparison to what was reported in the self-response survey as well as other

multiple-response combinations greater than one percent (See Table 32). The percentage of multiple-responses should be similar or greater for the *"Select all boxes that apply"* instructions. If multiple-response reporting were higher with this approach for groups such as White ***and*** Black, White ***and*** AIAN, White ***and*** Asian, etc., this would indicate a favorable design.

Table 32. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Instructions on Internet

	White *and* **Black**	**White** *and* **Hispanic**	**White** *and* **Asian**	**White** *and* **AIAN**	**Hispanic** *and* **Black**	**Black** *and* **AIAN**	**Hispanic** *and* **AIAN**	**White** *and* **MENA**	**White, Black** *and* **AIAN**	**White, Hispanic** *and* **AIAN**
OLD: "*Select one or more boxes*"	69.5% (7.99)	27.6% (2.51)	73.1% (6.27)	46.8% (3.26)	38.1% (9.19)	15.8% (7.89)	47.7% (17.98)	62.4% (8.45)	61.4% (13.61)	28.4% (9.05)
NEW: "*Select all boxes that apply*"	70.7% (6.77)	35.6% (2.44)	77.3% (5.05)	54.1% (3.43)	45.1% (9.59)	38.2% (11.11)	41.7% (12.69)	60.1% (8.61)	72.4% (12.18)	27.5% (9.77)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

While there are differences in consistency for selected multiple-response groups, e.g., White and Black, Hispanic and AIAN, White, Black, and AIAN, by instructions, these differences are not significant.

Now we consider consistency by the terminology used. As done previously for instructions, the major multiple-response combination groups and other multiple-response combinations greater than one percent were examined by terminology used (See Table 33).

Table 33. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Terminology on Internet

	White *and* **Black**	**White** *and* **Hispanic**	**White** *and* **Asian**	**White** *and* **AIAN**	**Hispanic** *and* **Black**	**Black** *and* **AIAN**	**Hispanic** *and* **AIAN**	**White** *and* **MENA**	**White, Black** *and* **AIAN**	**White, Hispanic** *and* **AIAN**
Race/Origin	70.5% (8.10)	30.5% (3.25)	70.5% (6.39)	54.3% (4.63)	42.7% (11.90)	39.0% (14.29)	39.9% (13.33)	63.1% (8.75)	88.1% (8.50)	9.6% (3.66)
Race/Ethnicity	67.9% (8.60)	32.0% (2.87)	77.7% (7.33)	47.4% (3.60)	40.1% (10.20)	30.0% (16.63)	46.0% (13.92)	59.9% (8.89)	50.3% (15.56)	32.5% (10.77)
No Terms ("Categories")	72.1% (8.44)	32.9% (3.05)	79.9% (6.19)	50.1% (4.17)	43.8% (14.90)	21.2% (11.50)	45.4% (19.96)	60.5% (10.28)	53.0% (24.89)	42.6% (12.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

When considering the most prevalent combinations of multiple responses reported in the 2015 NCT, there are no significant differences in consistency across the terminology wording used. The significance testing results for consistency by instructions (Table 30 and Table 32) show that the new instructions provide no difference in the consistency of the selected multiple-response groups but is an improvement for the consistency of the overall multiple-response group. The significance testing results for consistency by terminology (Table 31 and Table 33) show that the terminology Race/Ethnicity and No Terms ("categories") perform the same as using the terminology Race/Origin.

Along with the overall old and new instructions, there were modifications to the AIAN instructions in the 2015 NCT. For more information concerning the modifications, refer to the Section 3 on methodology. Interestingly, there is no significant difference in the percentage of respondents identifying as AIAN alone or in combination nor is there a significant difference in the reporting of AIAN detail by AIAN instruction type (see Table 34 and Table 35).

Table 34. Percentage of Respondents Identifying as AIAN Alone or in Combination by AIAN Instruction Type

AIAN Instructions	AIAN Alone or in Combination
OLD: "*Enter name of enrolled or principal tribe(s)*"	3.9%(0.14)
NEW: "*Enter, for example,… . Note you may report more than one group.*"	4.2%(0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table 35. Percentage of Respondents Providing Detail by AIAN Instruction Type

AIAN Instructions	AIAN Detailed Reporting
OLD: "*Enter name of enrolled or principal tribe(s)*"	71.1%(1.84)
NEW: "*Enter, for example,… . Note you may report more than one group.*"	70.6%(0.48)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

5.3.1 Summary of Findings

- The new instructions (*"Select all boxes that apply")* increased reporting of two or more race/ethnicity groups when compared to the old instructions (*"Select one or more boxes*").
- The new instructions increased the rate of consistency of multiple-responses when compared to the old instructions. There was no difference in the rate of consistency for any of the other major race/ethnicity groups.
- There was no difference in the prevalence of multiple group reporting amongst the three terminology types—Race/Origin, Race/Ethnicity, No Terms ("categories").
- There is no difference in the reporting of major race/ethnicity groups for any of the three terminology types—Race/Origin, Race/Ethnicity, No Terms ("categories"). There was no difference in detailed group reporting for any of the combinations of instructions and terminology.
- Only one major race/ethnicity group (AIAN alone or in combination) had a significant increase in reporting when the instructions were changed from old to new with the Race/Origin terminology. All other distributions were not significantly different. The reporting of SOR was not different for any combinations of instructions and terminology.

The results of this research indicate that it is optimal to use the new instructions to **"Mark all that apply"** (instruction wording for paper data collections) and to **"Select all that apply"** (instruction wording for Internet data collections). These new instructions performed as well, or in some instances better than, the old instructions to **"Mark [*X*] one or more boxes"** (instruction wording for paper data collections) or to **"Select one or more boxes"** (instruction wording for Internet data collections) for the reporting of

multiple race/ethnicity groups. In addition, the new instructions yielded similar or higher consistency in the reporting of major race/ethnicity groups.

The results of this research in conjunction with previous qualitative research indicate that it is optimal to use the **Race/Ethnicity** terminology for the combined question. The terminology approach with "Race/Ethnicity" and the use of question approaches where no terms were employed ("categories") both performed as well as the Race/Origin question terminology. But a decision must be made about which terminology should be employed for future data collections. NCT cognitive and usability research indicated that the use of "categories" in data collections conducted in Spanish caused some confusion among Spanish-speaking respondents who thought "categories" presented a more hierarchical ordering of groups rather than a list of options.

5.4 Modeling Results

Recall that all of the explanatory models are applicable for Internet self-response only. All logistic regression models, which take into account the complex sampling design, discussed in this section were run using the SURVEYLOGISTIC procedure in SAS software. All differences discussed in this section are significant at the $\alpha = 0.05$ level unless otherwise noted.

5.4.1 Explanatory Logistic Regression Model for Detailed Reporting

The use of explanatory models allows for an easier analysis of more complex tables. One such table is the Detailed Reporting for Major Race/Ethnicity Groups by Instructions and Terminology for Internet (Section 5.3, Table 28). The explanatory model is controlled for both race and the device the respondent used when the race/ethnicity question(s) first appear. The response variable modeled is a binary indicator of the presence of detailed race/ethnicity response(s). A respondent can provide race/ethnicity detail using the detailed checkboxes, write-in areas, or both in any of the race/ethnicity categories provided. The explanatory variables consisted of the main effects and interactions between type of instruction, terminology wording, presence of distinct MENA category, and question format.

The explanatory model shows that the main effect with the most impact on detailed reporting is question format. In fact, by changing only the question format from Separate Questions to Combined Question with Detailed Checkboxes, there is a significant substantial increase in detailed reporting for Internet self-response. The explanatory model also showed that the inclusion of a distinct MENA category provides a slight significant increase in detailed reporting.

Certain main effects showed a decrease or no effect when it came to detailed reporting. Changing the type of instruction from *"Select one or more boxes"* to *"Select all boxes that apply"* resulted in a small significant decrease in detailed reporting. There is a slight significant decrease in detailed reporting when the terminology wording changed from Race/Origin to No Terms ("categories"). However, changing the terminology wording from Race/Origin to Race/Ethnicity shows a nonsignificant slight decrease in detailed reporting. The device used by the respondent also had an impact on detailed reporting. There is a slight significant decrease in detailed reporting for those respondents using a device with a smaller screen (i.e. phone or tablet) versus those with a larger screen.

Changing more than one aspect of the form (i.e. question format and instructions or terminology and inclusion of a distinct MENA category or question type and instructions and inclusion of a distinct MENA category) does not affect the detailed reporting for Internet self-response as much as just changing the question format from Separate Questions to Combined Question with Detailed Checkboxes. For example, prior knowledge indicates that some respondents may not report all race/ethnicities they identify

with when using the combination of the instruction *"Select one or more boxes"* and the terminology wording Race/Origin. Interestingly, changing the instructions to *"Select all boxes that apply"* and terminology wording to No Terms ("categories") does not significantly affect the detailed reporting for Internet self-response. However, it is important to note that this does not imply that changing the instructions and terminology will not affect other types of reporting.

Consider when all four aspects of the form are changed from the 2010 Census design of the Separate Questions format, *"Select one or more boxes"* instructions, no distinct MENA category present, and Race/Origin terminology. Those respondents with forms containing the Combined Question with Detailed Checkboxes format, inclusion of a distinct MENA category, *"Select all boxes that apply"* instructions, and Race/Ethnicity terminology did not have a significant difference in detailed reporting for Internet self-response. The remaining three combinations[4] all resulted in a significant small to moderate decrease in detailed reporting.

5.4.2 Explanatory Logistic Regression Model for Item Nonresponse

The next area of interest for modeling is item nonresponse, specifically the race question. When considering item nonresponse to the race question (see Section 5.1, Table 9), an explanatory model was used that controlled for the device that the respondent was using when the race/ethnicity question(s) first appear. The response variable modeled is a binary indicator of the presence of valid race response(s). No valid race response occurs when a respondent provides either no response or an invalid response to the separate race question or when a respondent provides either no response or an invalid response to the race/ethnicity combined question. The explanatory variables consisted of the main effects and interactions of type of instruction, terminology wording, presence of distinct MENA category, and question format. The interaction between question format and device type was also included in this model.

Only the question format and device used significantly impacted race nonresponse. Both Combined Question formats yield significantly less race nonresponse than the Separate Questions format. Using a device with a smaller screen resulted in a significant small increase in race nonresponse. Changing the instructions, adding a distinct MENA category, or changing the terminology has no significant impact on race nonresponse. There is no significant difference in race nonresponse when respondents use a device with a smaller screen when the question format changes from the Separate Questions format to either of the Combined Question formats.

5.4.3 Explanatory Logistic Regression Model for Consistency

Another model was used to investigate the effects of the key dimensions on consistency. A respondent's race is consistent when the race provided for a particular respondent in reinterview is the same as the race provided for the same respondent in the self-response survey. Note that consistency for multiple reporting means that the respondent provided multiple race/ethnicities in both reinterview and the self-response survey; they do not necessarily need to be the same multiple race/ethnicities. This model is controlled for both race and the device the respondent used when the race/ethnicity question(s) first appear. The response variable modeled is a binary indicator of the presence of consistent race response(s). The explanatory variables consisted of the main effects and interactions of type of instruction, terminology wording, presence of distinct MENA category, and question format. The interaction between question format and device type was also included in this model.

[4] The other combinations are: Combined Question with Write-In Response Areas, inclusion of a distinct MENA category, *"Select all boxes that apply"* instructions, and Race/Ethnicity terminology; Combined Question with Write-In Response Areas, inclusion of a distinct MENA category, *"Select all boxes that apply"* instructions, and No Terms ("categories") terminology; Combined Question with Detailed Checkboxes format, inclusion of a distinct MENA category, *"Select all boxes that apply"* instructions, and No Terms ("categories") terminology.

When the question format changes from Separate Questions to either of the Combined Question formats and the device is one with a smaller screen, there is no impact on consistency. When a distinct MENA category is present, there is a significant moderate decrease in consistency between the reinterview reported race and the self-response survey reported race than when the distinct MENA category is absent. Respondents, who are accustomed to putting their race/ethnicity in another category that is not MENA, are unaware that a distinct MENA category exists. Like self-response, the race/ethnicity categories in the reinterview are ordered by population size from largest to smallest. The White category, which those who identify as MENA are accustomed to using, will come before the MENA category.

5.4.4 Explanatory Logistic Regression Model for Multiple Reporting

The final model investigates multiple reporting. Multiple reporting is defined as reporting in multiple race/ethnicity groups, such as a respondent reporting in both White and Black, and not necessarily multiple responses in each group. This logistic regression model is controlled for both race and the device the respondent used when the race/ethnicity question(s) first appear with the response variable modeled a binary indicator of the presence of multiple reporting. The explanatory variables consisted of the main effects and interactions of type of instruction, terminology wording, presence of distinct MENA category, and question format. The interaction between question format and device type was also included in this model.

Both combined question formats had a slight to moderate lower reporting of multiple race/ethnicity groups than the Separate Questions format. The use of No Terms ("categories") in terminology substantially increased the reporting of multiple groups than the Race/Origin terminology. However, when changing both the terminology to No Terms ("categories") and the question format to either combined format, there is a moderate decrease in the reporting of multiple groups. Devices with smaller screens substantially increased the reporting of multiples.

Changing two of the key dimensions caused a substantial increase in the reporting of multiple race/ethnicity groups. One occurs when the question format is changed from Separate Questions to the Combined Question with Detailed Checkboxes format along with a distinct MENA; the other is when the question format is changed to the Combined Question with Detailed Checkboxes with the *"Select all boxes that apply"* instructions.

6. Conclusions

6.1 Final Conclusions

The Census Bureau's 2015 National Content Test (NCT) race/ethnicity research was designed to test alternative versions of the race and ethnicity questions to gain empirical information about ways to improve the quality of race/ethnicity data. Our goal was to implement research that refined our previous efforts to address known race and Hispanic origin reporting issues and important racial and ethnic community concerns while improving data in three crucial areas, including a) increasing accuracy and reliability of reporting in the major Office of Management and Budget (OMB) racial and ethnic categories; b) collecting detailed data for myriad groups; and c) obtaining lower item nonresponse rates. To accomplish this, the 2015 NCT research evaluated and compared different question designs for race and Hispanic origin. The 2015 NCT also presented the critical opportunity to compare the success of different question designs to determine how they perform in new web-based data collection methods using the Internet, smartphone, and telephone response options.

Discussion

Over the past decade, Census Bureau researchers have been exploring different strategies for improving respondent understanding of the questions we ask, as well as the accuracy of the resulting data that we produce on race and ethnicity. This research began in 2008, with the design of a ground-breaking research study called the 2010 Census Alternative Questionnaire Experiment (AQE) Research on Race and Hispanic Origin, which at the time was the most comprehensive research effort on race and Hispanic origin ever undertaken by the Census Bureau. In 2012, the AQE research was completed, and the results demonstrated promising strategies to address the challenges and complexities of race and Hispanic origin measurement and reporting, showing that combining race and ethnicity into one question did not reduce the proportion of Hispanics, Blacks, American Indians and Alaska Natives, Asians, or Native Hawaiians and Other Pacific Islanders. One of the most notable AQE findings was that while the separate questions still had Some Other Race (SOR) reporting as high as 7 percent, the combined question designs yielded a substantially reduced SOR population under half a percent, demonstrating that a combined question approach is more in-line with how Hispanic respondents view themselves. Additionally, the combined question yielded lower item nonresponse rates than the two separate questions approach. The research found that the combined question increased reporting of detailed responses for most groups, but decreased reporting for others. Overall, the AQE research demonstrated that the combined question better reflects racial/ethnic self-identification.

Yet while the 2010 AQE research laid a strong foundation, at the time we were testing strategies, and we still needed another empirical research study to test the prospective question designs for the content of the 2020 Census, particularly with the new emphasis on using web-based designs for data collection. This research needed to build upon the important work of the 2010 AQE and also addresses racial/ethnic community feedback on improving data for our nation's growing and diversifying populations. Therefore, after extension discussions from 2012 through 2014 about the AQE results with stakeholders, advisors, and the public, the Census Bureau developed plans for a follow-up study to the AQE. Throughout 2014 and 2015, our Census Bureau research team shared and discussed plans for testing different question designs, explained the research study plan and goals, and participated in numerous dialogues about the research plans and community feedback. The ultimate goal of this research would be to improve the question design and data quality for race and ethnicity, while addressing community concerns that we have heard over the past several years, including the call for more detailed, disaggregated data for our diverse American experiences as German, Mexican, Korean, Jamaican, and myriad other identities.

This research effort culminated into the 2015 National Content Test, which provided the means for refining successful strategies to address known race and ethnicity reporting issues. During the fall of 2015, the Census Bureau undertook the 2015 National Content Test (NCT) to explore ways to improve our race/ethnicity questions, to better measure and represent our nation's myriad racial/ethnic identities and build upon extensive research on race and ethnicity previously conducted by the Census Bureau to examine how people in our society identify their race and ethnicity as our society grows more diverse and complex.

Conclusions About Question Format

The 2015 NCT research demonstrates that a question format that combines race and ethnicity into one question results in more accurate reporting and dramatically lower item nonresponse compared to the two separate questions on Hispanic origin and on race. In addition, with a new combined question design approach which employed multiple detailed checkboxes to help collect the reporting of detailed groups, the NCT research successfully demonstrated how an innovative approach could collect data for myriad groups across our nation's diverse population. By combining the race and Hispanic origin questions into

one question on race/ethnicity, the research has shown that Hispanics can better find themselves among the race and ethnicity categories.

- The combined question formats had significantly lower percentages of respondents reporting SOR or invalid responses, as well as significantly lower percentages of missing response than the Separate Questions format. Thus, the percentages of respondents reporting in OMB groups was higher.
- Hispanic respondents identified as Hispanic alone at significantly higher rates when responding to the combined question formats compared to the Separate Questions format.
- Hispanics who received the Separate Questions format used other race categories (White, SOR, etc.) to report Hispanic responses at a significantly higher rate than those who received either of the combined question formats.
- The Separate Questions approach had a higher consistency between the self-response survey and reinterview for reporting of White than either of the combined question approaches.
- The Combined Question with Detailed Checkboxes format elicited the same or more details than the Separate Questions format, for every major group.
- Nonresponse to the combined question is lower than nonresponse to the separate race question.

The combined question with detailed checkboxes design supported the research objectives of increasing reporting within the current standard OMB categories, decreasing item nonresponse, improving accuracy and reliability, and achieving similar or higher levels of detailed reporting for all major groups. The results of this research indicate that the optimal question format is **combined question with detailed checkboxes**.

Conclusions About Using a Dedicated MENA Response Category

The 2015 NCT research also explored ways to collect and tabulate data for respondents of Middle Eastern or North African (or MENA) heritage. During the 1990s, as part of public comment process for the 1997 OMB Standards, OMB received a number of requests to add an ethnicity category for Arabs and Middle Easterners to the minimum collection standards, but OMB encouraged further research on how to collect and improve data on this population. The 2010 AQE was part of the research effort on how to collect and improve data for the MENA population, as findings from AQE focus groups revealed that a number of MENA participants did not see themselves in the current race and ethnicity response categories, and focus group participants often recommended a separate Middle Eastern, North African, or Arab category. The Census Bureau also conducted extensive outreach with MENA community leaders and experts over the past several years about the development of a MENA category.

This culminated in May of 2015, when the Census Bureau held a Forum on Ethnic Groups from the Middle East and North Africa where more than 30 experts were updated on the 2015 NCT plans for testing a MENA category and invitees shared their feedback on a potential MENA category. Experts provided their feedback on the term "Middle Eastern or North African," and the Census Bureau's working classification of MENA and potential tabulations of MENA responses to the question(s) on race and ethnicity in the 2020 Census. These findings and ongoing dialogues with stakeholders led to the testing of a separate Middle Eastern or North African category in the 2015 NCT. The NCT research findings show that the use of a distinct MENA category elicits higher quality data; and people who identify as MENA use the MENA category when it is available, whereas they have trouble identifying as only MENA when no category is available. Overall, the NCT research provided the primary means for us to test and evaluate new content prior to the 2020 Census.

- The inclusion of a MENA category significantly decreased the overall percentage of respondents reporting as White or SOR and significantly increased the percentage of respondents reporting as Black or Hispanic.
- The inclusion of a MENA category did not affect the item nonresponse rate.
- When no MENA category was available, people who identified as MENA predominantly reported in the White category, but when a MENA category was included, people who identified as MENA predominantly reported in the MENA category.
- The inclusion of a MENA category significantly decreased the reporting of detailed MENA responses, such as Egyptian, Syrian, Moroccan, etc., in the White, Black, SOR, and other categories.
- The Census Bureau's 2015 NCT working classification of MENA included 19 nationalities, 11 ethnicities, and other panethnic and geographic terms. The groups in the working classification of MENA identified as MENA when the category was available. When no MENA category was available, most of these groups identified with the White or SOR categories.
- The 2015 NCT also examined how groups *not* in the MENA working classification but who may identify as MENA reported. The majority of detailed responses from these groups identified in the White or Black categories, even when a MENA category was present on the questionnaire.
- The inclusion of a MENA category helps MENA respondents to more accurately report their MENA identities. When no MENA category was available, MENA respondents were less likely to report as only MENA and instead reported their MENA identity within the White category. When a MENA category was included, MENA respondents were more likely to report as only MENA and less likely to report as MENA within the White category.

The results of this research indicate that it is optimal to use a **dedicated "Middle Eastern or North African" response category**. Under the current OMB Standards on Race and Ethnicity, MENA responses are aggregated to the White category. OMB is currently conducting a review of these standards, and it will ultimately be OMB's decision as to whether or not MENA will become a new minimum reporting category that is distinct from the White category.

Conclusions About Instruction Wording and Question Terminology

Another objective of the 2015 NCT was to evaluate the use of new instruction wording and alternative terminology for the question format approaches for collecting data on race and ethnicity. This research was undertaken to improve the clarity of the question, to make it more apparent that more than one group may be selected, and to enable respondents, especially multiracial and multiethnic respondents, to more easily self-identify in ways that reflect how they see themselves. This objective was built upon the successful findings of the 2010 AQE research, which showed promising strategies for allowing respondents to report all of the groups with which they self-identify.

In the 2015 NCT, the different instructions and terminology were tested in various ways. First, the research evaluated the use of different approaches for instruction wording used to collect data on race and ethnicity. The traditional instructions of "*Mark one or more boxes.*" was compared to "*Mark all boxes that apply. Note, more than one group may be selected.*" Second, the 2015 NCT research evaluated the use of different conceptual terms (e.g., race, origin, ethnicity, or no terms) in the wording of questions for collecting data on race and ethnicity. The use of "race" and "origin" as terminology (old instructions) were used to guide respondents to answer the question (e.g., "*What is Person 1's race or origin?*"). One alternative option tested the use of both the terms "ethnicity" along with "race" in the question stem and/or instructions (e.g., "*What is Person 1's race or ethnicity?*"). A second alternative option tested the

removal of the terms "race," "origin," and "ethnicity" from the question stem and instructions. Instead, a general approach asked, "*Which categories describe Person 1?*" These options were tested in order to determine whether we can improve the understanding of the question concept and reduce confusion among respondents by using different terms, or no terms at all, for the race and ethnicity question(s).

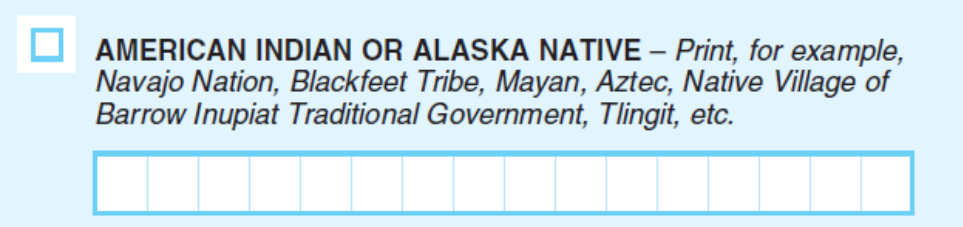
- The new instructions (*"Select all boxes that apply")* increased reporting of two or more race/ethnicity groups when compared to the old instructions (*"Select one or more boxes*").
- The new instructions increased the rate of consistency of multiple-responses when compared to the old instructions. There was no difference in the rate of consistency for any of the other major race/ethnicity groups.
- There was no difference in the prevalence of multiple group reporting amongst the three terminology types—Race/Origin, Race/Ethnicity, No Terms ("categories").
- There is no difference in the reporting of major race/ethnicity groups for any of the three terminology types—Race/Origin, Race/Ethnicity, No Terms ("categories"). There was no difference in detailed group reporting for any of the combinations of instructions and terminology.
- Only one major race/ethnicity group (AIAN alone or in combination) had a significant increase in reporting when the instructions were changed from old to new with the Race/Origin terminology. All other distributions were not significantly different. The reporting of SOR was not different for any combinations of instructions and terminology.

The results of this research indicate that it is optimal to use the new instructions to **"Mark all that apply"** (instruction wording for paper data collections) and to **"Select all that apply"** (instruction wording for Internet data collections). These new instructions performed as well, or in some instances better than, the old instructions to "Mark [*X*] one or more boxes" (instruction wording for paper data collections) or to "Select one or more boxes" (instruction wording for Internet data collections) for the reporting of multiple race/ethnicity groups. In addition, the new instructions yielded similar or higher consistency in the reporting of major race/ethnicity groups.

The results of this research in conjunction with previous qualitative research indicate that it is optimal to use the **Race/Ethnicity** terminology for the combined question. The terminology approach with "Race/Ethnicity" and the use of question approaches where no terms were employed ("categories") both performed as well as the Race/Origin question terminology. But a decision needed to be made about which terminology should be employed for future data collections. NCT cognitive and usability research indicated that the use of "categories" in data collections conducted in Spanish caused some confusion among Spanish-speaking respondents who thought "categories" presented a more hierarchical ordering of groups rather than a list of options.

Additional findings from this research indicate that it is optimal to use **one write-in line to collect detailed AIAN responses**, rather than the three conceptual checkboxes and a write-in line, on paper questionnaires. This research showed that the introduction of conceptual checkboxes (i.e., American Indian, Alaska Native, and Central/South American Indian) decreased detailed reporting for the AIAN category in paper data collections.

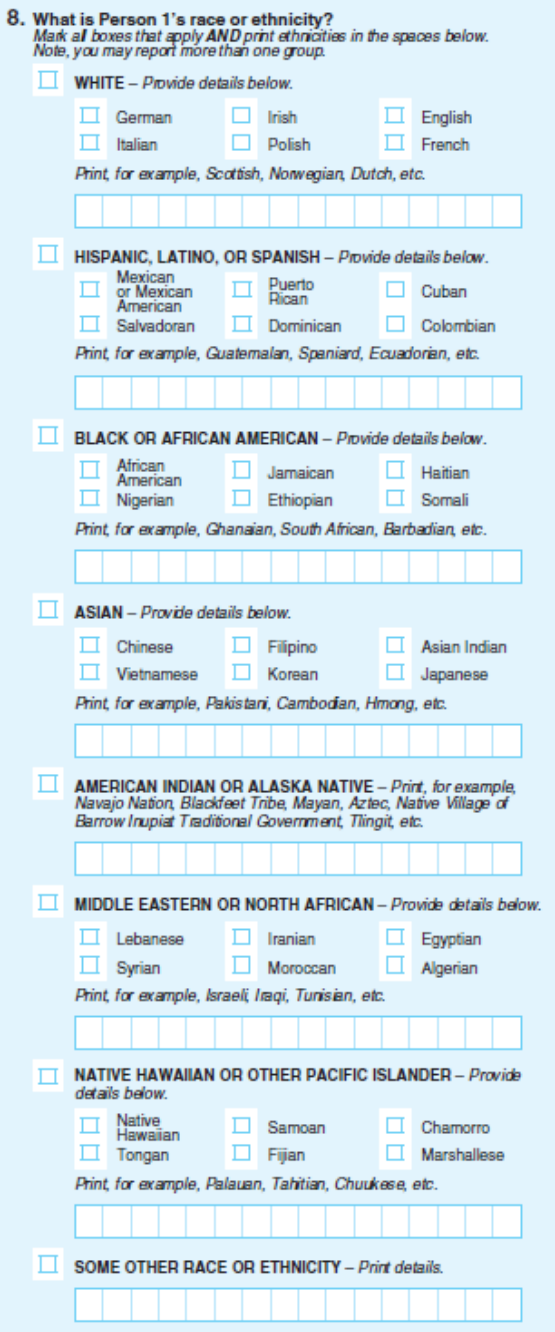
Figure 25. Optimal AIAN Category Design for Paper Questionnaires



Overall, the 2015 NCT results build on the successes of the 2010 AQE research. This includes, showing no changes to distributions for major groups; obtaining decreased reporting of "Some Other Race"; achieving lower item nonresponse for the combined race/ethnicity question than for the separate race question; and gaining higher overall consistency of race/ethnicity reporting for Hispanics. Yet while the NCT research obtained similar promising results like AQE, it also yielded a very important improvement on the 2010 AQE research—with a new combined question design that obtained the same or higher levels of detailed reporting across all groups, including for Hispanics and Asians, through the use of a combined question with detailed checkbox design and innovative web-based designs. Additionally, with the NCT we tested and found ways to improve respondent understanding of the options to report multiple race and ethnic groups, thus obtaining more accurate data to reflect racial/ethnic self-identification.

All of the optimal questionnaire designs just described support the research objectives by giving respondents the ability to report their full racial/ethnic identities. Figure 26 shows all optimal elements for collecting race/ethnicity data together in one question. This question asks about race and ethnicity in one combined question with detailed checkboxes, includes a dedicated MENA response option, uses the new instructions to "Mark all that apply," and uses the terms "Race/Ethnicity." This extensive research successfully builds upon years of empirical research, outreach, and engagement with advisors, stakeholders, and the public.

Figure 26. Optimal Elements from 2015 NCT Research



8. **What is Person 1's race or ethnicity?**
*Mark all boxes that apply **AND** print ethnicities in the spaces below.*
Note, you may report more than one group.

☐ **WHITE** – *Provide details below.*
☐ German ☐ Irish ☐ English
☐ Italian ☐ Polish ☐ French
Print, for example, Scottish, Norwegian, Dutch, etc.

☐ **HISPANIC, LATINO, OR SPANISH** – *Provide details below.*
☐ Mexican or Mexican American ☐ Puerto Rican ☐ Cuban
☐ Salvadoran ☐ Dominican ☐ Colombian
Print, for example, Guatemalan, Spaniard, Ecuadorian, etc.

☐ **BLACK OR AFRICAN AMERICAN** – *Provide details below.*
☐ African American ☐ Jamaican ☐ Haitian
☐ Nigerian ☐ Ethiopian ☐ Somali
Print, for example, Ghanaian, South African, Barbadian, etc.

☐ **ASIAN** – *Provide details below.*
☐ Chinese ☐ Filipino ☐ Asian Indian
☐ Vietnamese ☐ Korean ☐ Japanese
Print, for example, Pakistani, Cambodian, Hmong, etc.

☐ **AMERICAN INDIAN OR ALASKA NATIVE** – *Print, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Tlingit, etc.*

☐ **MIDDLE EASTERN OR NORTH AFRICAN** – *Provide details below.*
☐ Lebanese ☐ Iranian ☐ Egyptian
☐ Syrian ☐ Moroccan ☐ Algerian
Print, for example, Israeli, Iraqi, Tunisian, etc.

☐ **NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER** – *Provide details below.*
☐ Native Hawaiian ☐ Samoan ☐ Chamorro
☐ Tongan ☐ Fijian ☐ Marshallese
Print, for example, Palauan, Tahitian, Chuukese, etc.

☐ **SOME OTHER RACE OR ETHNICITY** – *Print details.*

6.2 Next Steps

After issuing this report in early 2017, the Census Bureau Director, NCT researchers, and executive staff will continue to meet with advisors and stakeholders about this important research. These engagements will provide opportunities to discuss the NCT results and receive feedback. We will discuss the different design elements that the 2015 NCT research found to perform best. Together, these elements form a question design with a combined question format with detailed checkboxes, a dedicated MENA response category, new instructions, and race/ethnicity terminology. Each of these design features supported the

research objectives of increasing reporting within standard OMB categories, decreasing item nonresponse, improving accuracy and reliability, and achieving similar or higher levels of detailed reporting for all major groups.

In addition, we will continue discussions with our advisors, stakeholders, and the public about how we are planning to test alternative detailed checkboxes and examples for a potential MENA category. We will explore designs that reflect the feedback we have received from stakeholders. This feedback includes using an "Israeli" checkbox and using a transnational group, such as "Kurdish," as an example to help represent the broad diversity of the Middle Eastern and North African population. This work will also help to inform current discussions that are taking place with OMB and the public about the possibility of formulating a new MENA response category.

Figure 27. Revised MENA Detailed Checkboxes and Examples

As part of our ongoing work with OMB, the Census Bureau and other agencies will be in dialogues about the NCT results, other data inputs, and feedback from the public through the Federal Register Notice process to discuss and develop solutions that the Working Group will recommend to OMB. Ultimately, OMB will decide how to move forward with guidance on question format for race and ethnicity.

In the summer of 2017, the Census Bureau will share the findings from the 2015 NCT with the public. The final question wording on the 2020 Census content must be submitted to Congress by April 2018. This extensive 2015 NCT study has successfully built upon years of empirical research. Coupled with collaboration, outreach, and engagement, this research will help ensure the Census Bureau is in the best position to collect and produce the highest quality statistics about our nation's diverse population.

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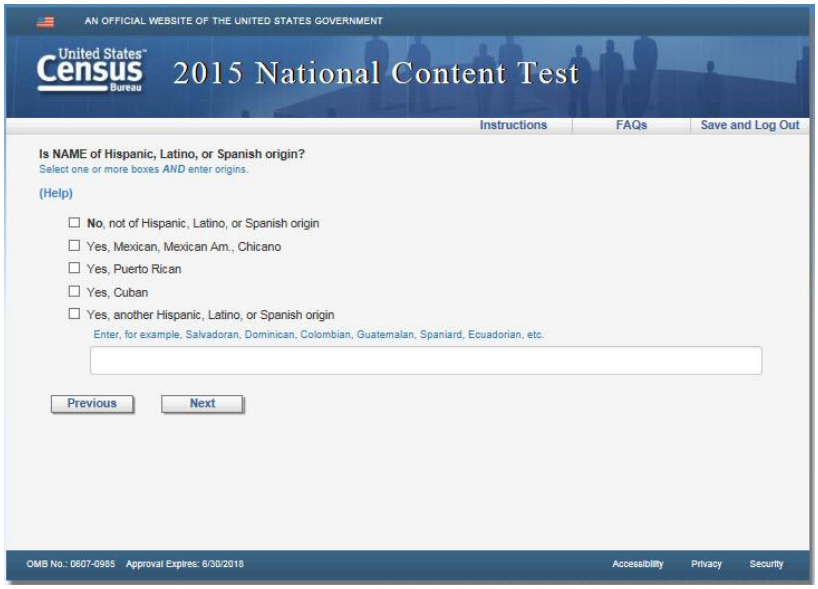
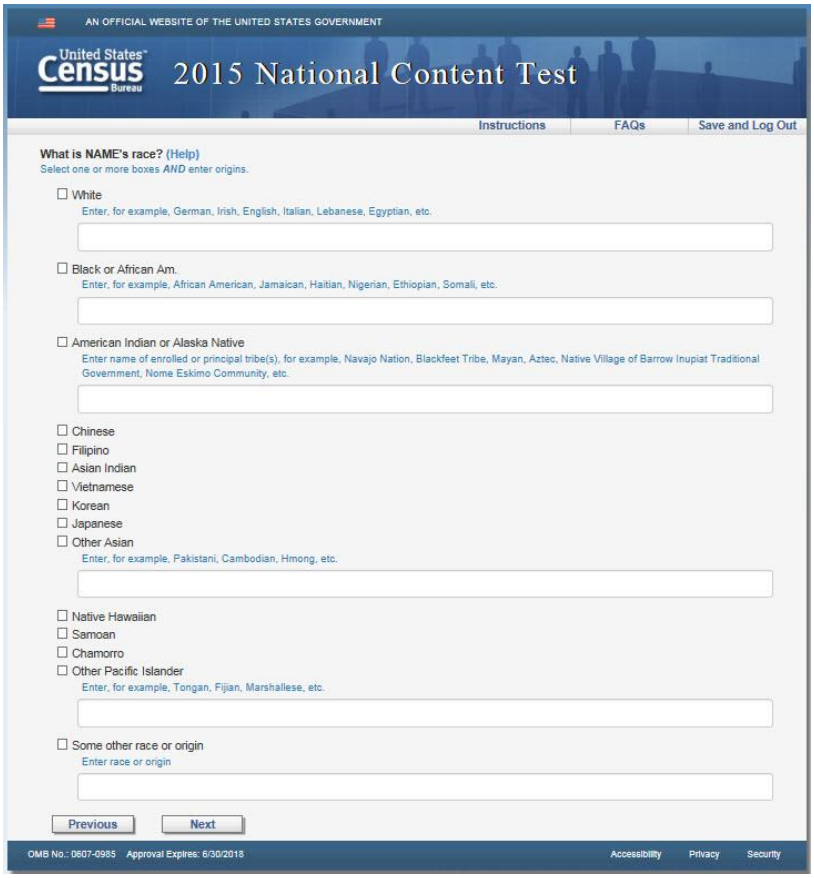
9. Appendices

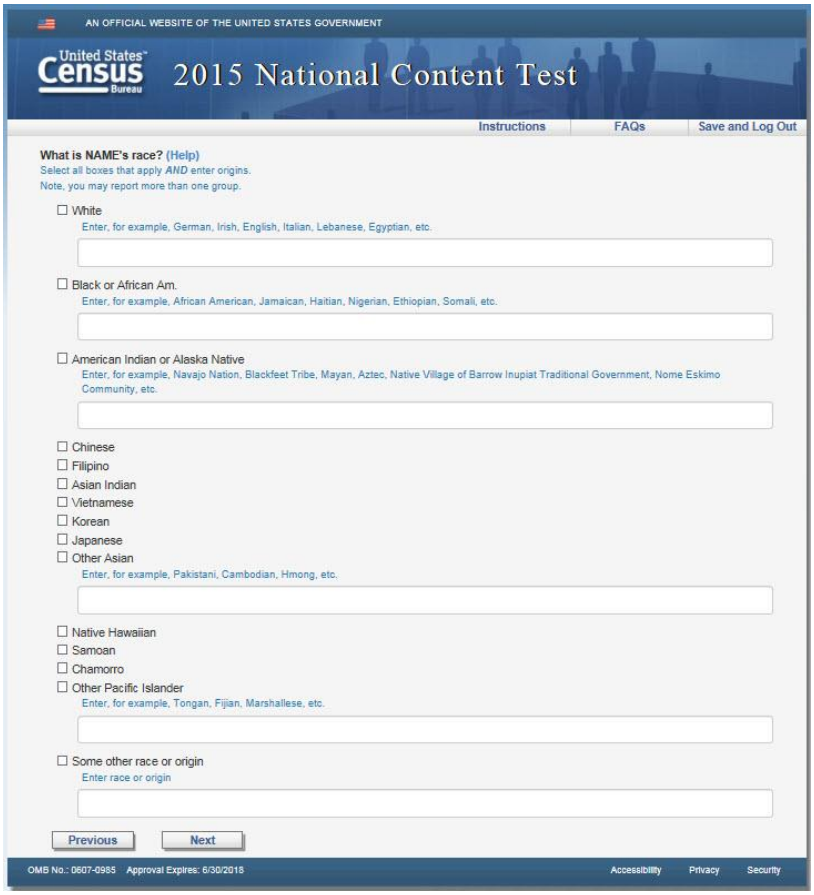
Appendix A. 2015 NCT Web-Based Question Designs
PANELS 1 through 12: Separate Question | No Branching

Race 1 -- Separate Question, without MENA,
with "Origin," with original instruction (CONTROL w/old AIAN instruction)

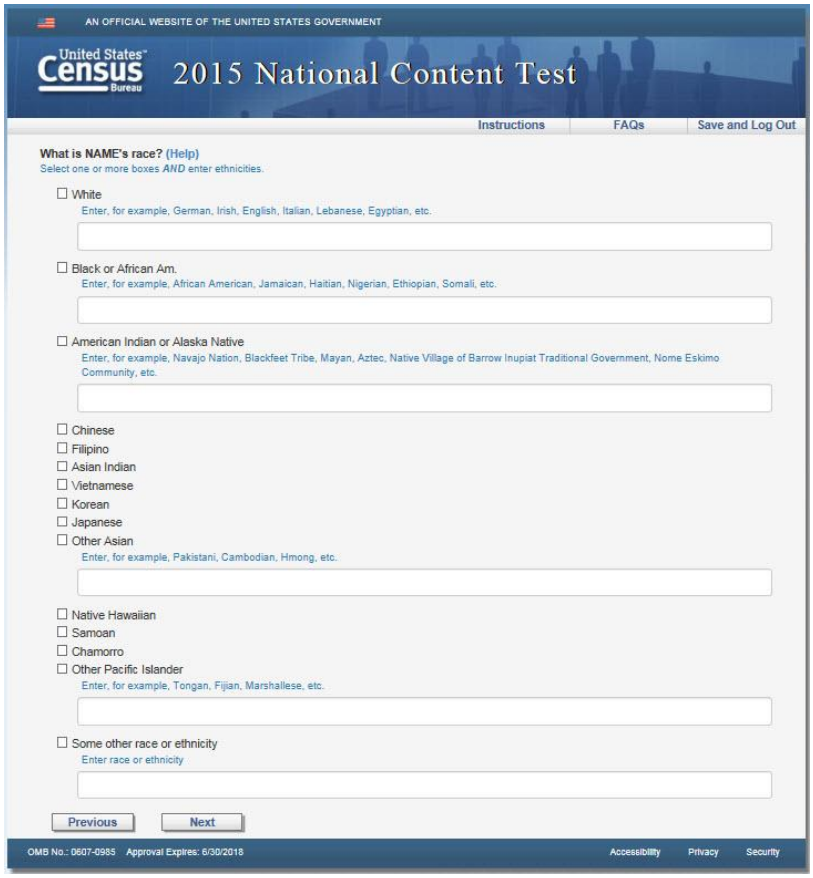




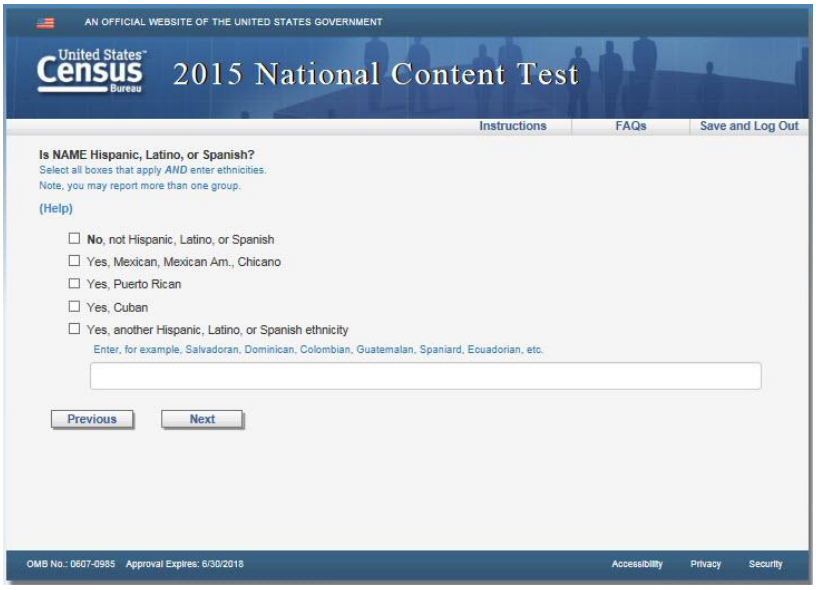
Race 2 -- Separate Question, without MENA, with "Origin," with new instruction

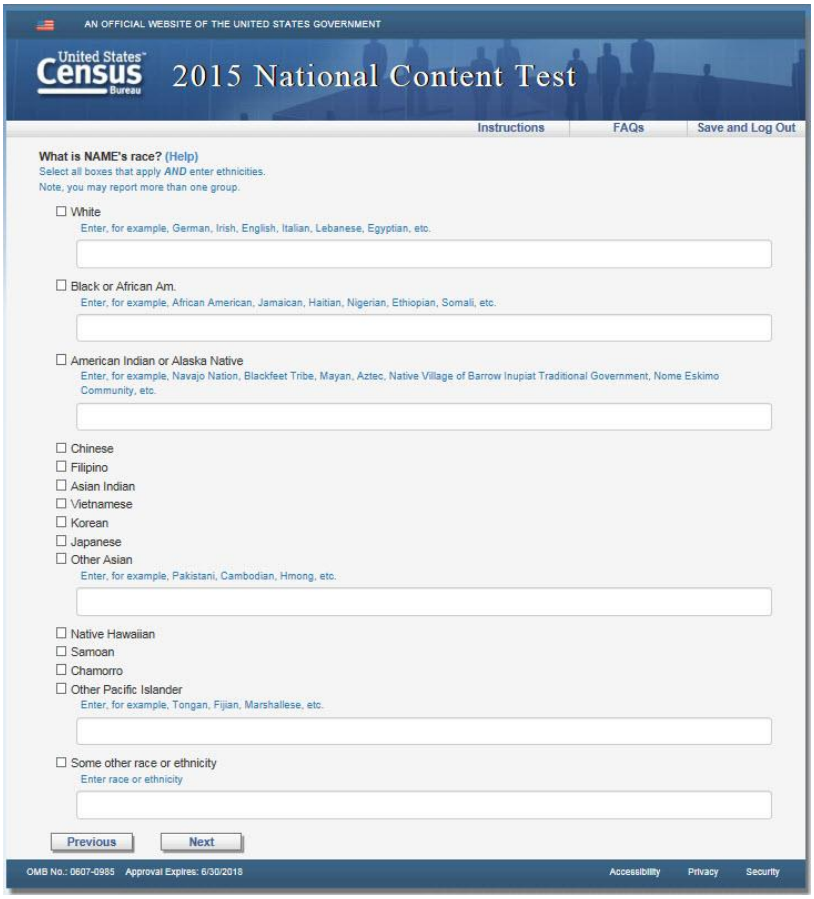


Race 3 -- Separate Question, without MENA, with "Ethnicity," with original instruction

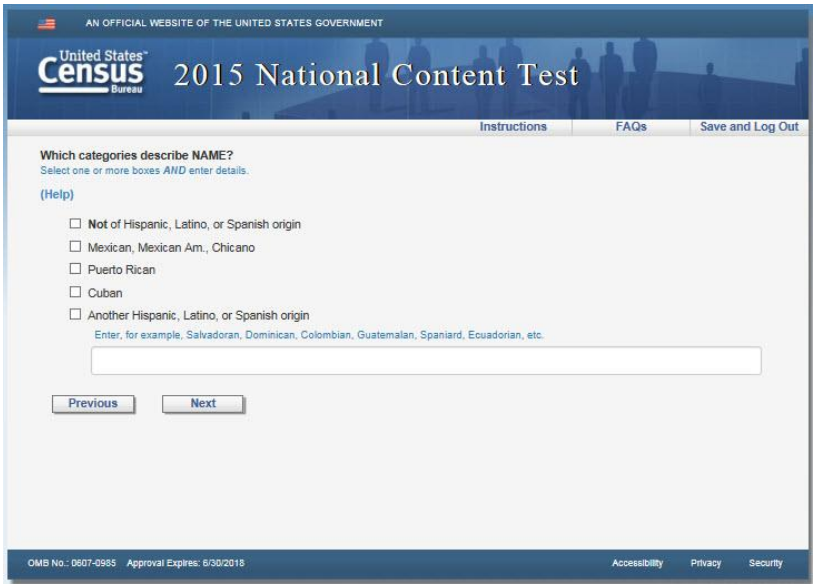


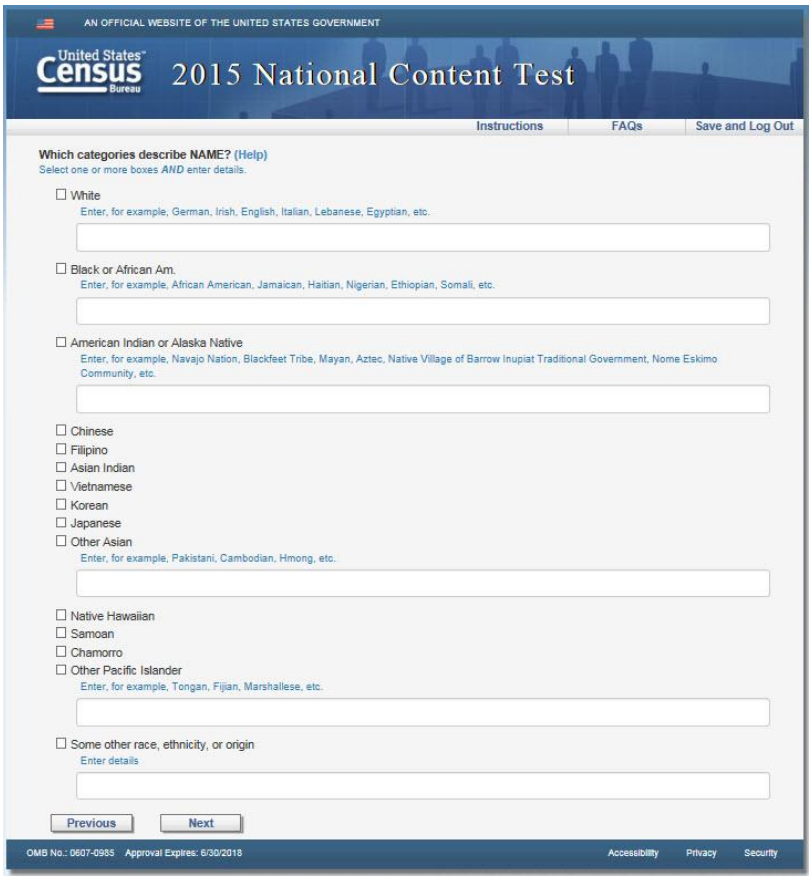
Race 4 -- Separate Question, without MENA, with "Ethnicity," with new instruction



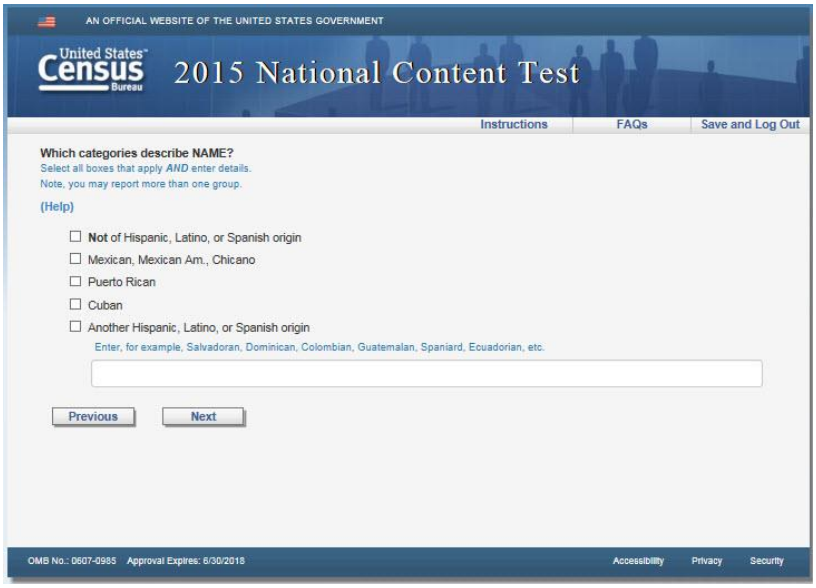


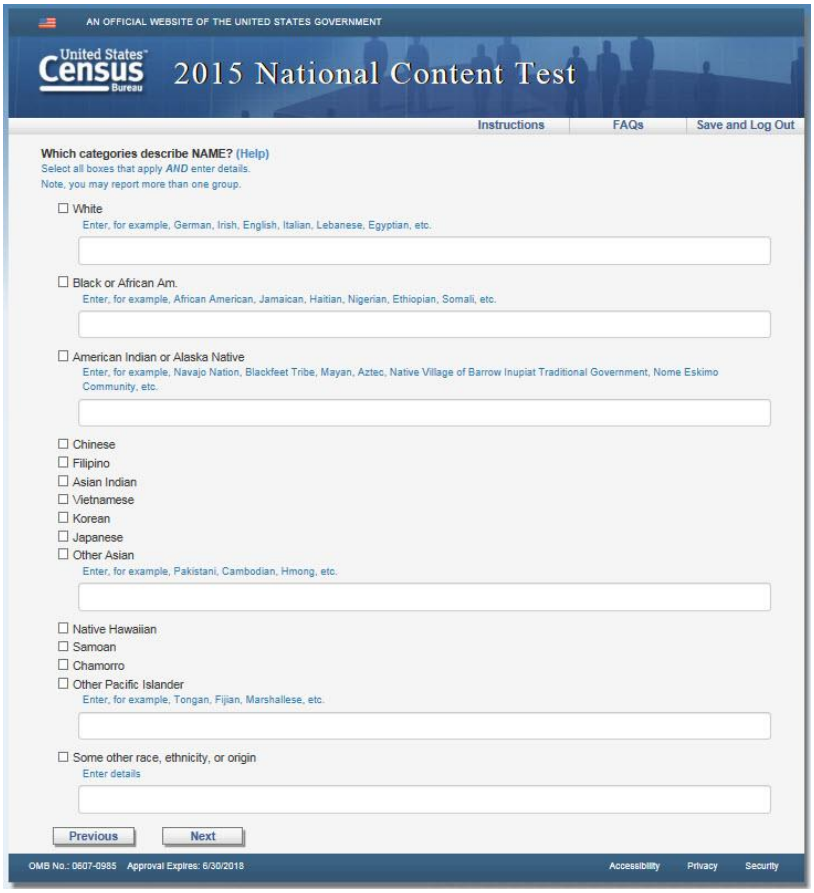
Race 5 -- Separate Question, without MENA,
with "Which categories describe this person," with original instruction



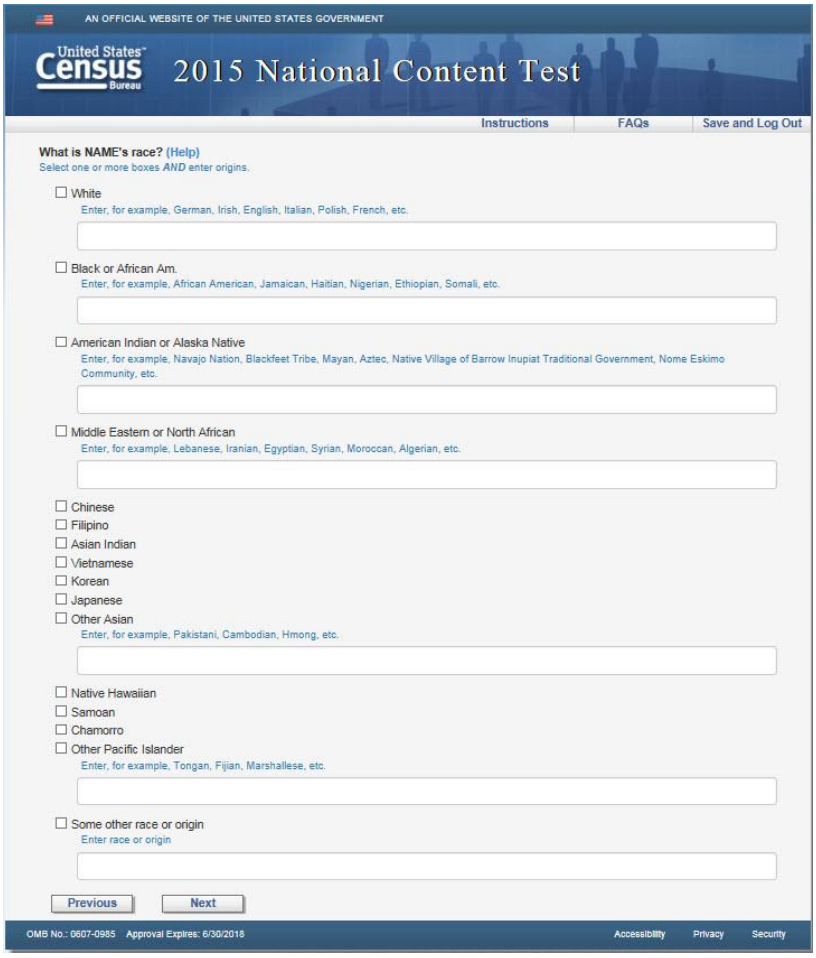


Race 6 -- Separate Question, without MENA,
with "Which categories describe this person," with new instruction

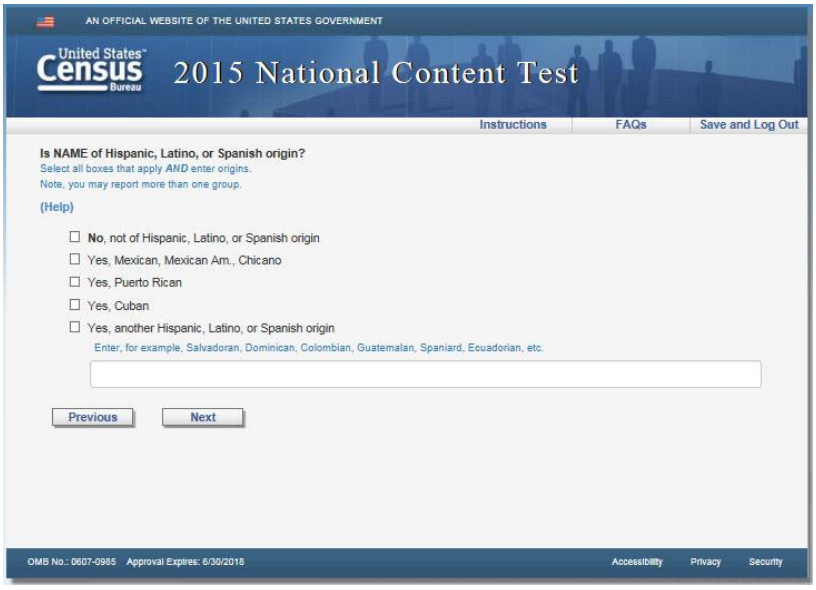


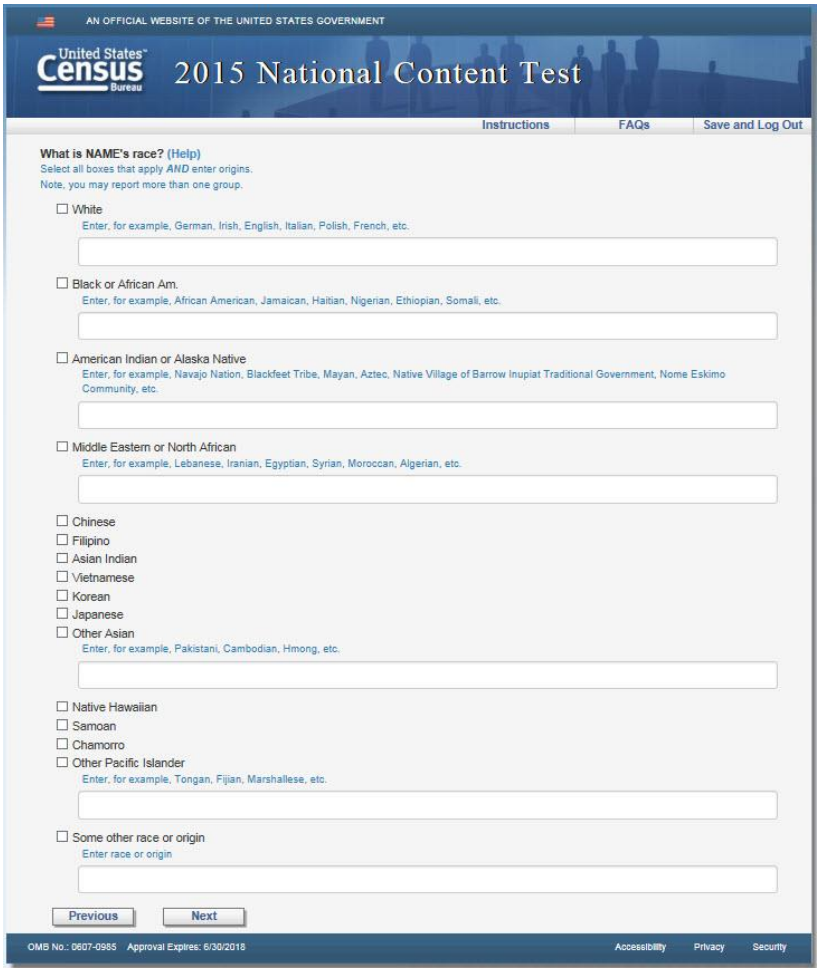


Race 7 -- Separate Question, with MENA, with "Origin," with original instruction



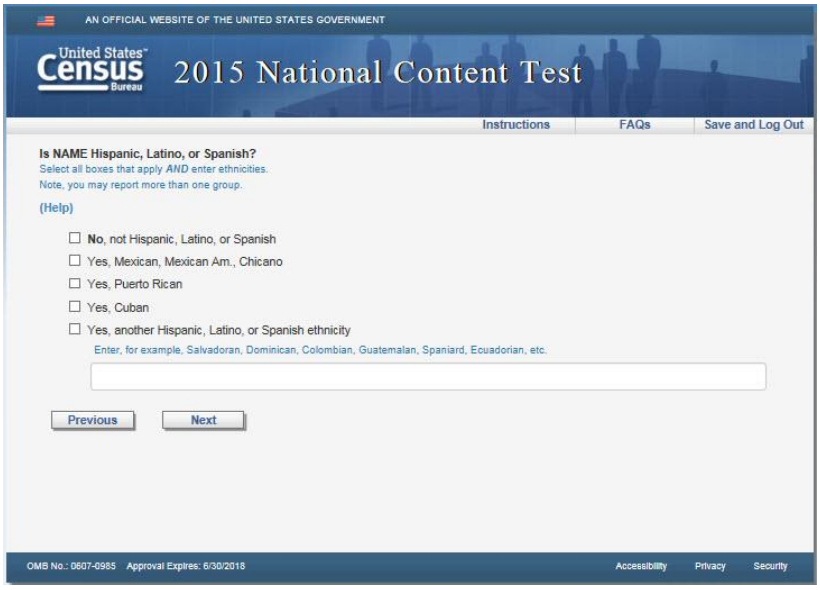
Race 8 -- Separate Question, with MENA, with "Origin," with new instruction

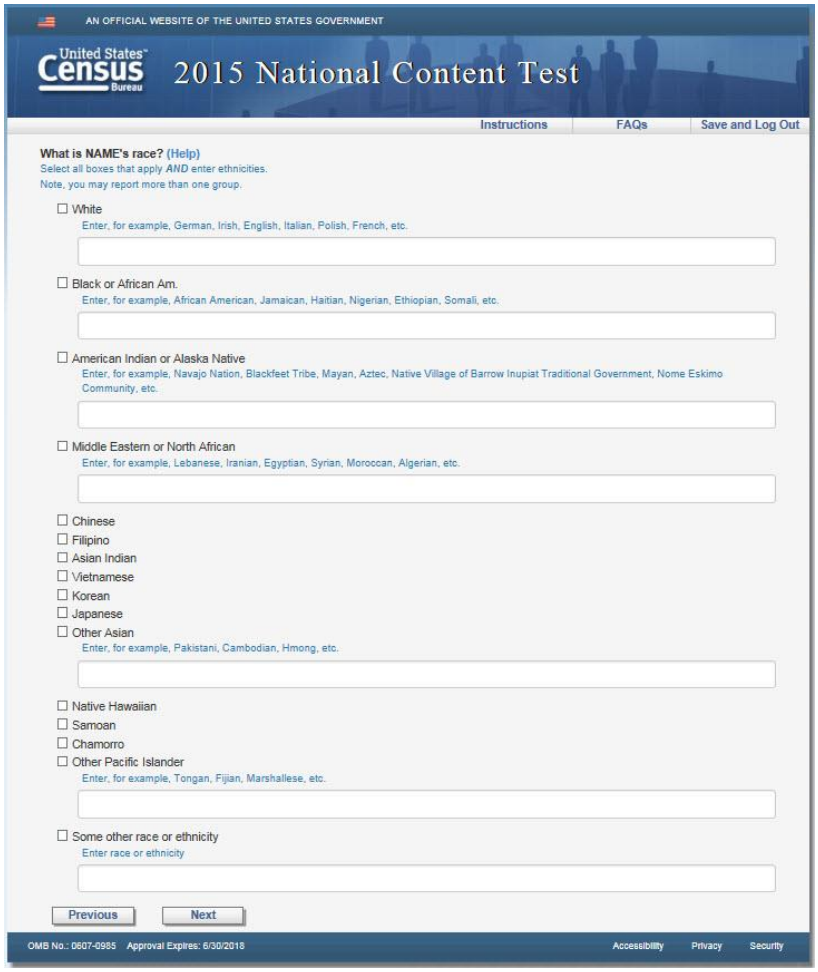




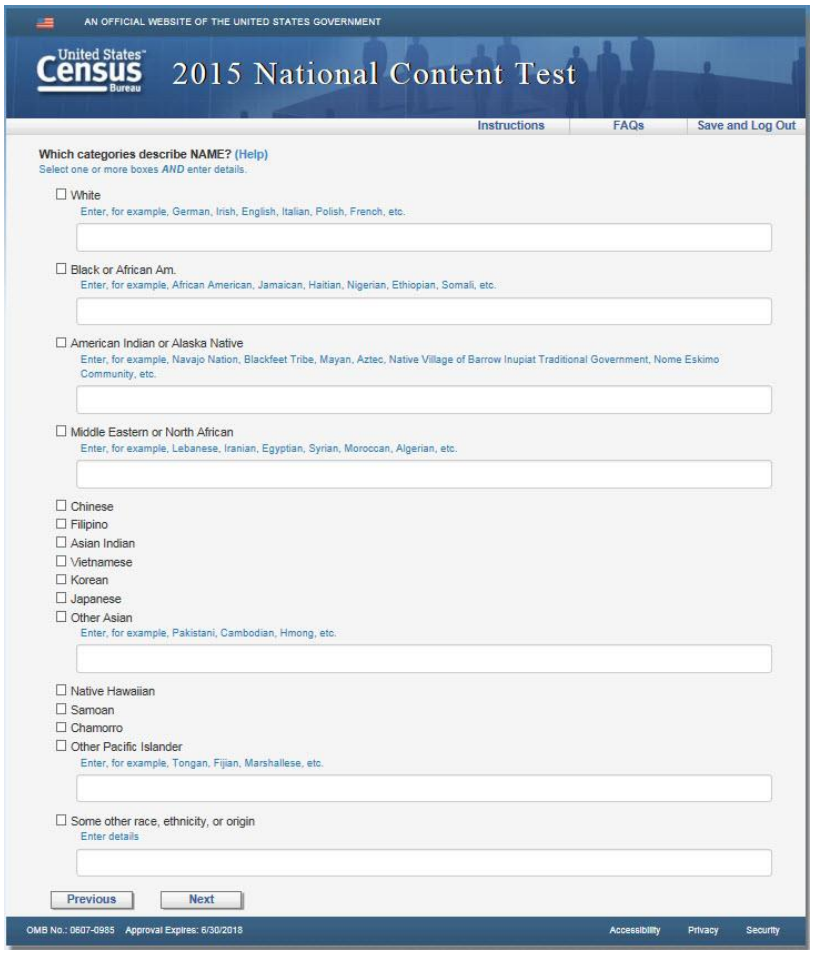
Race 9 -- Separate Question, with MENA, with "Ethnicity," with original instruction

Race 10 -- Separate Question, with MENA, with "Ethnicity," with new instruction

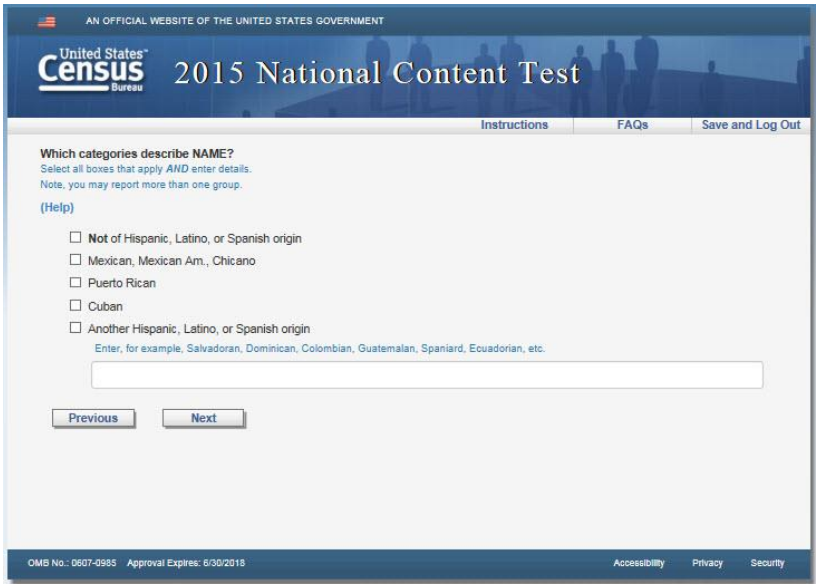


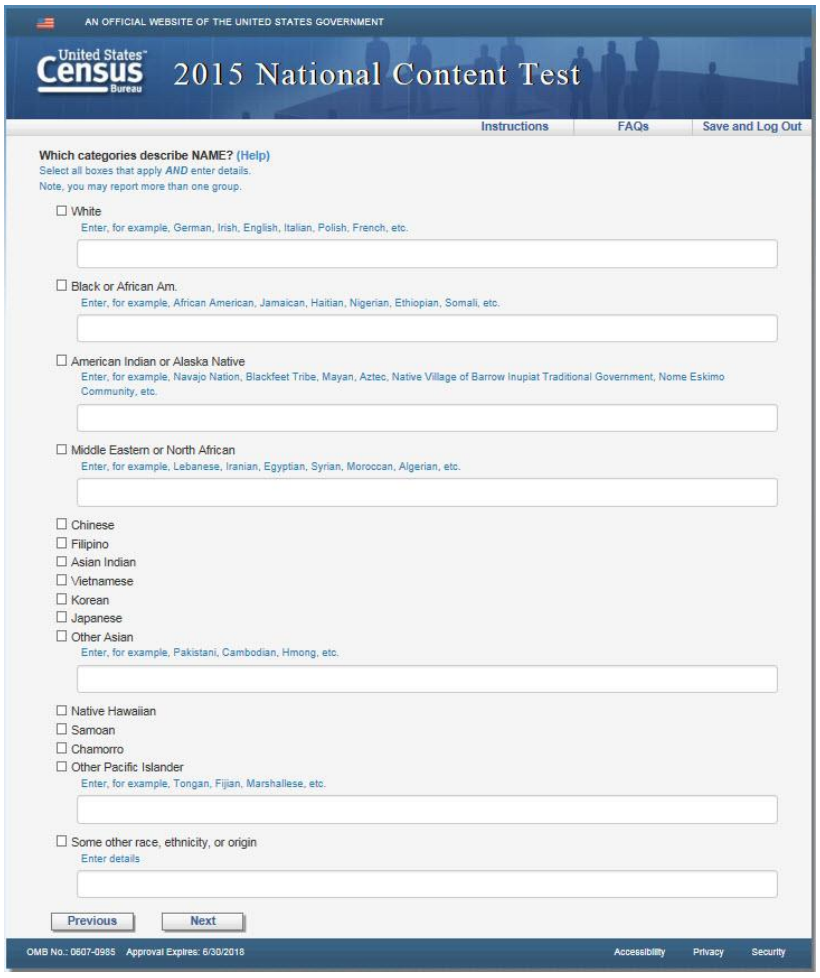


Race 11 -- Separate Question, with MENA,
with "Which categories describe this person," with original instruction



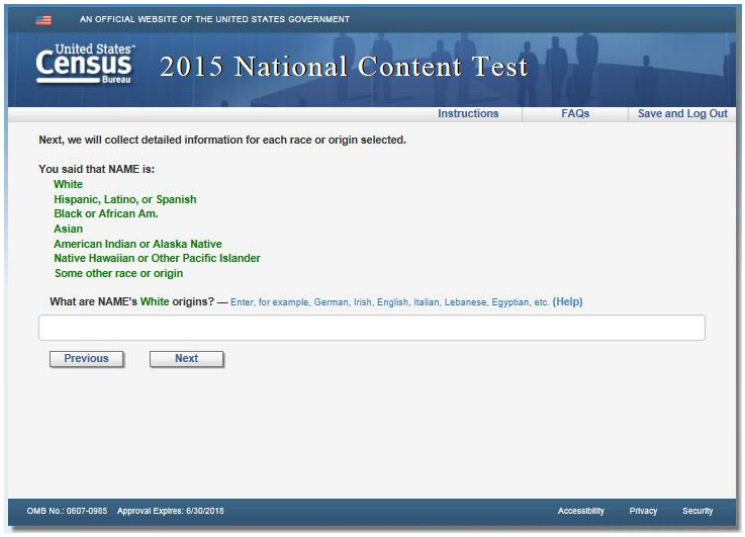
Race 12 -- Separate Question, with MENA,
with "Which categories describe this person," with new instruction





PANELS 13 through 24: Combined Question 1 – Branching With Write-In Screens

***Race 13* -- Combined with Write-Ins, without MENA, with "Origin," with original instruction (CONTROL w/old AIAN instruction)**

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Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Hispanic, Latino, or Spanish origins? — Enter, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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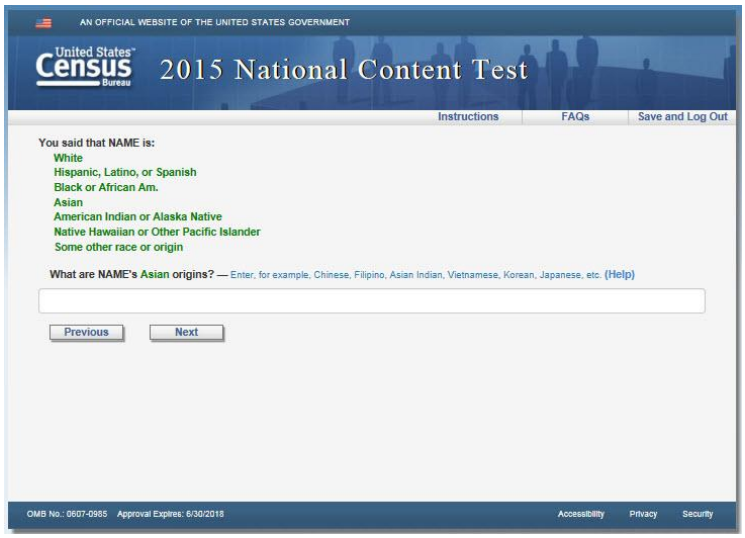
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
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White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — Enter name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
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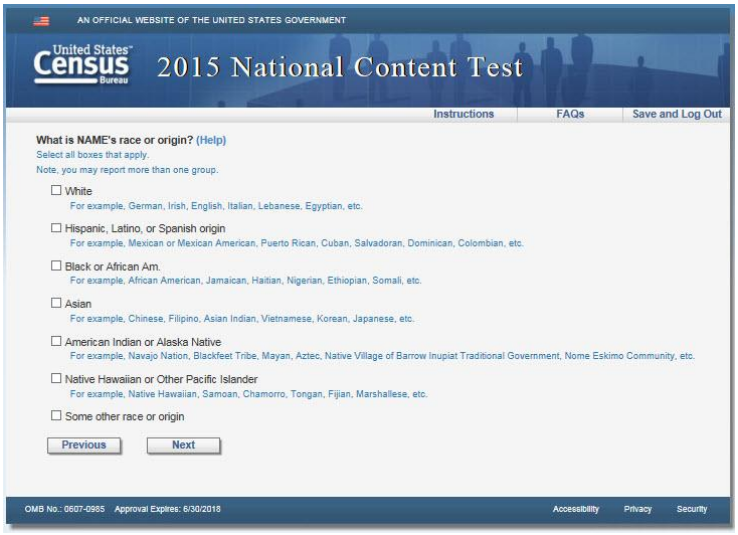
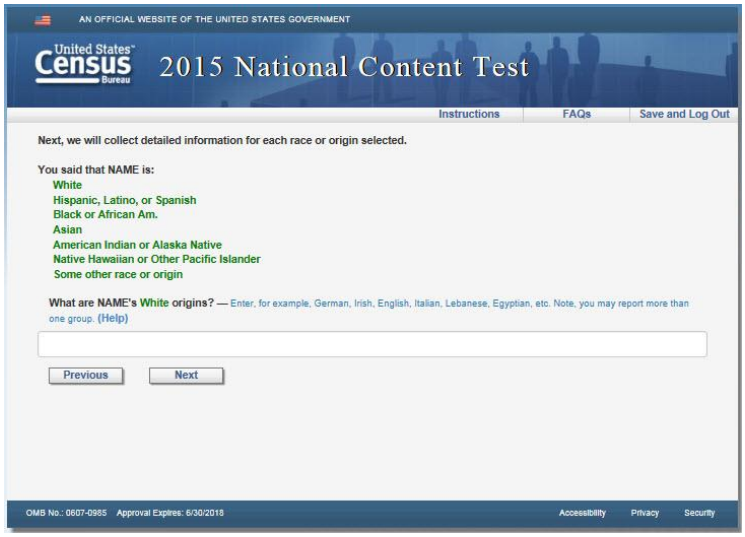
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 14 -- Combined with Write-Ins, without MENA, with "Origin," with new instruction



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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
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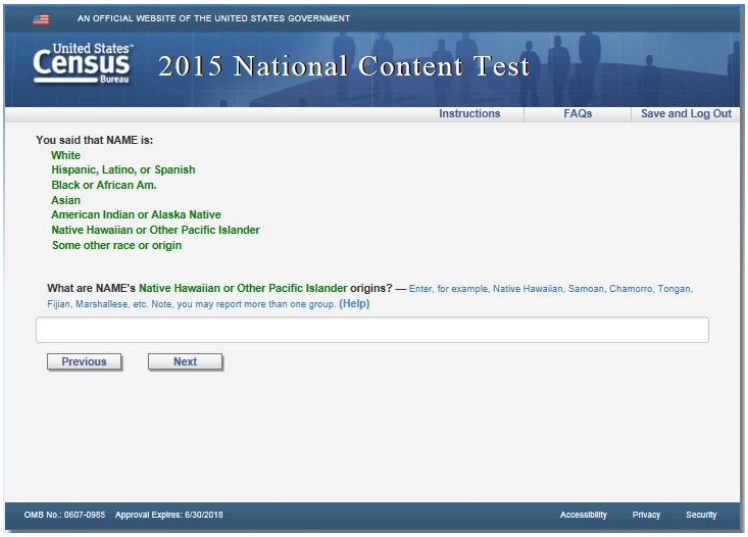
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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Instructions
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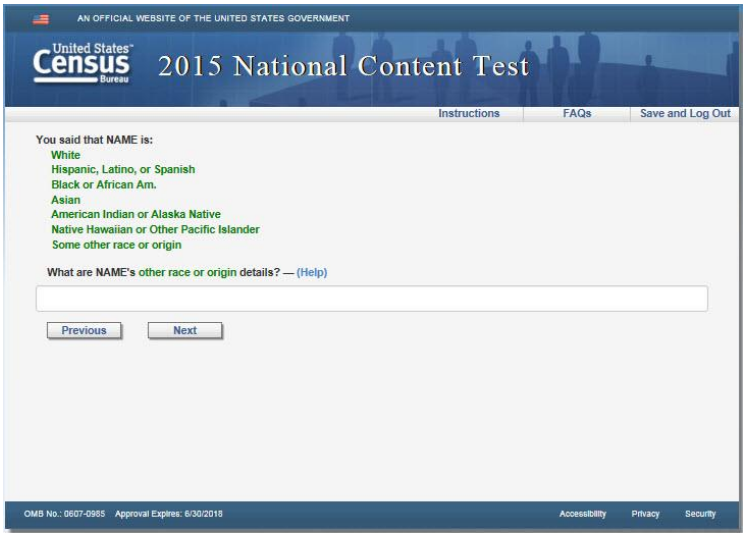
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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United States Census Bureau
2015 National Content Test
Instructions
FAQs
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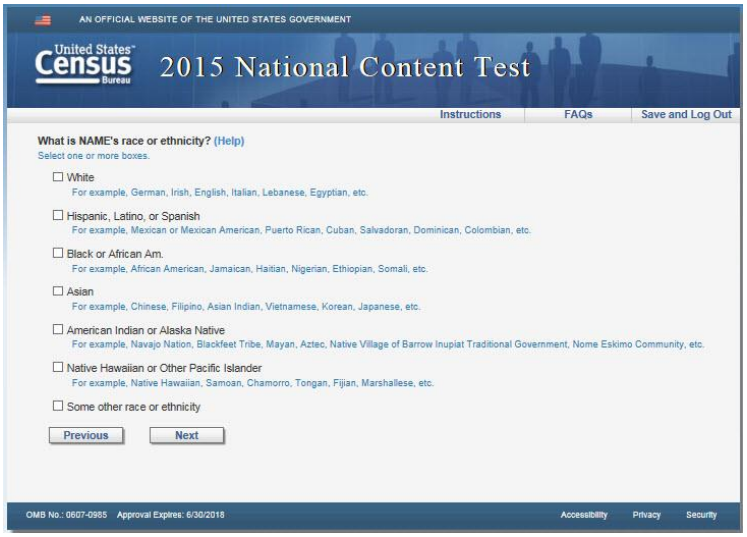
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 15 -- Combined with Write-Ins, without MENA, with "Ethnicity," with original instruction

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2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 16 -- Combined with Write-Ins, without MENA, with "Ethnicity," with new instruction


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2015 National Content Test
Instructions
FAQs
Save and Log Out
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White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
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White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
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White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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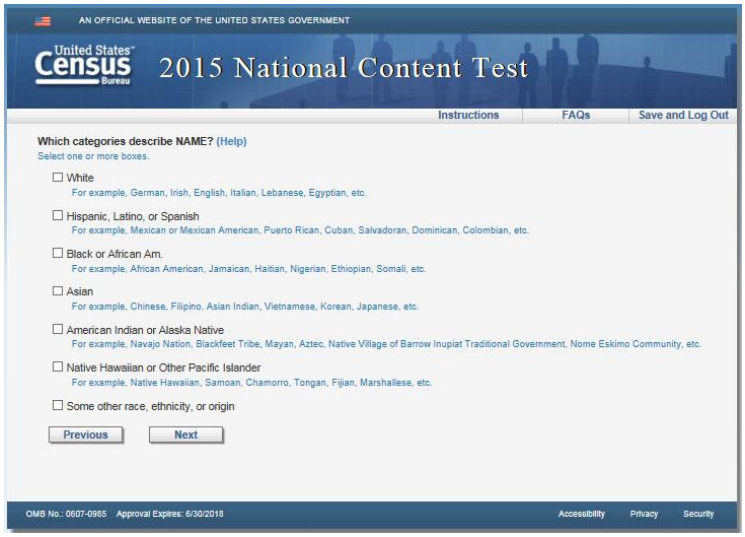
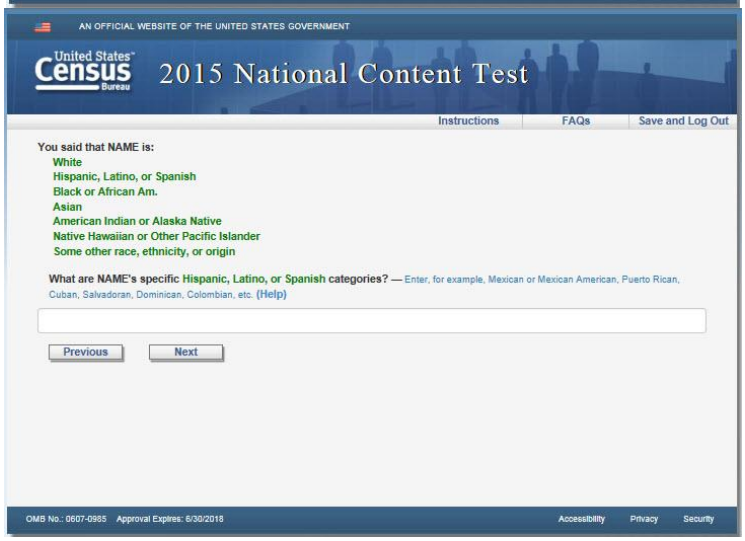
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 17 -- Combined with Write-Ins, without MENA,
with "Which categories describe this person," with original instruction



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Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
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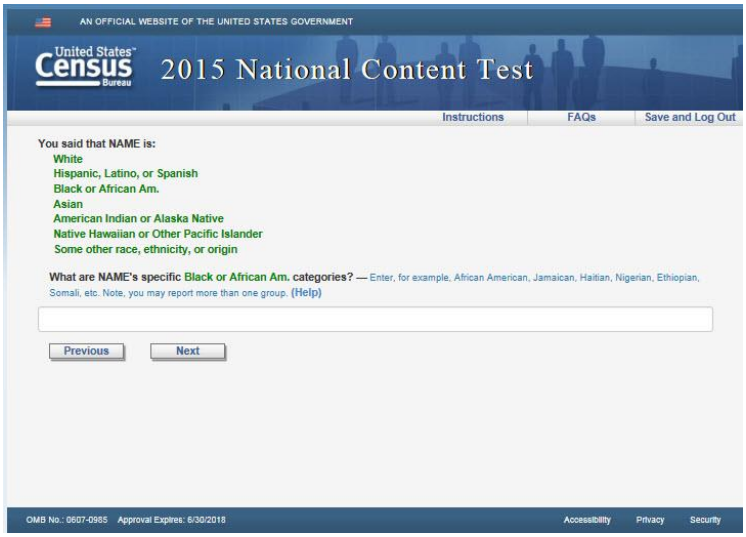
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

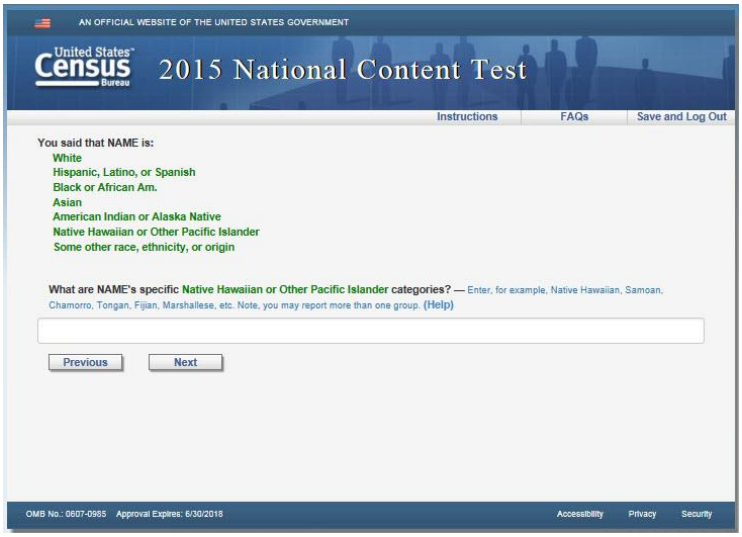
Race 18 -- Combined with Write-Ins, without MENA,
with "Which categories describe this person," with new instruction


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Hispanic, Latino, or Spanish categories? — Enter, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

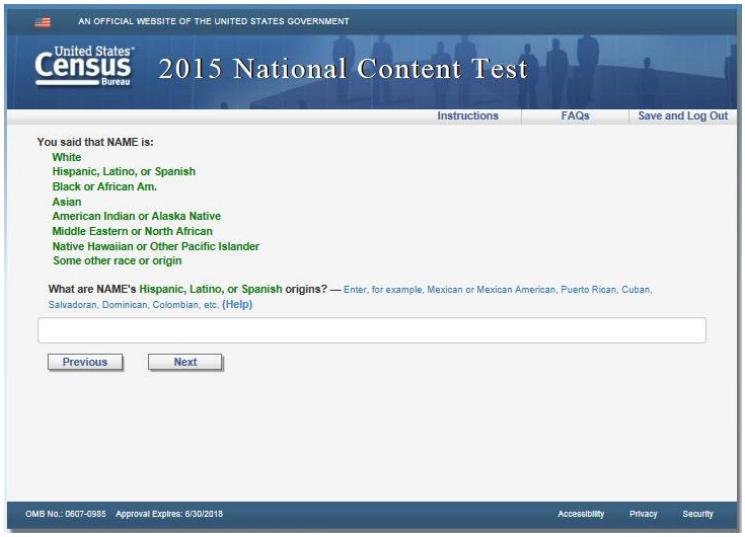

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 19 -- Combined with Write-Ins, with MENA, with "Origin," with original instruction




AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Middle Eastern or North African origins? — Enter, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

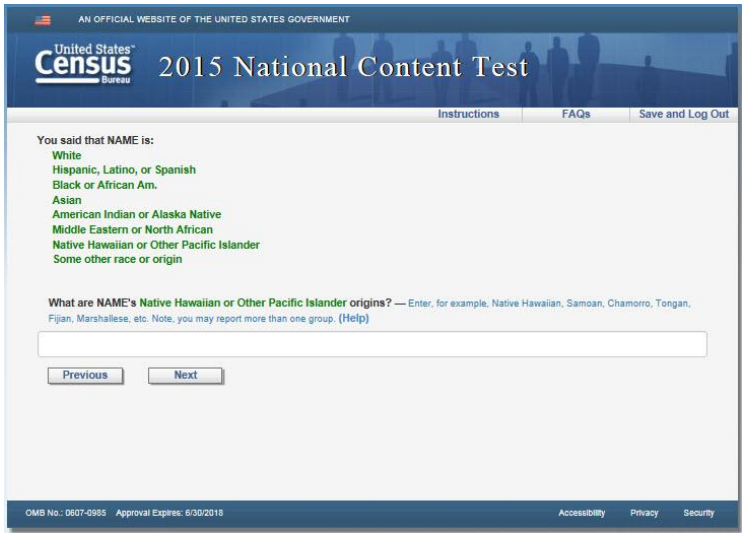
Race 20 -- Combined with Write-Ins, with MENA, with "Origin," with new instruction


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Middle Eastern or North African origins? — Enter, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 21 -- Combined with Write-Ins, with MENA, with "Ethnicity," with original instruction

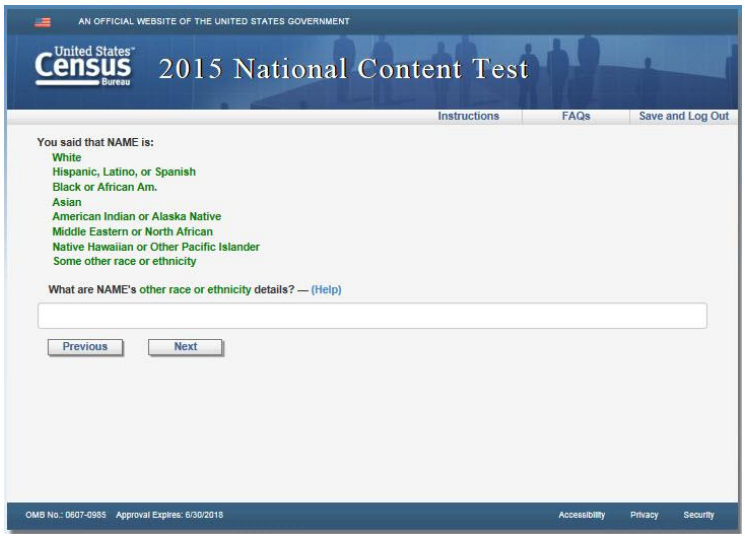

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Middle Eastern or North African ethnicities? — Enter, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 22 -- Combined with Write-Ins, with MENA, with "Ethnicity," with new instruction


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Middle Eastern or North African ethnicities? — Enter, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 23 -- Combined with Write-Ins, with MENA,
with "Which categories describe this person," with original instruction

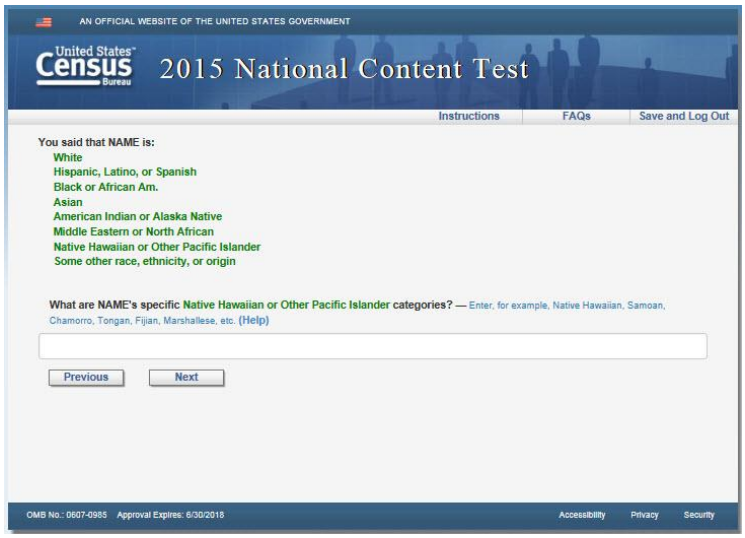

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Hispanic, Latino, or Spanish categories? — Enter, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Middle Eastern or North African categories? — Enter, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Previous
Next
OMB No.: 0607-0955 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 24 -- Combined with Write-Ins, with MENA,
with "Which categories describe this person," with new instruction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2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Hispanic, Latino, or Spanish categories? — Enter, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0955 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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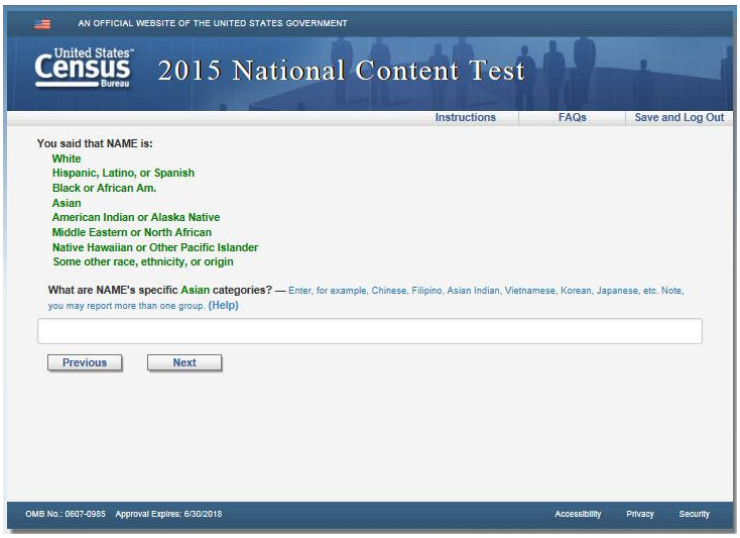
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Enter, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0955 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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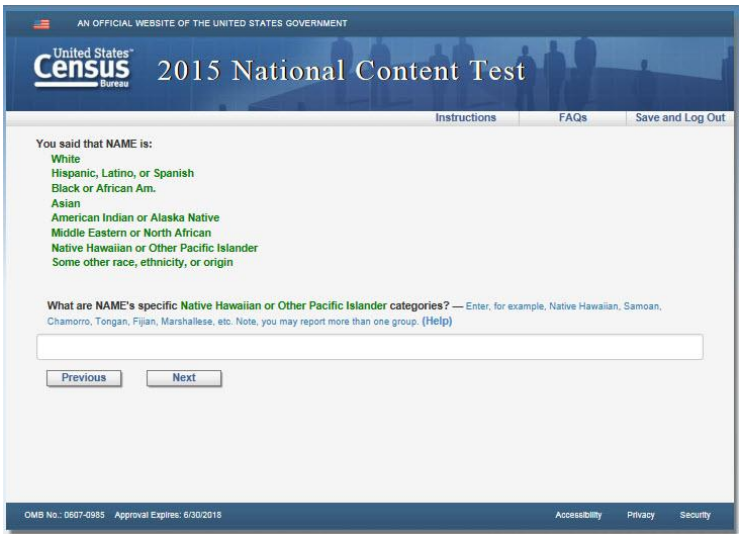
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Enter, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0955 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — Enter, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Middle Eastern or North African categories? — Enter, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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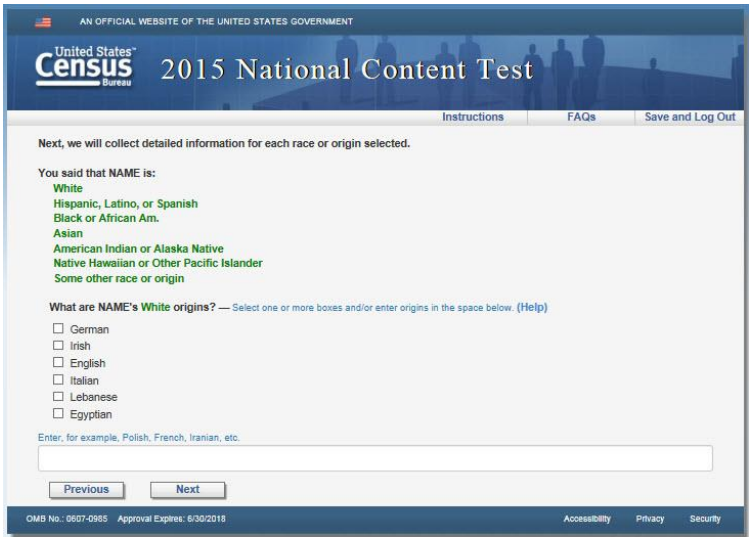
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Enter, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc. Note, you may report more than one group. (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

PANELS 25 through 36: Combined Question 2 – Branching With Detailed Checkbox Screens

Race 25 -- Combined with Checkboxes, without MENA, with "Origin," with original instruction (CONTROL w/old AIAN instruction)

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2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Hispanic, Latino, or Spanish origins? — Select one or more boxes and/or enter origins in the space below. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Select one or more boxes and/or enter origins in the space below. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Select one or more boxes and/or enter origins in the space below. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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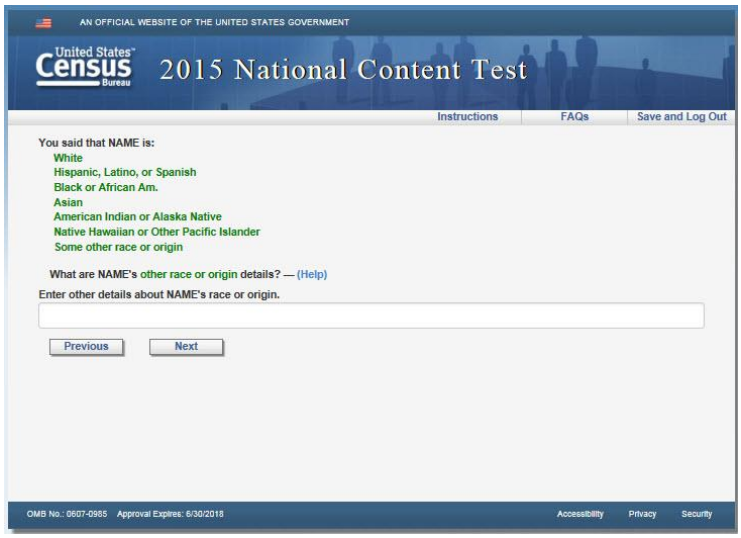
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — Enter name of enrolled or principal tribe(s). (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Select one or more boxes and/or enter origins in the space below. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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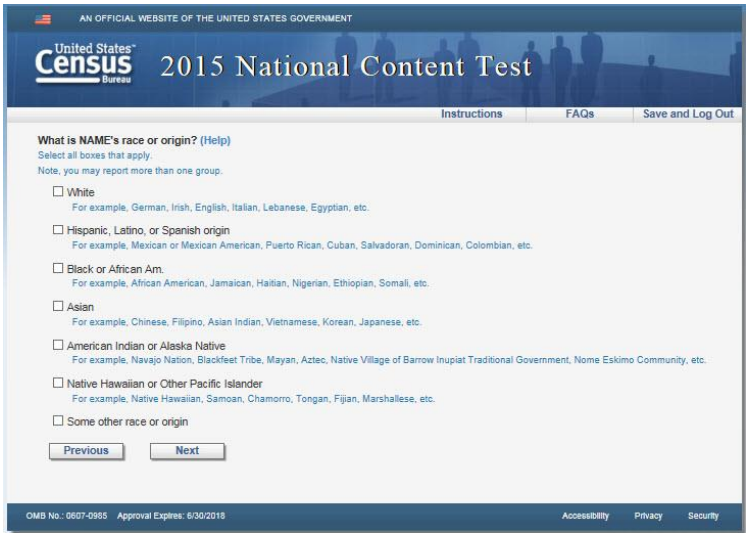
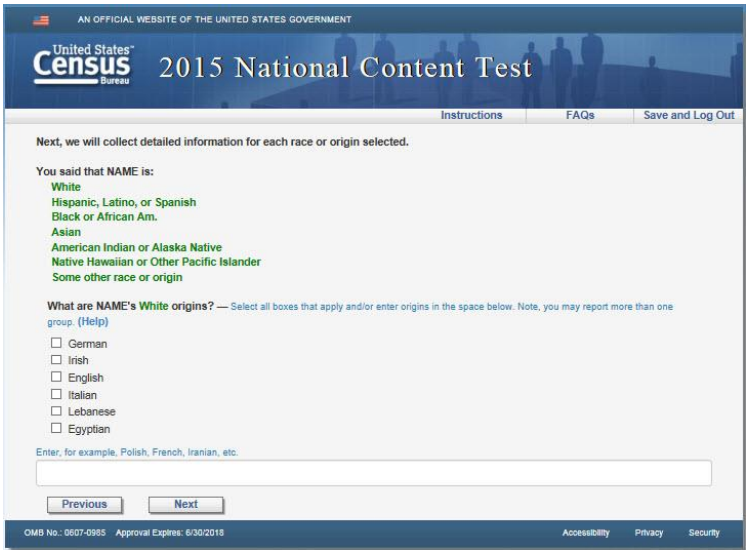
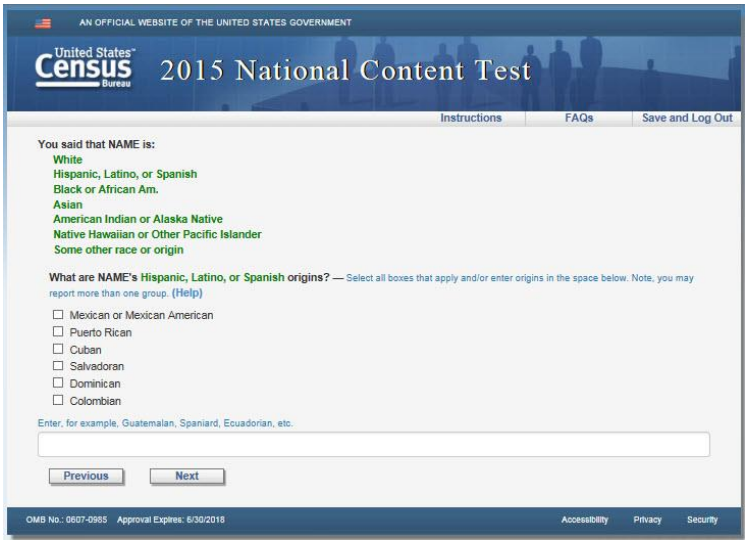
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Enter other details about NAME's race or origin.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 26 -- Combined with Checkboxes, without MENA, with "Origin," with new instruction



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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Hispanic, Latino, or Spanish origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Select all boxes that apply and/or enter origins in the space below.
Note, you may report more than one group. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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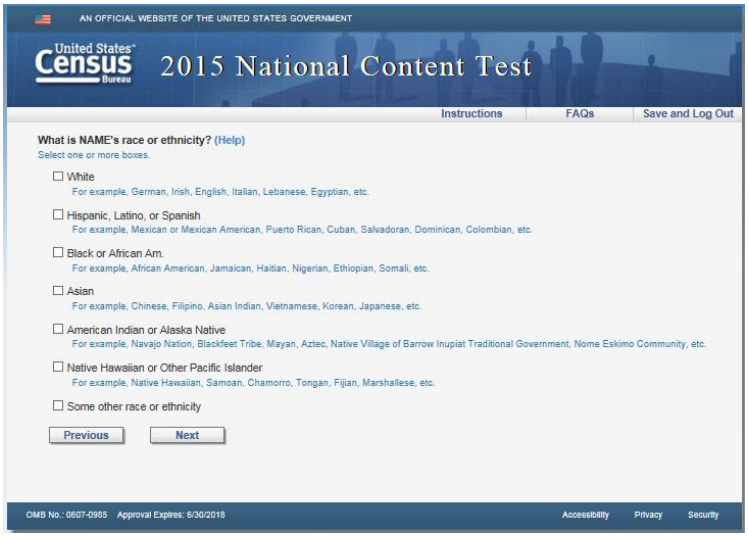
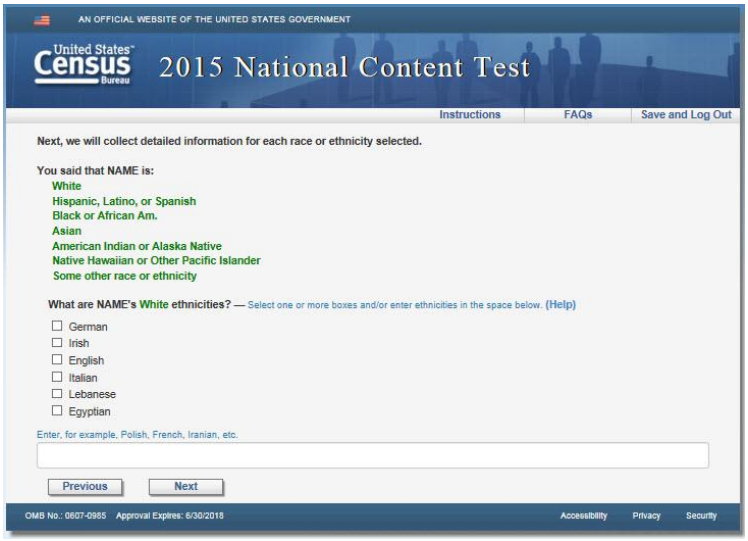
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Enter other details about NAME's race or origin.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 27 -- Combined with Checkboxes, without MENA, with "Ethnicity," with original instruction



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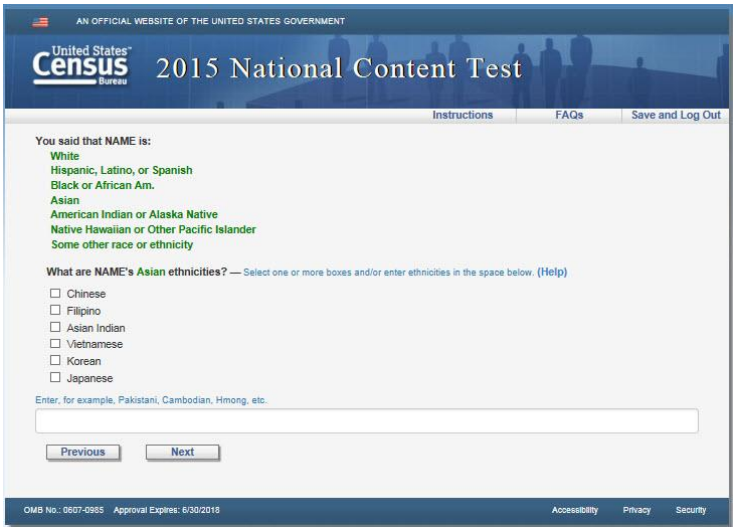
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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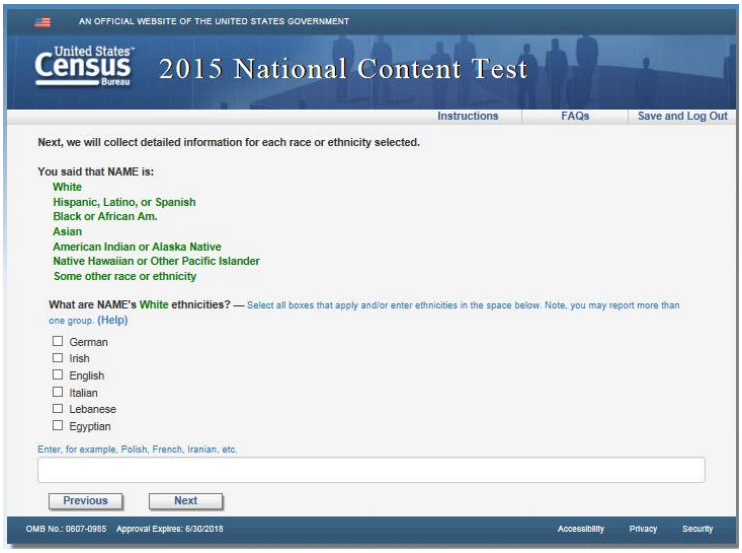
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Enter other details about NAME's race or ethnicity.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 28 -- Combined with Checkboxes, without MENA, with "Ethnicity," with new instruction

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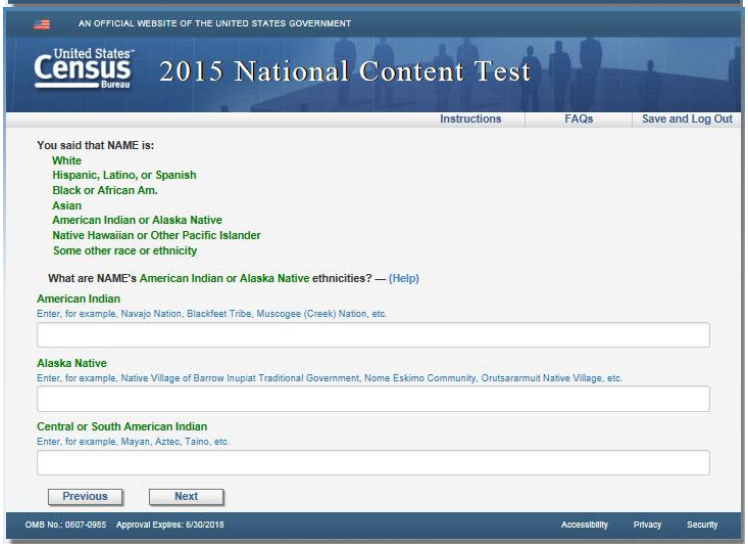
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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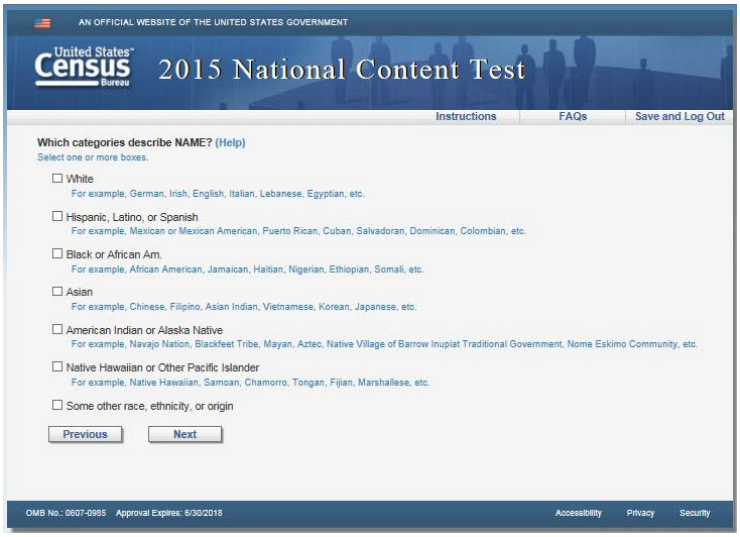
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Enter other details about NAME's race or ethnicity.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 29 -- Combined with Checkboxes, without MENA, with "Which categories describe this person," with original instruction




AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
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2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Hispanic, Latino, or Spanish categories? — Select one or more boxes and/or enter categories in the space below. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Select one or more boxes and/or enter categories in the space below. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Select one or more boxes and/or enter categories in the space below. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Select one or more boxes and/or enter categories in the space below. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Enter other details about NAME's race, ethnicity, or origin.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 30 -- Combined with Checkboxes, without MENA, with "Which categories describe this person," with new instruction


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Hispanic, Latino, or Spanish categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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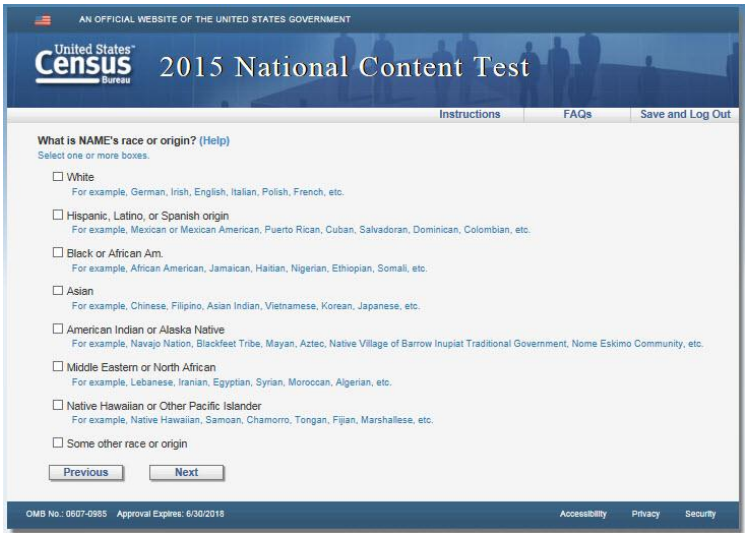
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Enter other details about NAME's race, ethnicity, or origin.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 31 -- Combined with Checkboxes, with MENA, with "Origin," with original instruction

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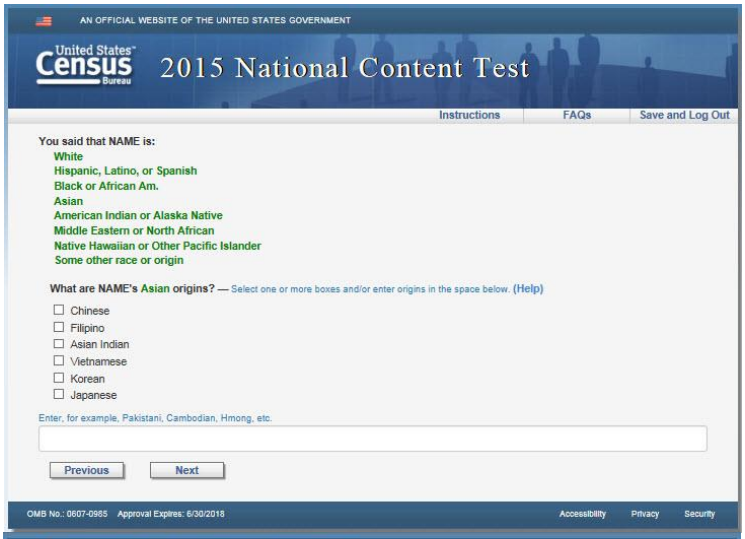
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Select one or more boxes and/or enter origins in the space below. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Select one or more boxes and/or enter origins in the space below. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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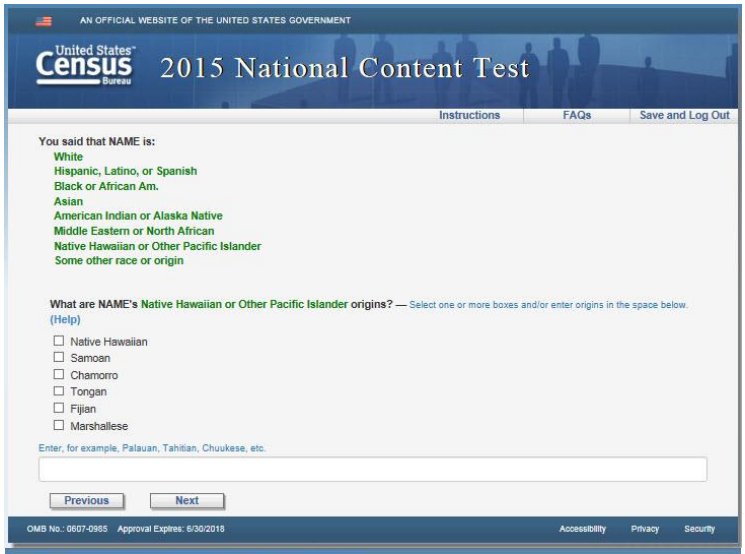
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Middle Eastern or North African origins? — Select one or more boxes and/or enter origins in the space below. (Help)
Lebanese
Iranian
Egyptian
Syrian
Moroccan
Algerian
Enter, for example, Israeli, Iraqi, Tunisian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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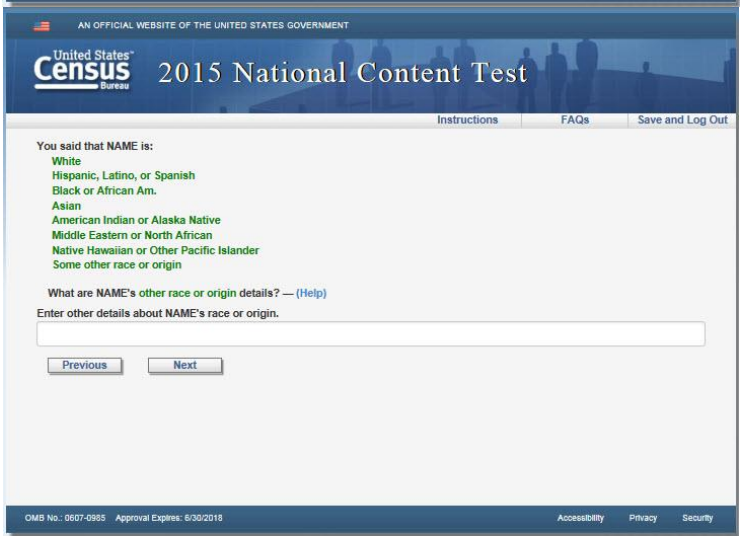
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Select one or more boxes and/or enter origins in the space below. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security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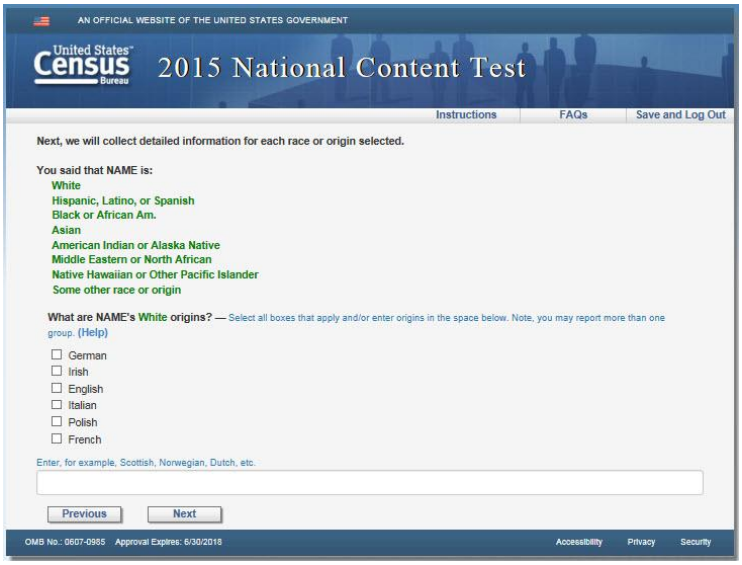
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Enter other details about NAME's race or origin.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 32 -- Combined with Checkboxes, with MENA, with "Origin," with new instruction

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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Hispanic, Latino, or Spanish origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Black or African Am. origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Asian origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

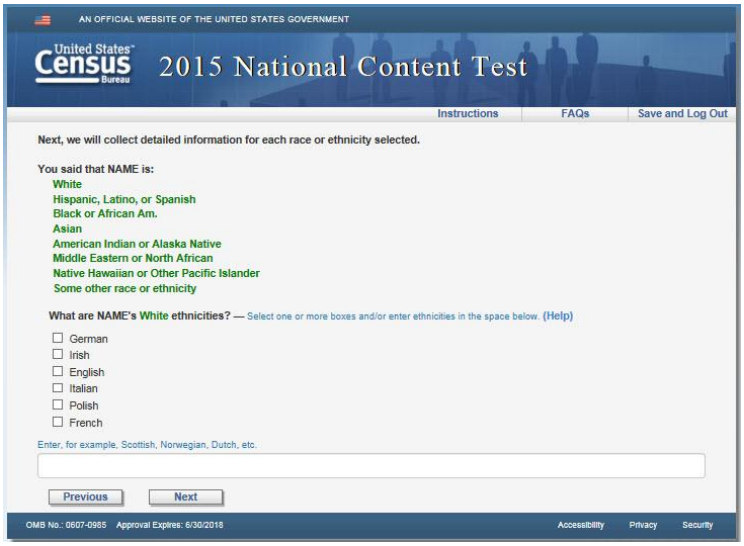

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's American Indian or Alaska Native origins? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Middle Eastern or North African origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
Lebanese
Iranian
Egyptian
Syrian
Moroccan
Algerian
Enter, for example, Israeli, Iraqi, Tunisian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's Native Hawaiian or Other Pacific Islander origins? — Select all boxes that apply and/or enter origins in the space below. Note, you may report more than one group. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or origin
What are NAME's other race or origin details? — (Help)
Enter other details about NAME's race or origin.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 33 -- Combined with Checkboxes, with MENA, with "Ethnicity," with original instruction

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United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

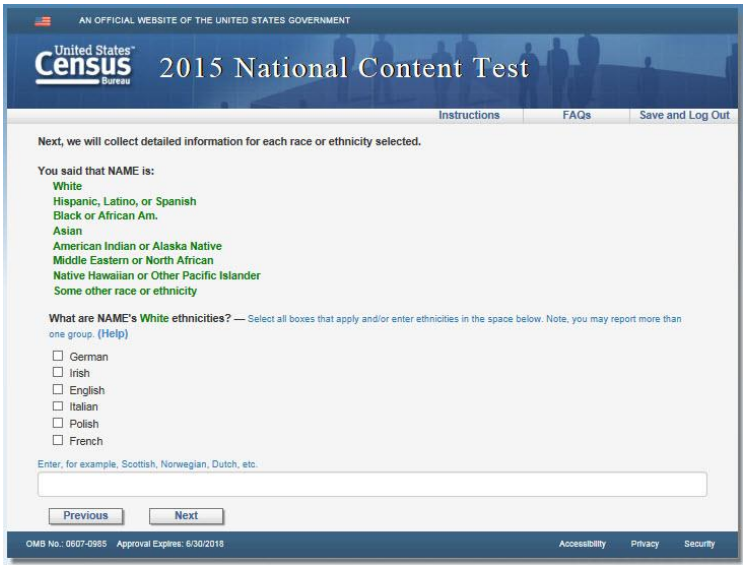

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Middle Eastern or North African ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
Lebanese
Iranian
Egyptian
Syrian
Moroccan
Algerian
Enter, for example, Israeli, Iraqi, Tunisian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

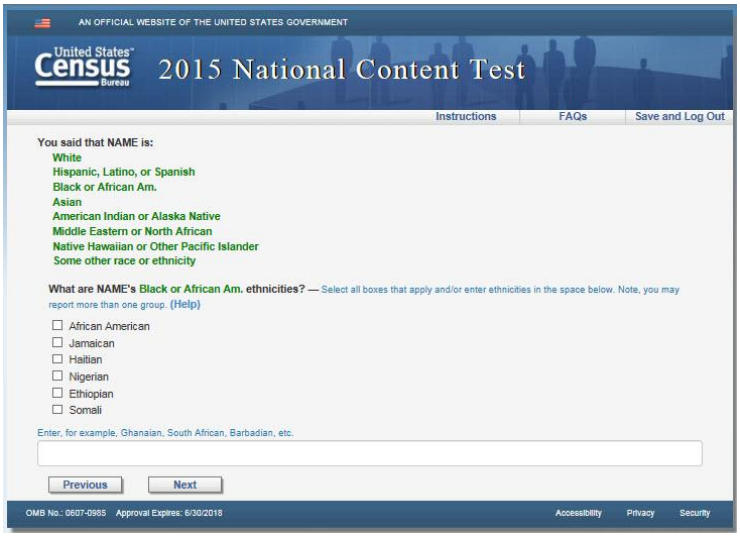

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Select one or more boxes and/or enter ethnicities in the space below. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

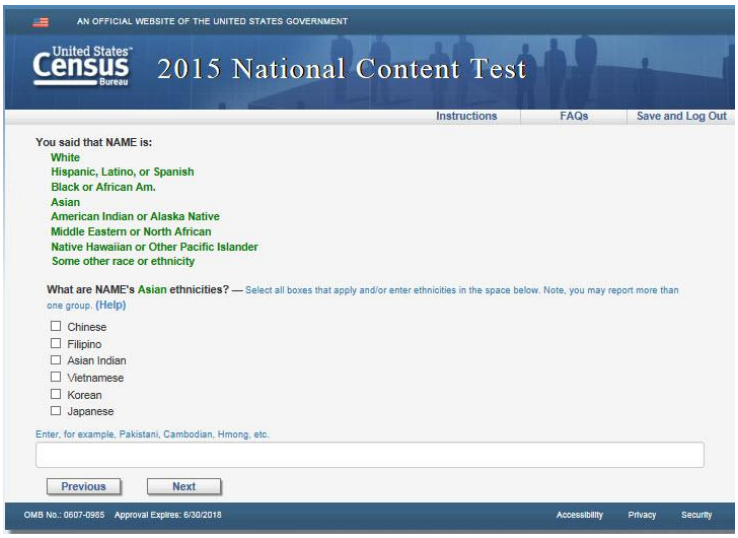

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Enter other details about NAME's race or ethnicity.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 34 -- Combined with Checkboxes, with MENA, with "Ethnicity," with new instruction

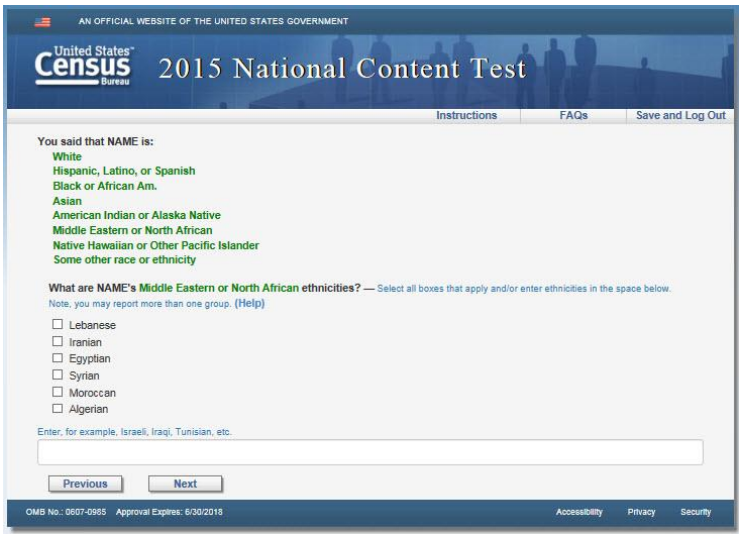


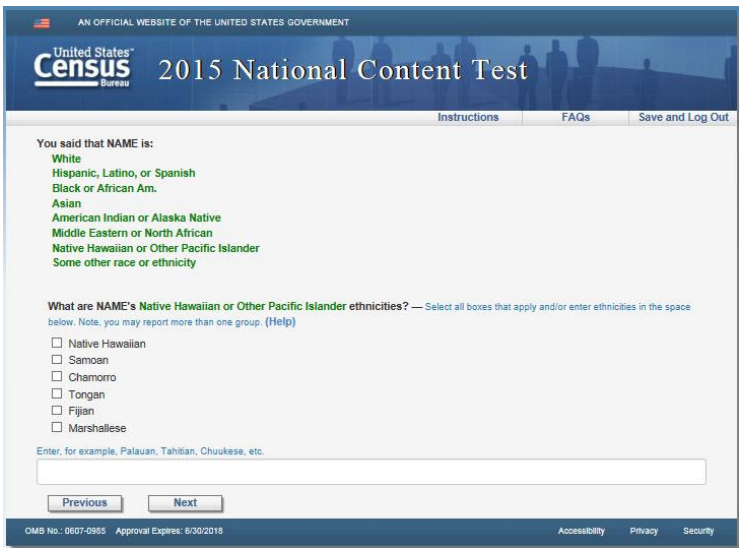

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Hispanic, Latino, or Spanish ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

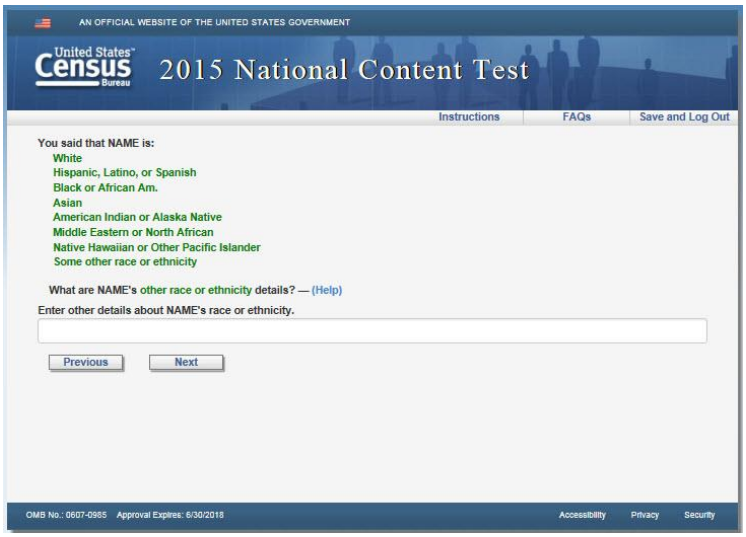

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Black or African Am. ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Asian ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

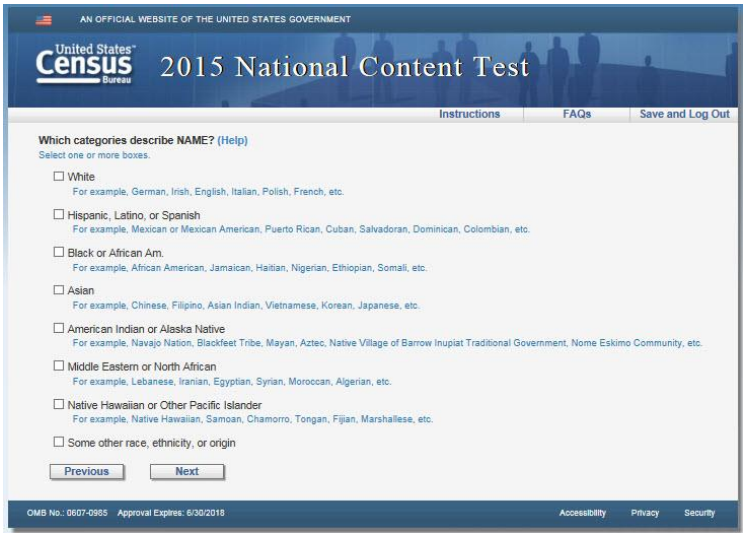

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's American Indian or Alaska Native ethnicities? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

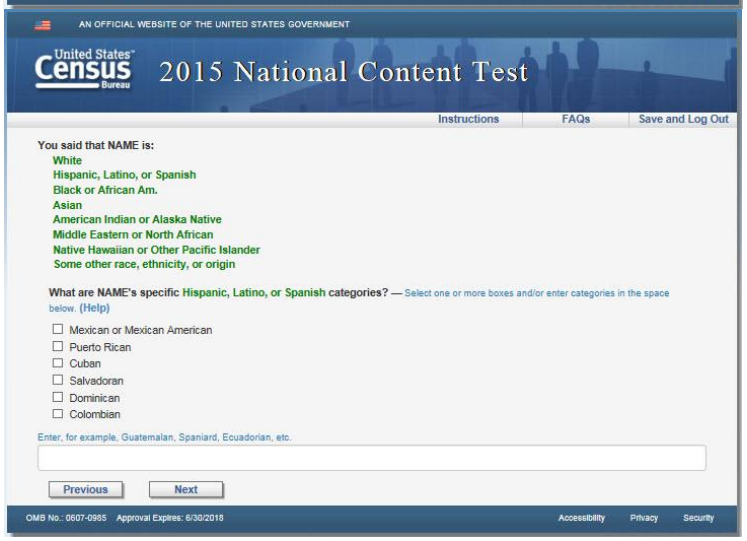

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Middle Eastern or North African ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
Lebanese
Iranian
Egyptian
Syrian
Moroccan
Algerian
Enter, for example, Israeli, Iraqi, Tunisian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's Native Hawaiian or Other Pacific Islander ethnicities? — Select all boxes that apply and/or enter ethnicities in the space below. Note, you may report more than one group. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

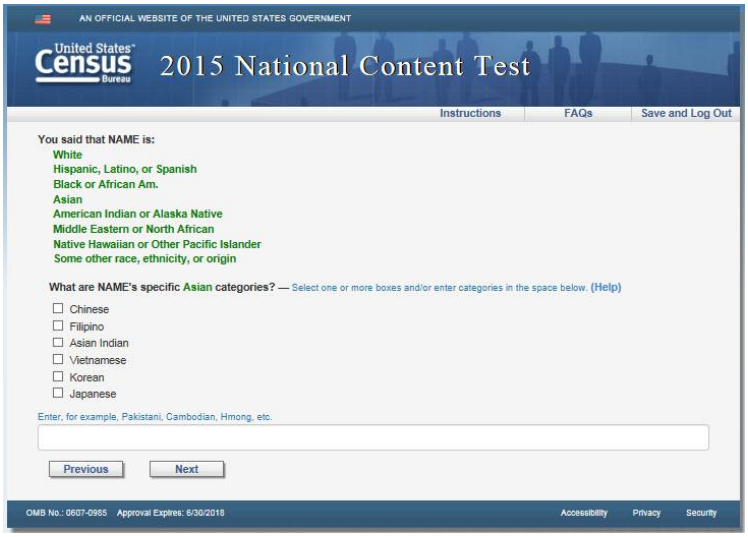

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race or ethnicity
What are NAME's other race or ethnicity details? — (Help)
Enter other details about NAME's race or ethnicity.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 35 -- Combined with Checkboxes, with MENA,
with "Which categories describe this person," with original instruction



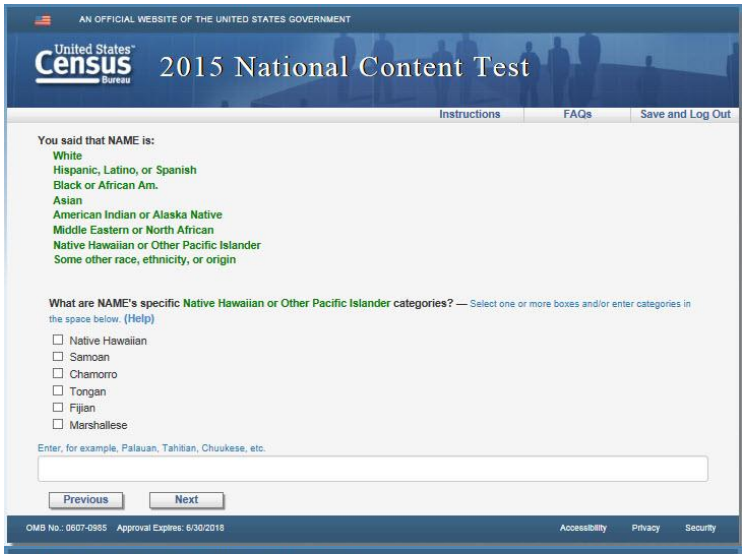


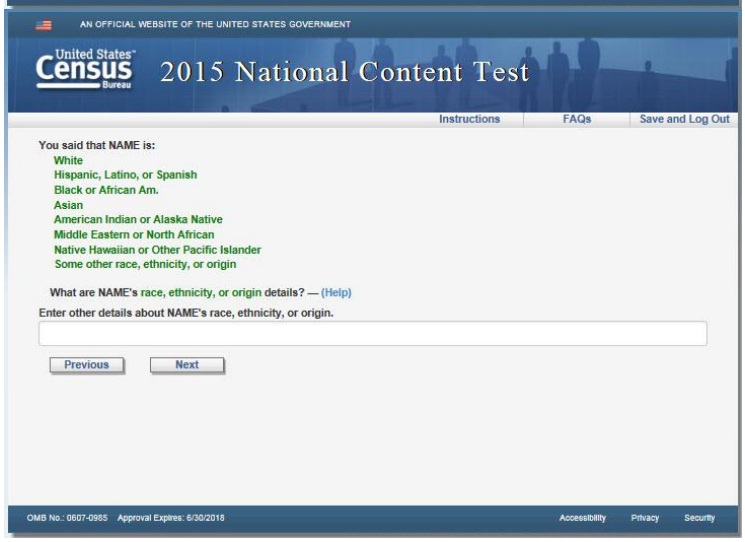

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Select one or more boxes and/or enter categories in the space below. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Select one or more boxes and/or enter categories in the space below. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Middle Eastern or North African categories? — Select one or more boxes and/or enter categories in the space below. (Help)
Lebanese
Iranian
Egyptian
Syrian
Moroccan
Algerian
Enter, for example, Israeli, Iraqi, Tunisian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

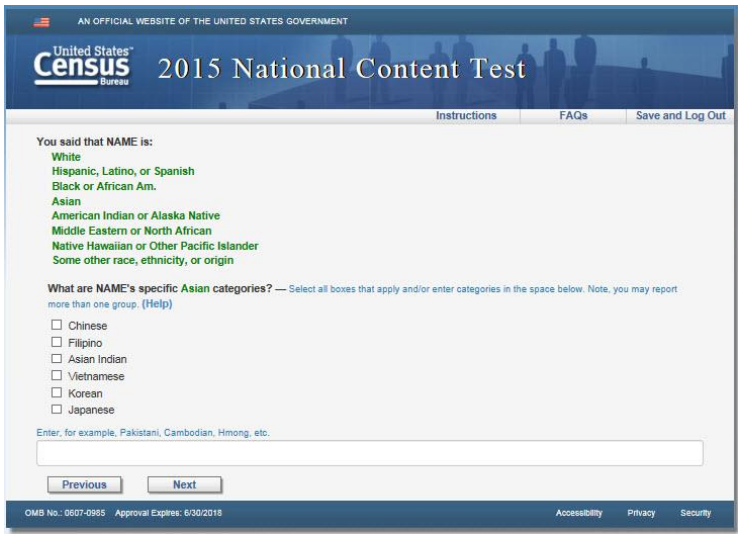

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Select one or more boxes and/or enter categories in the space below. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Enter other details about NAME's race, ethnicity, or origin.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Race 36 -- Combined with Checkboxes, with MENA,
with "Which categories describe this person," with new instruction


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Hispanic, Latino, or Spanish categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Mexican or Mexican American
Puerto Rican
Cuban
Salvadoran
Dominican
Colombian
Enter, for example, Guatemalan, Spaniard, Ecuadorian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

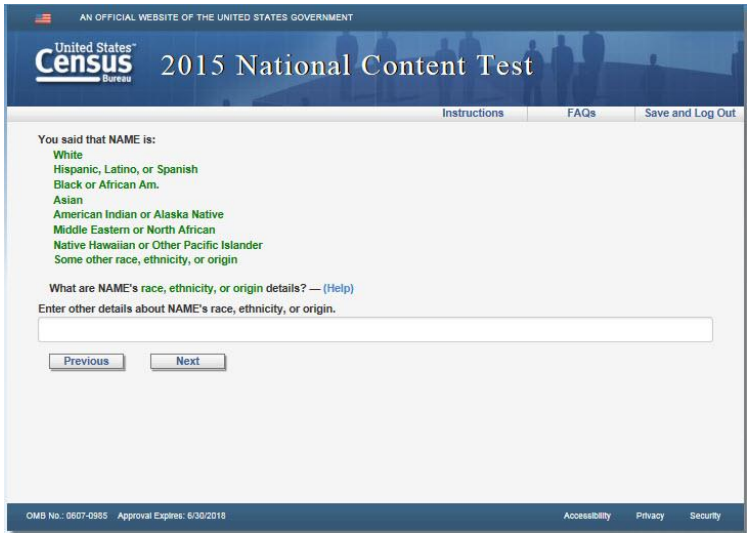

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Black or African Am. categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
African American
Jamaican
Haitian
Nigerian
Ethiopian
Somali
Enter, for example, Ghanaian, South African, Barbadian, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Asian categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Chinese
Filipino
Asian Indian
Vietnamese
Korean
Japanese
Enter, for example, Pakistani, Cambodian, Hmong, etc.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific American Indian or Alaska Native categories? — (Help)
American Indian
Enter, for example, Navajo Nation, Blackfeet Tribe, Muscogee (Creek) Nation, etc.
Alaska Native
Enter, for example, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, Orutsararmuit Native Village, etc.
Central or South American Indian
Enter, for example, Mayan, Aztec, Taino, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

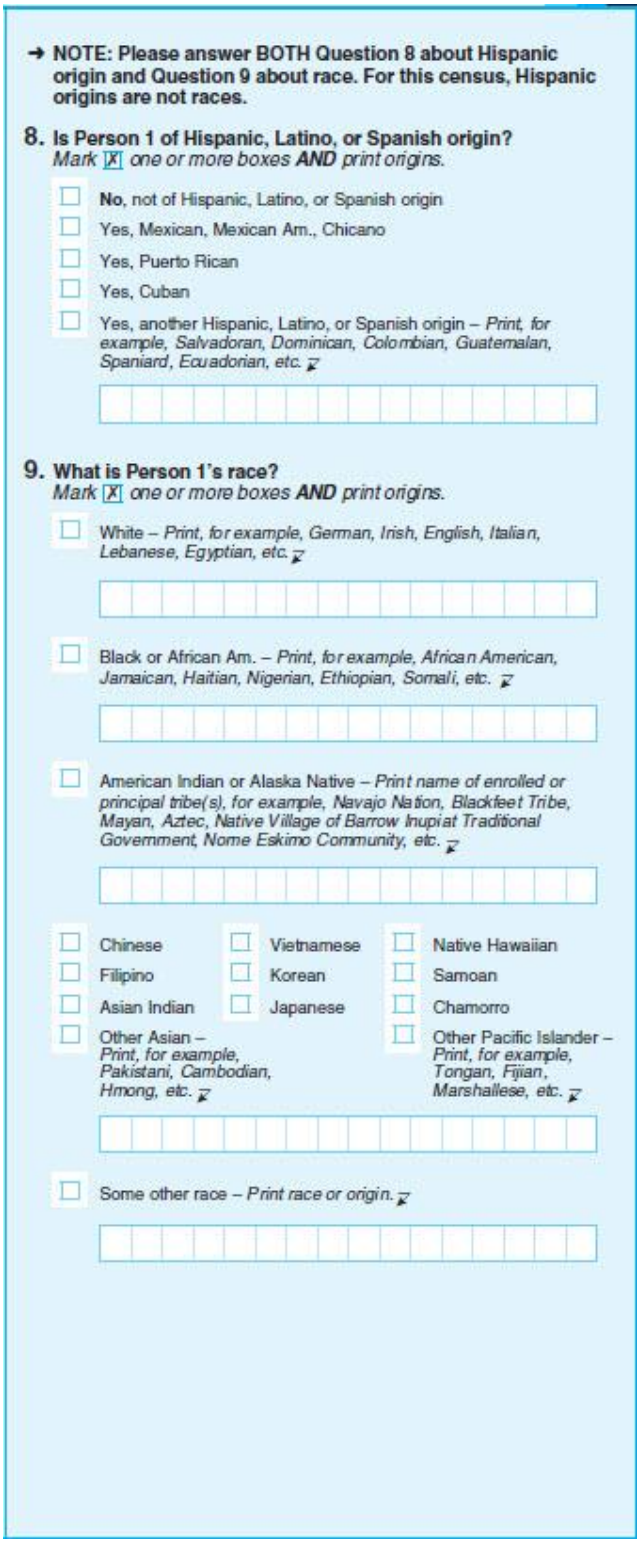

AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Middle Eastern or North African categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Lebanese
Iranian
Egyptian
Syrian
Moroccan
Algerian
Enter, for example, Israeli, Iraqi, Tunisian, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's specific Native Hawaiian or Other Pacific Islander categories? — Select all boxes that apply and/or enter categories in the space below. Note, you may report more than one group. (Help)
Native Hawaiian
Samoan
Chamorro
Tongan
Fijian
Marshallese
Enter, for example, Palauan, Tahitian, Chuukese, etc.
Previous
Next
OMB No.: 0607-0965 Approval Expires: 6/30/2018
Accessibility
Privacy
Security


AN OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT
United States Census Bureau
2015 National Content Test
Instructions
FAQs
Save and Log Out
You said that NAME is:
White
Hispanic, Latino, or Spanish
Black or African Am.
Asian
American Indian or Alaska Native
Middle Eastern or North African
Native Hawaiian or Other Pacific Islander
Some other race, ethnicity, or origin
What are NAME's race, ethnicity, or origin details? — (Help)
Enter other details about NAME's race, ethnicity, or origin.
Previous
Next
OMB No.: 0607-0985 Approval Expires: 6/30/2018
Accessibility
Privacy
Security

Appendix B. 2015 NCT Paper-Based Question Designs

Option A



➔ **NOTE: Please answer BOTH Question 8 about Hispanic origin and Question 9 about race. For this census, Hispanic origins are not races.**

8. Is Person 1 of Hispanic, Latino, or Spanish origin?
*Mark [X] one or more boxes **AND** print origins.*

- ☐ **No**, not of Hispanic, Latino, or Spanish origin
- ☐ Yes, Mexican, Mexican Am., Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, another Hispanic, Latino, or Spanish origin – *Print, for example, Salvadoran, Dominican, Colombian, Guatemalan, Spaniard, Ecuadorian, etc.*

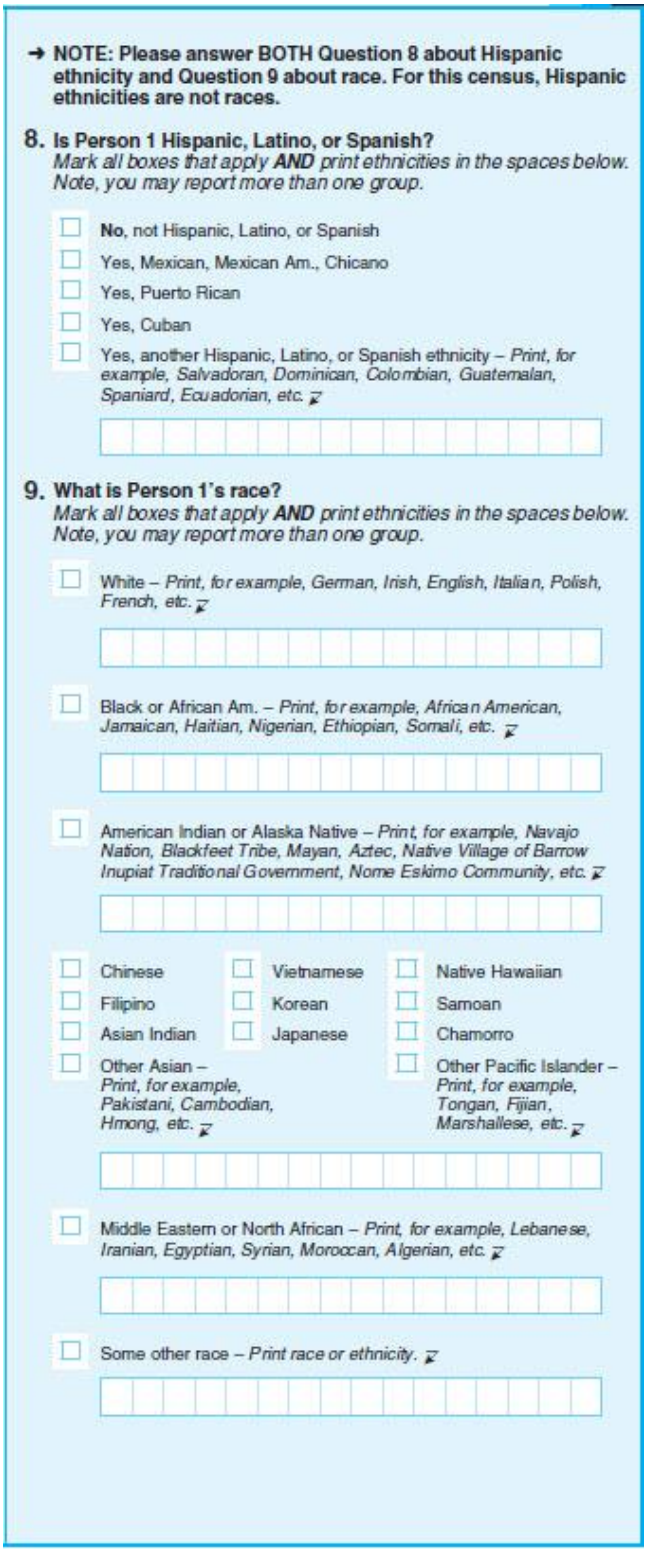
9. What is Person 1's race?
*Mark [X] one or more boxes **AND** print origins.*

- ☐ White – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.*
- ☐ Black or African Am. – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*
- ☐ American Indian or Alaska Native – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*

- ☐ Chinese
- ☐ Filipino
- ☐ Asian Indian
- ☐ Other Asian – *Print, for example, Pakistani, Cambodian, Hmong, etc.*
- ☐ Vietnamese
- ☐ Korean
- ☐ Japanese
- ☐ Native Hawaiian
- ☐ Samoan
- ☐ Chamorro
- ☐ Other Pacific Islander – *Print, for example, Tongan, Fijian, Marshallese, etc.*

- ☐ Some other race – *Print race or origin.*

Option C



➜ **NOTE: Please answer BOTH Question 8 about Hispanic ethnicity and Question 9 about race. For this census, Hispanic ethnicities are not races.**

8. Is Person 1 Hispanic, Latino, or Spanish?
Mark all boxes that apply ***AND*** *print ethnicities in the spaces below. Note, you may report more than one group.*

- ☐ **No**, not Hispanic, Latino, or Spanish
- ☐ Yes, Mexican, Mexican Am., Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, another Hispanic, Latino, or Spanish ethnicity – *Print, for example, Salvadoran, Dominican, Colombian, Guatemalan, Spaniard, Ecuadorian, etc.*

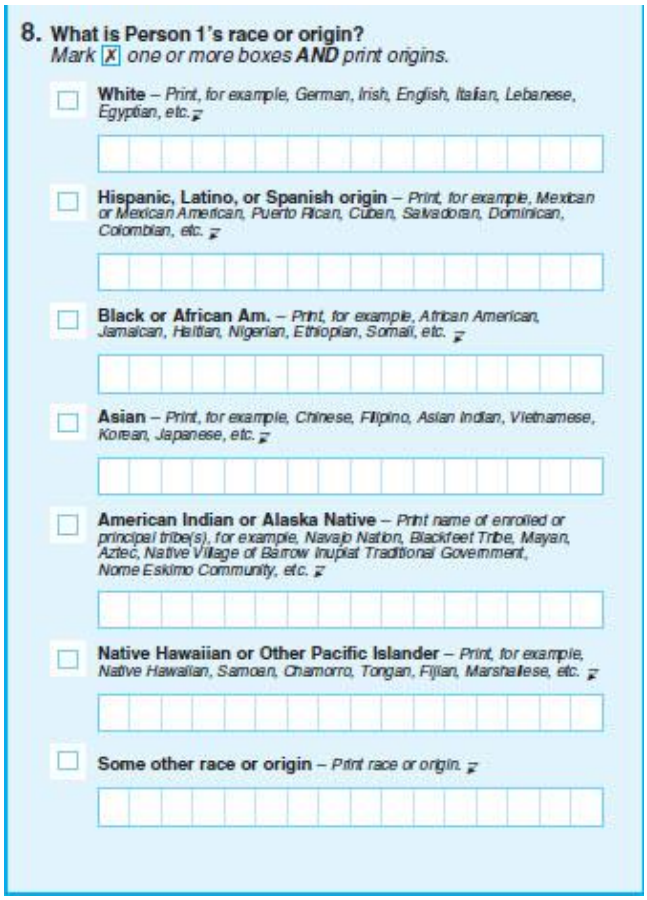
9. What is Person 1's race?
Mark all boxes that apply ***AND*** *print ethnicities in the spaces below. Note, you may report more than one group.*

- ☐ White – *Print, for example, German, Irish, English, Italian, Polish, French, etc.*
- ☐ Black or African Am. – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*
- ☐ American Indian or Alaska Native – *Print, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*

- ☐ Chinese
- ☐ Filipino
- ☐ Asian Indian
- ☐ Vietnamese
- ☐ Korean
- ☐ Japanese
- ☐ Native Hawaiian
- ☐ Samoan
- ☐ Chamorro
- ☐ Other Asian – *Print, for example, Pakistani, Cambodian, Hmong, etc.*
- ☐ Other Pacific Islander – *Print, for example, Tongan, Fijian, Marshallese, etc.*

- ☐ Middle Eastern or North African – *Print, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.*
- ☐ Some other race – *Print race or ethnicity.*

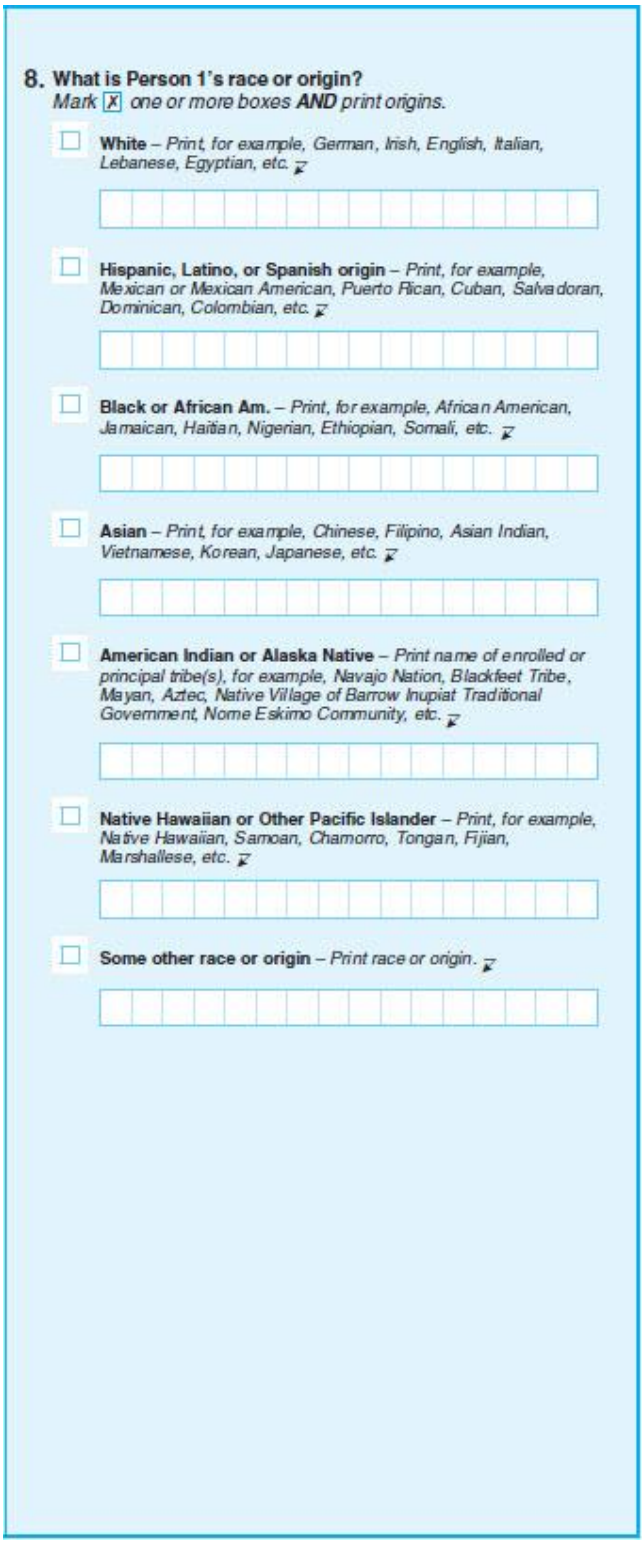
Option D1



8. **What is Person 1's race or origin?**
*Mark [X] one or more boxes **AND** print origins.*

- ☐ **White** – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.*
- ☐ **Hispanic, Latino, or Spanish origin** – *Print, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.*
- ☐ **Black or African Am.** – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*
- ☐ **Asian** – *Print, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.*
- ☐ **American Indian or Alaska Native** – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*
- ☐ **Native Hawaiian or Other Pacific Islander** – *Print, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc.*
- ☐ **Some other race or origin** – *Print race or origin.*

Option D2



8. **What is Person 1's race or origin?**
*Mark [X] one or more boxes **AND** print origins.*

☐ **White** – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.*

☐ **Hispanic, Latino, or Spanish origin** – *Print, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.*

☐ **Black or African Am.** – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*

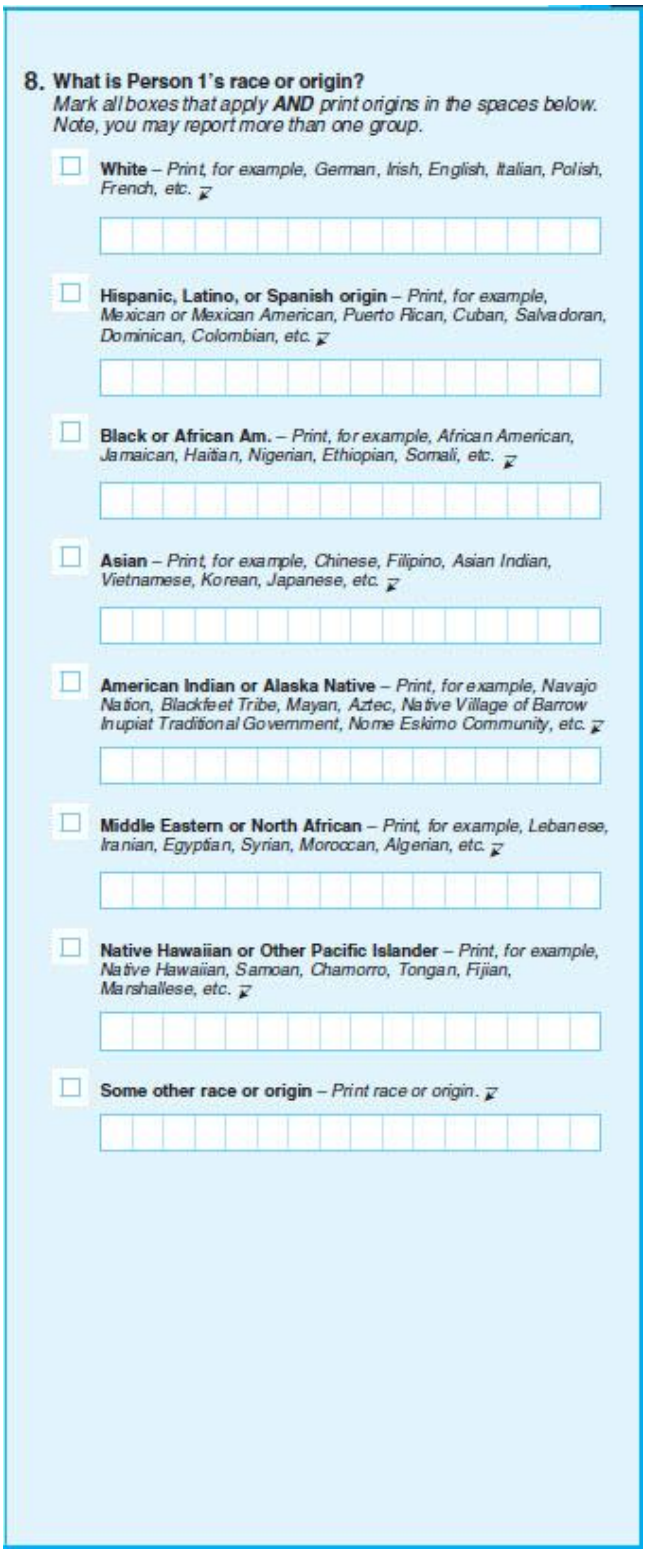
☐ **Asian** – *Print, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.*

☐ **American Indian or Alaska Native** – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*

☐ **Native Hawaiian or Other Pacific Islander** – *Print, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc.*

☐ **Some other race or origin** – *Print race or origin.*

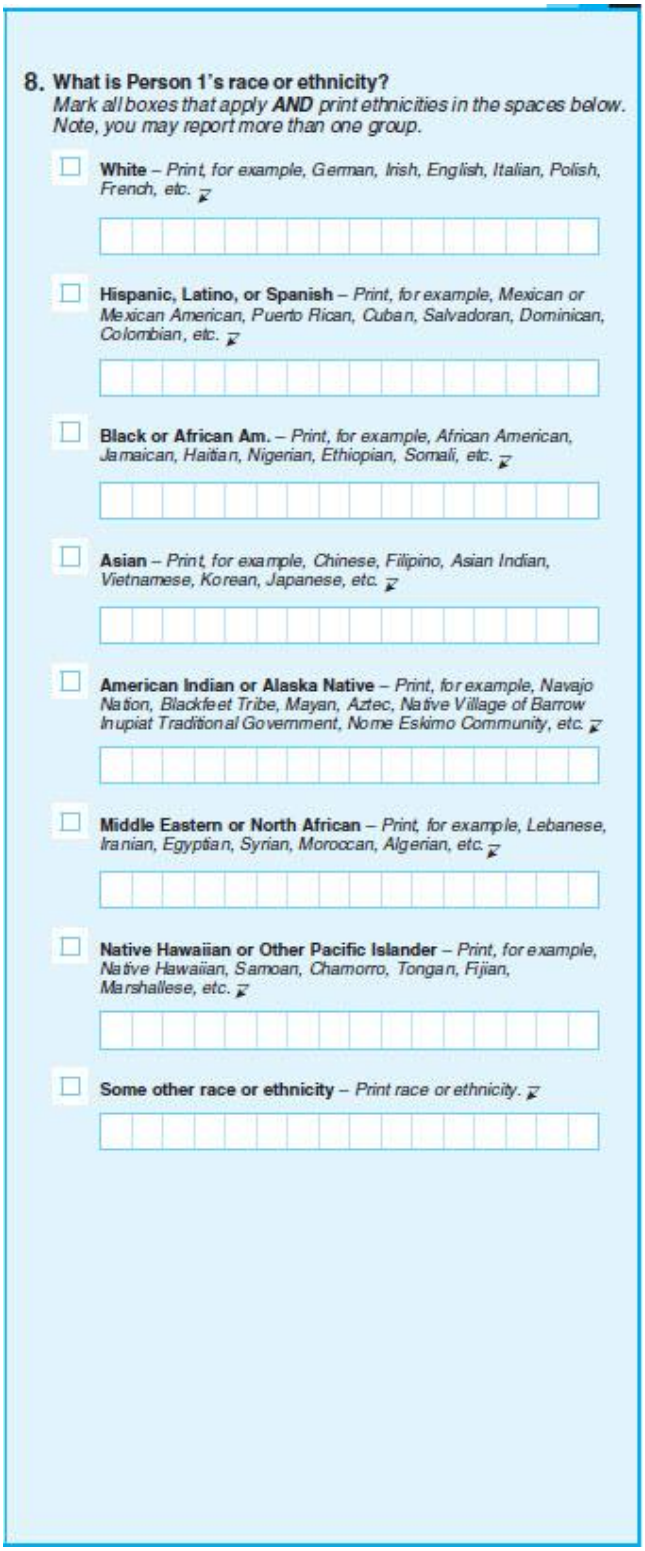
Option G



8. **What is Person 1's race or origin?**
*Mark all boxes that apply **AND** print origins in the spaces below. Note, you may report more than one group.*

- ☐ **White** – *Print, for example, German, Irish, English, Italian, Polish, French, etc.*
- ☐ **Hispanic, Latino, or Spanish origin** – *Print, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.*
- ☐ **Black or African Am.** – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*
- ☐ **Asian** – *Print, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.*
- ☐ **American Indian or Alaska Native** – *Print, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*
- ☐ **Middle Eastern or North African** – *Print, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.*
- ☐ **Native Hawaiian or Other Pacific Islander** – *Print, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc.*
- ☐ **Some other race or origin** – *Print race or origin.*

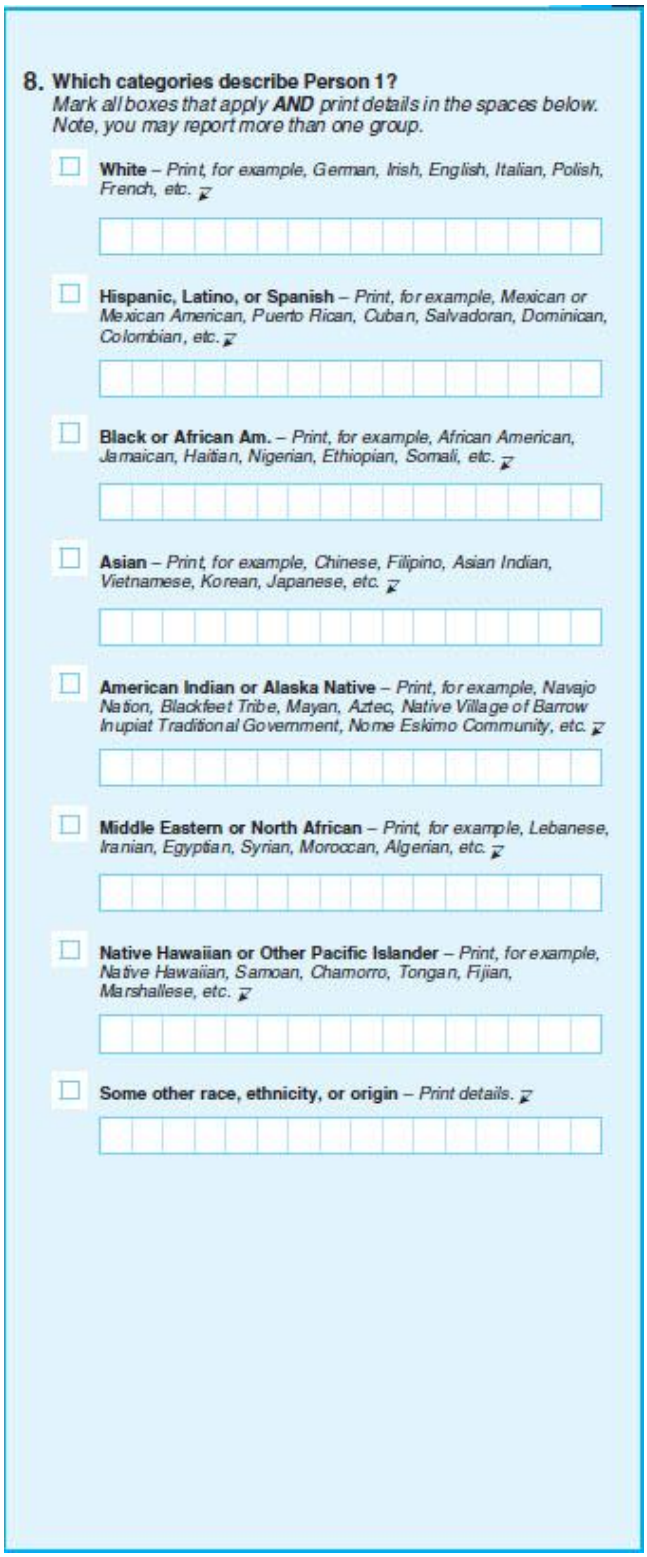
Option H



8. **What is Person 1's race or ethnicity?**
Mark all boxes that apply ***AND*** *print ethnicities in the spaces below. Note, you may report more than one group.*

- ☐ **White** – *Print, for example, German, Irish, English, Italian, Polish, French, etc.*
- ☐ **Hispanic, Latino, or Spanish** – *Print, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.*
- ☐ **Black or African Am.** – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*
- ☐ **Asian** – *Print, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.*
- ☐ **American Indian or Alaska Native** – *Print, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*
- ☐ **Middle Eastern or North African** – *Print, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.*
- ☐ **Native Hawaiian or Other Pacific Islander** – *Print, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc.*
- ☐ **Some other race or ethnicity** – *Print race or ethnicity.*

Option I



8. **Which categories describe Person 1?**
*Mark all boxes that apply **AND** print details in the spaces below. Note, you may report more than one group.*

☐ **White** – *Print, for example, German, Irish, English, Italian, Polish, French, etc.*

☐ **Hispanic, Latino, or Spanish** – *Print, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.*

☐ **Black or African Am.** – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*

☐ **Asian** – *Print, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.*

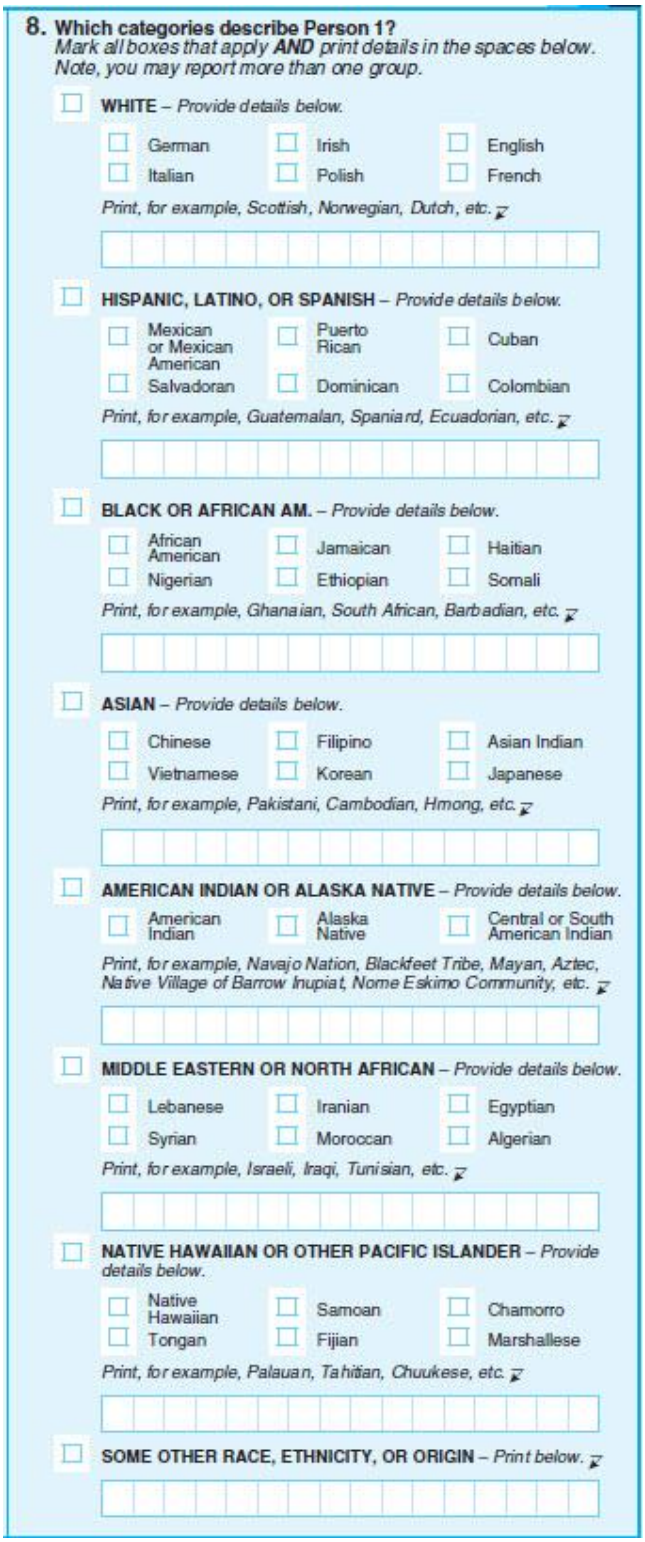
☐ **American Indian or Alaska Native** – *Print, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*

☐ **Middle Eastern or North African** – *Print, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.*

☐ **Native Hawaiian or Other Pacific Islander** – *Print, for example, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc.*

☐ **Some other race, ethnicity, or origin** – *Print details.*

Option W



8. Which categories describe Person 1?
*Mark all boxes that apply **AND** print details in the spaces below. Note, you may report more than one group.*

☐ **WHITE** – *Provide details below.*

☐ German ☐ Irish ☐ English
☐ Italian ☐ Polish ☐ French

Print, for example, Scottish, Norwegian, Dutch, etc.

☐ **HISPANIC, LATINO, OR SPANISH** – *Provide details below.*

☐ Mexican or Mexican American ☐ Puerto Rican ☐ Cuban
☐ Salvadoran ☐ Dominican ☐ Colombian

Print, for example, Guatemalan, Spaniard, Ecuadorian, etc.

☐ **BLACK OR AFRICAN AM.** – *Provide details below.*

☐ African American ☐ Jamaican ☐ Haitian
☐ Nigerian ☐ Ethiopian ☐ Somali

Print, for example, Ghanaian, South African, Barbadian, etc.

☐ **ASIAN** – *Provide details below.*

☐ Chinese ☐ Filipino ☐ Asian Indian
☐ Vietnamese ☐ Korean ☐ Japanese

Print, for example, Pakistani, Cambodian, Hmong, etc.

☐ **AMERICAN INDIAN OR ALASKA NATIVE** – *Provide details below.*

☐ American Indian ☐ Alaska Native ☐ Central or South American Indian

Print, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat, Nome Eskimo Community, etc.

☐ **MIDDLE EASTERN OR NORTH AFRICAN** – *Provide details below.*

☐ Lebanese ☐ Iranian ☐ Egyptian
☐ Syrian ☐ Moroccan ☐ Algerian

Print, for example, Israeli, Iraqi, Tunisian, etc.

☐ **NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER** – *Provide details below.*

☐ Native Hawaiian ☐ Samoan ☐ Chamorro
☐ Tongan ☐ Fijian ☐ Marshallese

Print, for example, Palauan, Tahitian, Chuukese, etc.

☐ **SOME OTHER RACE, ETHNICITY, OR ORIGIN** – *Print below.*

Appendix C. 2015 NCT Reinterview Questions

D1. What is your race, ethnicity, or origin? You can provide more than one.
D2. What is <Name's> race, ethnicity, or origin? You can provide more than one.
E1. Now, I am going to ask you a series of questions about race, ethnicity, and origin and would like you to respond to each one. You may say yes to as many as you wish. These questions may seem repetitive, but it is important that we ask them of each person to measure the quality of our census.
E2. Are you White? ¨ Yes ¨ No
E3. Are you Hispanic, Latino or Spanish? ¨ Yes ¨ No
E4. Are you Black or African American?
¨ Yes
¨ No
E5. Are you Asian?
¨ Yes
¨ No
E6. Are you American Indian or Alaska Native?
¨ Yes
¨ No
E7. Are you Middle Eastern or North African?
¨ Yes
¨ No
E8. Are you Native Hawaiian or Other Pacific Islander?
¨ Yes
¨ No
E9. Are you Some other race, ethnicity, or origin that I haven't mentioned?
¨ Yes
¨ No

F1. Now I'm going to ask you some questions about <Name>.
F2. Is [he/she] White?
¨ Yes
¨ No
F3. Is [he/she] Hispanic, Latino or Spanish?
¨ Yes
¨ No
F4. Is [he/she] Black or African American?
¨ Yes
¨ No
F5. Is [he/she] Asian?
¨ Yes
¨ No
F6. Is [he/she] American Indian or Alaska Native?
¨ Yes
¨ No
F7. Is [he/she] Middle Eastern or North African?
¨ Yes
¨ No
F8. Is [he/she] Native Hawaiian or Other Pacific Islander?
¨ Yes
¨ No
F9. Is [he/she] Some other race, ethnicity, or origin that I haven't mentioned?
¨ Yes
¨ No
G1. Now, I just have a few more questions about you.
G2. If respondent reports White, then ask: Earlier you said you were White. Please specify, for example, German, Irish, English, Italian, Polish, French, etc.

G3. If respondent reports Hispanic, then ask: Earlier you said you were Hispanic, Latino or Spanish. Please specify, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.
G3A. If respondent reports Hispanic, Latino or Spanish origin and no race, then ask: People who are Hispanic, Latino or Spanish may be of any race. In addition to <FILL SPECIFIC HISPANIC ORIGIN> do you consider yourself one or more of these groups, White, Black or African American, Asian, American Indian or Alaska Native, Middle Eastern or North African, or Native Hawaiian or Other Pacific Islander?
¨ Yes, White
¨ Yes, Black or African American
¨ Yes, Asian
¨ Yes, American Indian or Alaska Native
¨ Yes, Middle Eastern or North African
¨ Yes, Native Hawaiian or Other Pacific Islander
¨ Hispanic (for example Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.) – Do not read aloud
¨ Other– Specify exactly what R said _____ - Do not read aloud
¨ No/None of these – Specify exactly what R said _____ - Do not read aloud
G4. If respondent reports Black or African American, then ask: Earlier you said you were Black or African American. Please specify, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.
G5. If respondent reports Asian, then ask: Earlier you said you were Asian. Please specify, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese etc.
G6. If respondent reports American Indian or Alaska Native, then ask: Earlier you said you were American Indian or Alaska Native. Please specify, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.
G7. If respondent reports Middle Eastern or North African, then ask: Earlier you said you were Middle Eastern or North African. Please specify, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.

G8. If respondent reports Native Hawaiian or Other Pacific Islander, then ask: Earlier you said you were Native Hawaiian or Other Pacific Islander. Please specify, for example Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese etc.
G9. If respondent reports Some other race, then ask: Earlier you said you were Some other race, ethnicity, or origin. What is that group?
G10. If respondent reports biracial, multiracial, mixed, mestizo to question G9, then ask: Can you be more specific?
H1. Now, I just have a few more questions about <NAME>.
H2. If respondent reports White, then ask: Earlier you said <NAME> was White. Please specify, for example, German, Irish, English, Italian, Polish, French, etc.
H3. If respondent reports Hispanic, then ask: Earlier you said <NAME> was Hispanic. Please specify, for example, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.
H3A. If respondent reports Hispanic, Latino or Spanish origin and no race, then ask: People who are Hispanic, Latino or Spanish may be of any race. In addition to <FILL SPECIFIC HISPANIC ORIGIN> does <he/she> consider <him/her>self one or more of these groups, White, Black or African American, Asian, American Indian or Alaska Native, Middle Eastern or North African, or Native Hawaiian or Other Pacific Islander?
¨ Yes, White
¨ Yes, Black or African American
¨ Yes, Asian
¨ Yes, American Indian or Alaska Native
¨ Yes, Middle Eastern or North African
¨ Yes, Native Hawaiian or Other Pacific Islander
¨ Hispanic (for example Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, etc.) – Do not read aloud
¨ Other– Specify exactly what R said _____ - Do not read aloud
¨ No/None of these – Specify exactly what R said _____ - Do not read aloud

H4. If respondent reports Black or African American, then ask: Earlier you said <NAME> was Black or African American. Please specify, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.
H5. If respondent reports Asian, then ask: Earlier you said <NAME> was Asian. Please specify, for example, Chinese, Filipino, Asian Indian, Vietnamese, Korean, Japanese, etc.
H6. If respondent reports American Indian or Alaska Native, then ask: Earlier you said <NAME> was American Indian or Alaska Native. Please specify, for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.
H7. If respondent reports Middle Eastern or North African, then ask: Earlier you said <NAME> was Middle Eastern or North African. Please specify, for example, Lebanese, Iranian, Egyptian, Syrian, Moroccan, Algerian, etc.
H8. If respondent reports Native Hawaiian or Other Pacific Islander, then ask: Earlier you said <NAME> was Native Hawaiian or Other Pacific Islander. Please specify, for example Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, Marshallese, etc.
H9. If respondent reports Some other race, then ask: Earlier you said <NAME> was Some other race, ethnicity, or origin. What is that group?
H10. If respondent reports biracial, multiracial, mixed, mestizo to question H9, then ask: Can you be more specific?
I1. Now I have some questions about how you view yourself and how you are perceived by other people.

I2. Earlier you said you were as <FILL>. [Does this answer/Do these answers] fit the way you think about yourself…
¨ Always
¨ Sometimes
¨ Never
I3. Have you ever been perceived as another race, ethnicity, or origin you did not identify with?
¨ Yes <skip to I4>
¨ No <END>
I4. What race, ethnicity, or origin is that?

Appendix D. 2015 NCT Race, Ethnicity, or Origin Help Text

(**USE THIS HELP TEXT** when a separate MENA category is **NOT** included)

RACE, ETHNICITY, OR ORIGIN

In the 2015 National Content Test, an individual's response is based upon self-identification. People may choose one or more response categories to represent their identity or identities. The categories included in the questionnaire generally reflect social definitions recognized in this country, and do not attempt to define groups biologically, anthropologically, or genetically.

The major categories, detailed checkboxes, and examples are listed in order of population size, from largest to smallest. Detailed groups are employed as examples to represent the different geographic regions in each of the major categories.

The following descriptions define each of the categories:

White
The category "White" includes all individuals who identify with one or more nationalities or ethnic groups originating in Europe, the Middle East, or North Africa. Examples of these groups include, but are not limited to, German, Irish, English, Italian, Lebanese, and Egyptian. The category also includes groups such as Polish, French, Iranian, Slavic, Cajun, Chaldean, etc. Individuals should report the person's White group or groups in the space provided.

Hispanic, Latino, or Spanish
The category "Hispanic, Latino, or Spanish" includes all individuals who identify with one or more nationalities or ethnic groups originating in Mexico, Puerto Rico, Cuba, Central and South American, and other Spanish cultures. Examples of these groups include, but are not limited to, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, and Colombian. The category also includes groups such as Guatemalan, Honduran, Spaniard, Ecuadorian, Peruvian, Venezuelan, etc. Individuals should report the person's Hispanic, Latino, or Spanish group or groups in the space provided.

Black or African American
The category "Black or African American" includes all individuals who identify with one or more nationalities or ethnic groups originating in any of the black racial groups of Africa. Examples of these groups include, but are not limited to, African American, Jamaican, Haitian, Nigerian, Ethiopian, and Somali. The category also includes groups such as Ghanaian, South African, Barbadian, Kenyan, Liberian, Bahamian, etc. Individuals should report the person's Black or African American group or groups in the space provided.

Asian
The category "Asian" includes all individuals who identify with one or more nationalities or ethnic groups originating in the Far East, Southeast Asia, or the Indian subcontinent. Examples of these groups include, but are not limited to, Chinese, Filipino, Asian Indian, Vietnamese, Korean, and Japanese. The category also includes groups such as Pakistani, Cambodian, Hmong, Thai, Bengali, Mien, etc. Individuals should report the person's Asian group or groups in the space provided.

American Indian or Alaska Native
The category "American Indian or Alaska Native" includes all individuals who identify with any of the original peoples of North and South America (including Central America) and who maintain tribal

affiliation or community attachment. It includes people who identify as "American Indian" or "Alaska Native" and includes groups such as Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Individuals should report the person's American Indian or Alaska Native tribe or tribes in the space provided.

Native Hawaiian or Other Pacific Islander
The category "Native Hawaiian or Other Pacific Islander" includes all individuals who identify with one or more nationalities or ethnic groups originating in Hawaii, Guam, Samoa, or other Pacific Islands. Examples of these groups include, but are not limited to, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, and Marshallese. The category also includes groups such as Palauan, Tahitian, Chuukese, Pohnpeian, Saipanese, Yapese, etc. Individuals should report the person's Native Hawaiian or Other Pacific Islander group or groups in the space provided.

Some other race, ethnicity, or origin
'Some other race, ethnicity, or origin' includes all other responses not included in the categories above.

(USE THIS HELP TEXT when a separate **MENA** category **IS** included)

RACE, ETHNICITY, OR ORIGIN

In the 2015 National Content Test, an individual's response is based upon self-identification. People may choose one or more response categories to represent their identity or identities. The categories included in the questionnaire generally reflect social definitions recognized in this country, and do not attempt to define groups biologically, anthropologically, or genetically.

The major categories, detailed checkboxes, and examples are listed in order of population size, from largest to smallest. Detailed groups are employed as examples to represent the different geographic regions in each of the major categories.

The following descriptions define each of the categories:

White
The category "White" includes all individuals who identify with one or more nationalities or ethnic groups originating in Europe. Examples of these groups include, but are not limited to, German, Irish, English, Italian, Polish, and French. The category also includes groups such as Scottish, Norwegian, Dutch, Slavic, Cajun, Roma, etc. Individuals should report the person's White group or groups in the space provided.

Hispanic, Latino, or Spanish
The category "Hispanic, Latino, or Spanish" includes all individuals who identify with one or more nationalities or ethnic groups originating in Mexico, Puerto Rico, Cuba, Central and South American, and other Spanish cultures. Examples of these groups include, but are not limited to, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, and Colombian. The category also includes groups such as Guatemalan, Honduran, Spaniard, Ecuadorian, Peruvian, Venezuelan, etc. Individuals should report the person's Hispanic, Latino, or Spanish group or groups in the space provided.

Black or African American
The category "Black or African American" includes all individuals who identify with one or more nationalities or ethnic groups originating in any of the black racial groups of Africa. Examples of these groups include, but are not limited to, African American, Jamaican, Haitian, Nigerian, Ethiopian, and Somali. The category also includes groups such as Ghanaian, South African, Barbadian, Kenyan,

Liberian, Bahamian, etc. Individuals should report the person's Black or African American group or groups in the space provided.

Asian
The category "Asian" includes all individuals who identify with one or more nationalities or ethnic groups originating in the Far East, Southeast Asia, or the Indian subcontinent. Examples of these groups include, but are not limited to, Chinese, Filipino, Asian Indian, Vietnamese, Korean, and Japanese. The category also includes groups such as Pakistani, Cambodian, Hmong, Thai, Bengali, Mien, etc. Individuals should report the person's Asian group or groups in the space provided.

American Indian or Alaska Native
The category "American Indian or Alaska Native" includes all individuals who identify with any of the original peoples of North and South America (including Central America) and who maintain tribal affiliation or community attachment. It includes people who identify as "American Indian" or "Alaska Native" and includes groups such as Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc. Individuals should report the person's American Indian or Alaska Native tribe or tribes in the space provided.

Middle Eastern or North African
The category "Middle Eastern or North African" includes all individuals who identify with one or more nationalities or ethnic groups originating in the Middle East or North Africa. Examples of these groups include, but are not limited to, Lebanese, Iranian, Egyptian, Syrian, Moroccan, and Algerian. The category also includes groups such as Israeli, Iraqi, Tunisian, Chaldean, Assyrian, Kurdish, etc. Individuals should report the person's Middle Eastern or North African group or groups in the space provided.

Native Hawaiian or Other Pacific Islander
The category "Native Hawaiian or Other Pacific Islander" includes all individuals who identify with one or more nationalities or ethnic groups originating in Hawaii, Guam, Samoa, or other Pacific Islands. Examples of these groups include, but are not limited to, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, and Marshallese. The category also includes groups such as Palauan, Tahitian, Chuukese, Pohnpeian, Saipanese, Yapese, etc. Individuals should report the person's Native Hawaiian or Other Pacific Islander group or groups in the space provided.

Some other race, ethnicity, or origin
'Some other race, ethnicity, or origin' includes all other responses not included in the categories above.

Appendix E. Race, Ethnicity, and Origin Code List

Code	Race or Ethnic Group
001-199	**WHITE**
001	**White (Checkbox)**
002	**English (Detailed Checkbox)**
003	**French (Detailed Checkbox)**
004	**German (Detailed Checkbox)**
005	**Irish (Detailed Checkbox)**
006	**Italian (Detailed Checkbox)**
007	**Polish (Detailed Checkbox)**
008	**White**
009-141	**EUROPEAN (EXCEPT SPANISH)**
009	**Albanian**
009	Arberesh
009	Geg
009	Italo Albanian
009	Tosk
010	**Alsatian**
011	**Andorran**
012	**Armenian**
013	**Austrian**
014	Tyrolean
015	**Azerbaijani**
015	Azeri

016	**Basque**
017	French Basque
018	Not Used
019	**Belarusian**
019	Byelorussian
020	**Belgian**
021	Flemish
021	Fleming
022	Walloon
023	**Bosnian and Herzegovinian**
023	Bosniak
023	Bosnian
023	Herzegovinian
024	**Bulgarian**
024	Bulgar
024	Eastern Rumelian
025	**British**
025	Briton
026	**British Islander**
027	Channel Islander
027	Falkland Islander
027	Guernsey Islander
027	Jersey Islander
028	Gibraltarian
029	**Carpatho Rusyn**
029	Carpathian Ruthenian
030	Carpathian
031	Rusnak
031	Rusyn
032	Ruthenian
033	**Celtic**
033	Druid
033	Gaelic

034	**Cornish**
034	Cornishman
035	**Croatian**
035	Croat
035	Dalmatian
036	**Cypriot**
036	Greek Cypriote
037	Turkish Cypriote
038	**Czech**
039	Bohemian
040	Moravian
041	**Czechoslovakian**
041	Czechoslovak
042	**Danish**
042	Dane
043	**Dutch**
043	Dutchman
043	Hollander
044	**Eastern European**
044	Other Eastern European
045	**English**
046	**Estonian**
046	Liv
046	Livonian
047	**European**
047	Balkan
047	Baltic
047	Bucovina
047	Cossack
047	Frank
048	Bessarabian

049	Central European
050	Not used
051	Mediterranean
051	Southern European
052	Northern European
053	Other European
054	Silesian
055	**Faroe Islander**
055	Faroese
056	**Finnish**
056	Karelian
057	**Finno Ugrian**
057	Komi
057	Mari
057	Udmurt
058	Mordvin
059	**French**
059	Acadian
059	Franco
059	French Acadian
059	Huguenot
059	Lorrainian
059	Norman
059	Provencal
060	Breton
061	Corsican
062	Occitan
063	**Frisian**
064	**Georgian CIS**
064	Adzharian
064	Georgian Russian
064	Georgian Soviet
064	Gruziia

065	**German**
065	Deutsch
065	East German
065	Lubecker
065	Sudeten
065	West German
065	Westphalian
066	Bavarian
067	Hamburger
068	Hessian
069	Pomeranian
070	Prussian
071	Saxon
072	**Germanic**
072	Gothic
072	Teutonic
073	**Greek**
074	Cretan
074	Cycladic Islander
074	Dodecanese Islander
074	Peloponnesian
075	**Hungarian**
075	Szekler
076	Magyar
077	**Icelandic**
077	Icelander
078	**Irish**
078	Dubliner
078	Hibernian
078	Ulster Scot
079	**Italian**
079	Bolognese
079	Campanian
079	Friuli
079	Ligurian

079	Piedmontese
079	Roman
079	Sammarinese
079	Umbrian
080	Abruzzo
081	Amalfi
082	Apulia
083	Calabrian
084	Ladin
085	Lombard
086	Neapolitan
087	San Marino
088	Sardinian
089	Sicilian
090	Tuscan
091	Venetian
092	**Kosovan**
093	**Lapp**
093	Laplander
093	Sami
093	Samelat
094	**Latvian**
094	Lettish
095	**Liechtensteiner**
096	**Lithuanian**
097	**Luxembourger**
098	**Macedonian**
099	**Maltese**
099	Gozo
100	**Manx**
101	**Moldovian**

102	**Monegasque**
102	Monacan
103	**Montenegrin**
104	**North Caucasian**
104	Abkhazian
104	Adyge
104	Avar
104	Balkar
104	Chechen
104	Darghinian
104	Ingush
104	Kabardinian
104	Kumyk
104	Lezgian
104	Circassian
104	Ossetian
105	**Northern Irelander**
105	North Irish
105	Orangeman
105	Ulsterman
106	**Norwegian**
106	Jan Meyen Islander
106	Svalbard Islander
107	**Polish**
107	Gorale
107	Pole
108	Kashubian
109	**Portuguese**
109	Lusitanian
109	Luso
110	Azores Islander
111	Madeiran
112	**Roma**
112	Boyash

112	Cale
112	Churara
112	Gitanos
112	Gypsy
112	Kalderash
112	Luri
112	Machwaya
112	Manouche
112	Romani
112	Romanichal
112	Senti
112	Xoraxaya
113	**Romanian**
113	Transylvanian
114	Vlach
114	Wallachian
115	**Scandinavian**
115	Fenno-Scandinavian
116	Nordic
117	Viking
118	**Scotch Irish**
119	**Scottish**
119	Orkney Islander
119	Pict
119	Scot
119	Scotch
119	Scots
119	Scottie
119	Shetland Islander
120	**Serbian**
121	**Siberian**
122	**Slavic**
122	Lusatian
122	Slav

123	Slavonian
124	Sorb
124	Wend
125	**Slovakian**
125	Slovak
126	**Slovenian**
126	Slovenski
126	Slovene
126	Windish
127	**Soviet Union**
128	**Swedish**
128	Aland Islander
128	Swede
129	**Swiss**
129	Romansh
129	Suisse Romande
130	Suisse
131	Switzer
132	**Russian**
132	Nivkh
133	**Tatar**
133	Crimean Tatar
133	Kazan Tatar
133	Nogay Tatar
133	Polish Tatar
133	Volga Tatar
134	**Turkish**
134	Hatay
134	Turk
135	**Ukrainian**
135	Boyko
135	Husel

136	Lemko
137	**Volga**
137	Black German
137	Black Sea German
137	Volga German
137	Volhynian German
138	German From Russia
139	**Welsh**
139	Cymric
139	Welch
140	**Western European**
140	Other Western European
141	**Yugoslavian**
141	Yugoslav
142-181, 195	**MIDDLE EAST AND NORTH AFRICA**
142	**Middle East or North African (Checkbox)**
143	**Algerian (Checkbox)**
144	**Egyptian (Checkbox)**
145	**Iranian (Checkbox)**
146	**Lebanese (Checkbox)**
147	**Moroccan (Checkbox)**
148	**Syrian (Checkbox)**
149	**Algerian**
150	**Arab**
150	Arabia
150	Arabian
150	Arabic

151	**Assyrian**
152	**Bahraini**
153	**Bedouin**
154	**Berber**
154	Amazigh
154	Kabyle
154	Tuareg
155	**Chaldean**
155	Chaldo
156	**Egyptian**
157	Copt
158	**Emirati**
158	United Arab Emirates
159	**Iranian**
159	Persian
160	**Iraqi**
161	**Israeli**
162	**Jordanian**
163	**Kurdish**
163	Kurd
164	**Kuwaiti**
165	**Lebanese**
165	Phoenician
166	**Libyan**
167	**Middle Eastern**

168	**Moroccan**
168	Moor
169	**North African**
170	**Omani**
170	Kuria Muria Islander
171	**Other Arab**
172	**Other Middle Eastern**
172	Jerusalem
172	Near Easterner
195	Druze
173	**Other North African**
173	Maghreb
174	**Palestinian**
175	**Qatari**
176	**Saudi Arabian**
176	Saudi
177	**Syriac**
177	Aramean
177	Suryoyo
178	**Syrian**
178	Latakian
179	**Tunisian**
180	**Western Saharan**
180	Sahrawi
181	**Yemeni**
181	Yemenite

182-185	**NORTH AMERICA**
182	**Cajun**
183	**Canadian**
184	**French Canadian**
185	**Pensylvanian German**
185	Amish
185	Mennonite
185	Pennsylvania Dutch
186-194	**OTHER WHITE RESPONSES**
186	**Afrikaner**
186	Boer
187	**Australian**
188	**Caucasian**
189	**Greenlander**
190	**New Zealander**
191-194	**Other White Responses**
191	Other White
192	Anglo
192	Anglosaxon
193	Appalachian
194	Not Used
(195)	*(see Druze under Other Middle Eastern)*
196-199	**Not Used**

200-299 HISPANIC OR LATINO

200	**Hispanic (Checkbox)**

201	**Mexican (Detailed Checkbox)**
202	**Puerto Rican (Detailed Checkbox)**
203	**Cuban (Detailed Checkbox)**
204	**Salvadoran (Detailed Checkbox)**
205	**Dominican (Detailed Checkbox)**
206	**Colombian (Detailed Checkbox)**
207	**Yes, another Hispanic, Latino, or Spanish origin (Detailed Checkbox)**
208	**No, not of Hispanic, Latino, or Spanish origin (Detailed Checkbox)**
209	**Not Used**
210-219	**MEXICAN**
210	**Mexican**
210	Mex
210	Mexicana
210	Mexicano
211	**Mexican American**
211	American Chicano
211	American Mexican
211	American Mexicana
211	American Mexicano
211	American Mexico
211	Chicano American
211	Mex Am
211	Mex American
211	Mexam
211	Mexican Am
211	Mexican Amer
211	Mexican USA
211	Mexicana American
211	Mexicana Americana
211	Mexicano American
211	Mexicano Americano
211	Mexico American
212	**Not used**

213	**Chicano**
213	Chicana
214	**La Raza**
215	**Mexican Geography**
215	Aguascalientes
215	Baja California
215	Campeche
215	Chiapas
215	Chihuahua
215	Coahuila
215	Colima
215	Distrito Federal
215	Durango
215	Guanajuato
215	Guerrero
215	Hidalgo
215	Jalisco
215	Matamoros
215	Mexico
215	Michoacan
215	Morelos
215	Nayarit
215	Nayvarit
215	Nuevo Leon
215	Oaxaca
215	Puebla
215	Queretaro
215	Quintana Roo
215	San Luis Potosi
215	Sinaloa
215	Sonora
215	Tabasco
215	Tamaulipas
215	Tlaxcala
215	Tlaxkala
215	Veracruz
215	Yucatan
215	Zacateco
215	Zacatecas
216-219	**Not Used**

220-228 **CENTRAL AMERICAN**

220	**Costa Rican**
220	Costa Rica
220	Costarrican
220	Costarricense
220	Costarriquena
220	Costarriqueno
220	Costarriqueno
220	Nicoya
221	**Guatemalan**
221	Chapin
221	Chapina
221	Guatemala
221	Guatemalteca
221	Guatemalteco
221	Zacapa
222	**Honduran**
222	Bay Islands
222	Honduras
222	Hondurena
222	Hondureno
223	**Nicaraguan**
223	Managua
223	Nicaragua
223	Nicaraguena
223	Nicaragueno
223	Nicaraguense
224	**Panamanian**
224	Panama
224	Panamena
224	Panameno
225	**Salvadoran**
225	El Salvador
225	El Salvadorean
225	El Salvadorian
225	Salvador
225	Salvadorean
225	Salvadorena
225	Salvadoreno

225	Salvadorian
225	San Salvador
226	**Central American**
226	America Central
226	Central America
226	Centroamericana
226	Centroamericano
227	Not Used
228	**Canal Zone**
228	Zonian
229	Not Used
230-240	**SOUTH AMERICAN**
230	**Argentinean**
230	Argentina
230	Argentine
230	Argentinian
230	Argentino
231	**Bolivian**
231	Bolivia
231	Boliviana
231	Boliviano
232	**Chilean**
232	Arauca
232	Arauco
232	Chile
232	Chilena
232	Chileno
233	Not Used
234	**Colombian**
234	Antiochio
234	Bogota
234	Colombia
234	Colombiana
234	Colombiano
234	Medellin
235	**Ecuadorian**
235	Ecuador

235	Ecuadoran
235	Ecuatoriana
235	Ecuatoriano
235	Galapagos Islander
235	Guayaquil
236	**Paraguayan**
236	Paraguay
236	Paraguaya
236	Paraguayana
236	Paraguayano
236	Paraguayo
237	**Peruvian**
237	Peru
237	Peruana
237	Peruano
238	**Uruguayan**
238	Montevideo
238	Uruguay
238	Uruguaya
238	Uruguayo
239	**Venezuelan**
239	Caracas
239	Venezolana
239	Venezolano
239	Venezuela
240	**South American**
240	America Del Sur
240	South America
240	Sudamerica
240	Sudamericana
240	Sudamericano
241-246	**CARIBBEAN**
241	**Caribbean Hispanic**
241	Caribeno
241	Caribena
242	**Caribbean Indian**
242	Carib

242	Taino
242	Other Caribbean Indian
243	**Cuban**
243	Cuba
243	Cubana
243	Cubano
243	Guajira
243	Guajira
243	Guajiro
243	Guantanamo
244	**Dominican**
244	D R
244	Dom
244	Dominican Republic
244	Dominicana
244	Dominicano
244	DR
244	Espanola Island
244	Hispaniola
244	Republica Dominicana
244	Santo Domingo
245	**Puerto Rican**
245	Boricua
245	Borinquena
245	Borinqueno
245	Guayama
245	Mayaguez
245	New York Puerto Rican
245	P R
245	Puerto Rico
245	Puertorriquena
245	Puertorriqueno
246	**Not Used**
247-259	**<u>EUROPEAN (SPANIARD)</u>**
247	**Spaniard**
247	Espana
247	Espano
247	Espanol
247	Espanola

247	Iberan
247	Iberian
247	Ibero
247	Navarra
247	Spain
248	**Andalusian**
248	Malaga
249	**Asturian**
250	**Castillian**
250	Castellana
250	Castellano
250	Castile
250	Castilian
251	**Catalan**
251	Catalana
251	Catalonia
251	Catalonian
252	**Balearic Islander**
252	Majorca
252	Majorcan
252	Mallorca
252	Mallorcan
252	Mallorquin
252	Mallorquina
252	Minorcan
253	**Gallego**
253	Galicia
253	Galician
253	Gallega
254	**VALENCIAN**
254	Valenciana
254	Valenciano
255	**Canarian**
255	Canaria
255	Canario
255	Canary Islander

256	**SPANISH BASQUE**
256	Basque Spanish
256	Vasca
256	Vasco
257-259	**Not Used**
260-261	**AFRO DESCENDENT**
260	**Afro Latino**
260	African Latina
260	African Latino
260	Africano Latino
260	Afrolatino
260	Latina Africana
260	Latinegra
260	Latinegro
260	Latino Africano
261	**Garifuna**
261	Garifunas
262-269	**Not Used**
270-284	**OTHER SPANISH/HISPANIC**
270	**Latin American**
270	America Latina
270	Latinoamericana
270	Latinoamericano
271	**Latin**
272	**Latino**
272	Latina
273	**Hispanic**
273	Ispano
273	Espanic
273	Hispana
273	Hispano
273	Spanic
274	**Spanish**
274	Espanish

274	Span
274	Spano
275	**Californio**
276	**Tejano**
276	Tejana
277	**Nuevo Mexicano**
277	Nueva Mexicana
278	**Spanish American**
279-280	**Not Used**
281	**Mestizo**
281	Mestiza
282-284	**Other Hispanic, Not Elsewhere Classified**
282	Other Hispanic
282	Antioquiano
282	Cholo
282	Criolla
282	Criollo
282	Islena
282	Isleno
283	**Jabao**
284	**Trigueno**
285	**Hispanic Afro-Latino (Edit-generated)**
286-299	**Not Used**

300-399 BLACK OR AFRICAN AMERICAN

300	**Black or African American (Checkbox)**
301	**African American (Detailed Checkbox)**
302	**Ethiopian (Detailed Checkbox)**
303	**Haitian (Detailed Checkbox)**

304	**Jamaican (Detailed Checkbox)**
305	**Nigerian (Detailed Checkbox)**
306	**Somali (Detailed Checkbox)**
307	**Black Afro-Latino (Edit-generated)**
308-310	**Not Used**
311-319	**MAJOR U.S. TERMS**
311	**African American**
312	**Afro-American**
312	Afro
313	**Black**
314	**Negro**
315	**Nigritian**
315	Nigician
315	Nigiritia
315	Nigritic
316	**Black ethnic group, not elsewhere classified**
316	Colored
316	Fulasha (Black Jews)
316	Geechee
316	Gullah
316	Rasta
316	Rastafarian
316	Bilalian
317-319	**Not Used**
320-379	**NATIONALITIES/REGIONAL TERMS - SUB-SAHARAN AFRICA**
320	**African**
320	Africa
320	East African
320	Eastern African
320	East Africa
320	West African

320	West Africa
320	Western African
321	**Angolan**
321	Angola
321	Cabinda
322	**Motswana (Botswana)**
322	Batswana
322	Bechuana
322	Bechuanaland
322	Botswanaland
322	Tswana
322	Tswanna
322	Setswana
322	Botswana
323	**Beninese (formerly Dahomey)**
323	Beninois
323	Benin
323	Dahoman
323	Dahomean
323	Dahomeyan
323	Fon
324	**Burkinabe (Burkina Faso; formerly the Republic of Upper Volta)**
324	Burkina
324	Burkina Faso
324	Burkinabe
324	Mossi
324	Upper Volta
324	Volta
325	**Burundian**
325	Burundi
325	Urundi
326	**Central African (Central African Republic)**
326	Ubangi Shari
326	Central African Republic
327	**Chadian**
327	Chad
327	Sara

328	**Congolese (Democratic Republic of the Congo [formerly Zaire])**
328	Belgian Congo
328	Middle Congo
328	Congolese
328	Congo
328	Kinshasa
328	Zaire
328	DR Congo
328	DRC
328	DROC
328	East Congo
329	**Ivoirian**
329	Ivorian
329	Cote d'Ivorien (Ivory Coast)
329	Ivory Coast
330	**Equatorial Guinean**
330	Annobon Islander
330	Bioko Islander
330	Corsico Islander
330	Elobeis Islander
330	Fernando Po Islander
330	Rio Muni
331	**Eritrean**
331	Eritrea
332	**Ethiopian**
332	Abyssinia
332	Abyssinian
332	Amhara
332	Amharic
332	Ethiopia
332	Habesma
332	Oromo
333	**Gabonese**
333	Gabon
333	Gaboon
333	Gabun
334	**Gambian**
334	Gambia
334	Jola

335	**Ghanaian**
335	Akan
335	Ashanti
335	Fanti
335	Ghana
335	Ghanese
335	Gold Coast
335	Twi
336	**Guinean**
336	Guinea
337	**Bisseau-Guinean**
337	Guinea Bissau
337	Guinea-Bissaun
337	Guinean Criolo
337	Upper Guinean Crioulo
337	Papel
338	**Kenyan**
338	Kenya
338	Kikuyu
338	Kisii
338	Masai
339	**Liberian**
339	Kpelle
339	Americo-Liberian
339	Liberia
340	**Malagasy**
340	Madagasy
340	Madagascan
340	Madagascar
341	**Malawian**
341	Malawi
342	**Malian**
342	Mali
343	**Mozambican**
343	Mozambique
344	**Namibian**

345	**Nigerien (Niger)**
345	Niger
346	**Nigerian (Nigeria)**
346	Edo
346	Anang
346	Annang
346	Bini
346	Birom
346	Bwatiye
346	Efik
346	Esan
346	Etsako
346	Gira
346	Haoussa
346	Hausa
346	Holma
346	Hona
346	Ibibio
346	Itsekiri
346	Poll
346	Kona
346	Lama
346	Nigeria
346	Nupe
346	Pai
346	Ron
346	Tiv
346	Tur
346	Urhobo
347	Yoruba
348	Igbo
348	Ibo
349	**Rwandan**
349	Rwanda
350	**Senegalese**
350	Dakar
350	Senegal
350	Diola
350	Ouolof
350	Wolof
350	Serer
350	Serere

351	**Sierra Leonean**
351	Sierra Leone
351	Krio
351	Temme
351	Temne
351	Saro
352	**Somali**
352	Somalian
352	Somali Republic
352	Somalia
353	**South African**
353	Natalian
353	Natal
353	North Sotho
353	Orange Free State
353	Pretoria
353	Republic of South Africa
353	Transkei
353	Transvaal
353	Union of South Africa
353	Xhosa
353	South Africa
353	Zulu
354	**South Sudanese**
354	South Sudan
354	Dinka
354	Nuer
355	**Swazi**
355	Swaziland
356	**Togolese**
356	Togoland
356	Togolander
357	**Ugandan**
357	Acholi
357	Baganda
357	Lugbara
357	Uganda

358	**Tanzanian**
358	Tanganyika
358	Tanganyikan
358	Zanzibar Islander
358	Tanzania
359	**Zambian**
359	Zambia
359	Bemba
360	**Zimbabwean**
360	Shona
360	Rhodesia
360	Rhodesian
360	Southern Rhodesian
360	Zimbabwe
361-362	**Other Sub-Saharan African (Generic/Multiple Country Terms)**
361	Bambara
361	Bantu
361	Bassa
361	Burji
361	Cushite
361	Ewe
361	Fang
361	Hutu
361	Kushite
361	Lala
361	Mada
361	Mande
361	Manjack
361	Malinke
361	Mandinga
361	Mandingo
361	Mandinka
361	Ndebele
361	Ngoni
361	Nilotic
361	Nubian
361	Sesotho
361	Sotho
361	Watusi
361	Congolese (Republic of Congo)
361	Congo Brazzaville
361	Mosotho (Lesotho)

361	Basotho
361	Basuto
361	Basutoland
361	Lesothoan
361	Lesotho
361	Djiboutian
361	Afars and Issas
361	Jibuti
361	Djibouti
361	Seychelloi
361	Seychelles
361	Sao Tomean
361	Sao Tome
362	Fulani
362	Fula
362	Fulbe
362	Peuhl
362	Peul
362	Pulaar
362	Pulani
363	**Cameroonian**
363	Bamileke
363	Cameroon
363	Cameroun
363	Fako
363	Cameroon Highlanders
364-379	**Not Used**
380-396	**NATIONALITIES/REGIONAL TERMS - THE CARIBBEAN**
380	**Antiguan and Barbudan**
380	Antigua
380	Barbuda
381	**Bahamian**
381	Eleutheran
381	Nassau
381	Bahamas
382	**Barbadian**
382	Barbados
382	Bajan (collequial for Barbadian)

383	**Dominica Islander**
383	Dominica
384	**Grenadian**
384	Grenada
384	Grenada Islander
385	**Haitian**
385	Haiti
386	**Jamaican**
386	Jamaica
387	**Kittian and Nevisian**
387	Kittian
387	Nevisian
388	**St. Lucian**
388	St. Lucia
388	St. Lucian Islander
389	**Trinidadian and Tobagonian**
389	Tobago
389	Trinidad
389	Trinidadian
389	Trinidano
389	Tobagonian
390	**Vincent-Grenadine Islander**
390	Vincentian
391	**Virgin Islander**
391	U.S. Virgin Islander
391	St. John Islander
392	St. Thomas Islander
393	St. Croix Islander
393	Crucian
393	Cruzan
394	British Virgin Islander
394	British VI
395	**West Indian (West Indies)**
395	Dutch West Indian
395	British West Indian
395	French West Indian

396	**Other Caribbean**
396	Lesser Antilles
396	Martinique
396	Martinican
396	Montserratian
396	Montserrat Islander
396	Curacaoan
396	Curacao
396	Turks and Caicos Islander
396	Grand Turk
396	Turks and Caicos
396	Anguillan
396	Anguilla
397-399	**Not Used**

400-499 ASIAN

400	**Asian (Checkbox)**
401	**Chinese (Detailed Checkbox)**
402	**Filipino (Detailed Checkbox)**
403	**Asian Indian (Detailed Checkbox)**
404	**Vietnamese (Detailed Checkbox)**
405	**Korean (Detailed Checkbox)**
406	**Japanese (Detailed Checkbox)**
407	**Other Asian (Detailed Checkbox)**
408	**Asian**
409	**Not Used**

410-415 CENTRAL ASIAN

410	**Central Asian**
411	**Kazakh**
412	**Kyrgyz**

413	**Tajik**
414	**Turkmen**
415	**Uzbek**
415	Karakalpak
416-425, 468-469	**EAST ASIAN**
469	**East Asian**
416	**Chinese**
416	Cantonese
416	Fuzhou
417	Hakka
417	Hunan
417	Mandarin
417	Shanghai
417	Teochew
417	Uyghur
418	Han
419	Hong Kong
420	Macanese
420	Macau
468	**Hmong**
421	**Japanese**
421	Iwo Jiman
422	Okinawan
423	**Korean**
424	**Mongolian**
425	**Taiwanese**
426-436	**SOUTH ASIAN**
426	**South Asian**
427	**Afghan**
427	Hazara

428	**Asian Indian**
428	Bihari
428	East Indian
428	Goan
428	Gujarati
428	Hindi
428	Hindustani
428	Ravidassia
428	Singh
428	Telugu
429	**Bangladeshi**
430	**Bengali**
430	Kashmiri
430	Punjabi
431	**Bhutanese**
432	**Maldivian**
433	**Nepalese**
434	**Pakistani**
435	**Sindhi**
436	**Sri Lankan**
436	Ceylonese
436	Sinhalese
436	Tamil
437-449	**SOUTHEAST ASIAN**
437	**Southeast Asian**
438	**Bruneian**
438	East Timorese
439	**Burmese**
439	Arakanese
439	Chin
439	Karen
439	Kayah
439	Myanmar

439	Rakhine State
439	Shan
439	Sizang
439	Zomi
440	**Cambodian**
440	Bunong
441	**Filipino**
441	Ilocano
441	Tagalog
441	Visayan
442	**Indonesian**
442	Balinese
442	Javanese
443	**Laotian**
443	Khmu
443	Lao
444	**Malaysian**
445	**Mien**
445	Iu Mien
446	**Singaporean**
447	**Thai**
448	**Vietnamese**
448	Champa
448	Jarai
448	Khmer Krom
448	Saigon
449	Montagnard
450-467	**OTHER ASIAN**
450	**Other Asian**
451	**Asiatic**
452	**Bukharian**

453	**Buryat**
454	**Cham**
455	**Indo-Chinese**
456	**Kalmyk**
457	**Khmer**
458	**Kuki**
459	**Lahu**
460	**Malay**
461	**Mizo**
462	**Pamiri**
463	**Pashtun**
464	**Sikh**
465	**Tai Dam**
466	**Tibetan**
467	**Urdu**
(468)	*(see Hmong under East Asian)*
(469)	*(see East Asian under East Asian)*
470-499	**Not Used**

500-599, A01-Z99 AMERICAN INDIAN OR ALASKA NATIVE

500	**American Indian or Alaska Native (Checkbox)**
501	**American Indian (Detailed Checkbox)**
502	**Alaska Native (Detailed Checkbox)**

503	**Central or South American Indian (Detailed Checkbox)**
504-599	**Not Used**
A01-M43, T01-Z99	**AMERICAN INDIAN TRIBES**
	Abenaki (A01-A04)
A01	Abenaki Nation of Missisquoi
A02	Koasek (Cowasuck) Traditional Band of the Sovereign Abenaki Nation
	Algonquian (A05-A08)
A05	Algonquian
	Apache (A09-A23)
A09	Apache
A11	Fort Sill Apache (Chiricahua)
A12	Jicarilla Apache Nation
A13	Lipan Apache
A14	Mescalero Apache Tribe of the Mescalero Reservation, New Mexico
A15	Apache Tribe of Oklahoma
A16	Tonto Apache Tribe of Arizona
A17	San Carlos Apache Tribe of the San Carlos Reservation
A18	White Mountain Apache Tribe of the Fort Apache Reservation, Arizona
	Arapaho (A24-A33)
A24	Arapaho
A25	Northern Arapaho
A26	Southern Arapaho
A27	Arapaho Tribe of the Wind River Reservation, Wyoming
	Assiniboine (A34-A37)
A34	Assiniboine
	Assiniboine Sioux (A38-A44)
A38	Assiniboine Sioux
A39	Fort Peck Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation
A40	Fort Peck Assiniboine
A41	Fort Peck Sioux
	Blackfeet (A45-A50)
A45	Blackfeet Tribe of the Blackfeet Indian Reservation of Montana

Brotherton (A51-A52)

A51 Brotherton

Burt Lake (A53-A55)

A53 Burt Lake Chippewa
A54 Burt Lake Band of Ottawa and Chippewa Indians
A55 Burt Lake Ottawa

Caddo (A56-A60)

A56 Caddo
A57 Caddo Nation of Oklahoma
A58 Caddo Adais Indians

Cahuilla (A61-A74)

A61 Agua Caliente Band of Cahuilla Indians
A62 Augustine Band of Cahuilla Indians
A63 Cabazon Band of Mission Indians
A64 Cahuilla
A65 Los Coyotes Band of Cahuilla and Cupeno Indians
A66 Morongo Band of Cahuilla Mission Indians
A67 Santa Rosa Band of Cahuilla Indians
A68 Torres-Martinez Desert Cahuilla Indians
A69 Ramona Band or Village of Cahuilla

California Tribes (A75-B03)

A75 Cahto Indian Tribe of the Laytonville Rancheria
A76 Chimariko
A79 Kawaiisu
A80 Kern River Paiute Council
A81 Mattole
A82 Red Wood
A83 Santa Rosa Indian Community
A84 Takelma
A85 Wappo
A86 Yana
A87 Yuki
A88 Bear River Band of Rohnerville Rancheria
A89 California Valley Miwok Tribe
A90 Redding Rancheria, California
A92 Cher-Ae Heights Indian Community of the Trinidad Rancheria

Catawba (B04-B06)

B04 Catawba Indian Nation

Cayuse (B07-B10)

B07 Cayuse

Chehalis (B11-B13)

B11 Confederated Tribes of the Chehalis Reservation, Washington

Chemakuan (B14-B18)

B14 Chemakuan

B15 Hoh Indian Tribe of the Hoh Reservation, Washington

B16 Quileute Tribe of the Quileute Reservation, Washington

Chemehuevi (B19-B20)

B19 Chemehuevi Indian Tribe

Cherokee (B21-B39)

B21 Cherokee

B22 Cherokee Alabama

B23 Cherokee Tribe of Northeast Alabama

B24 Cher-O-Creek Intratribal Indians

B25 Eastern Band of Cherokees

B26 Echota Cherokee Tribe of Alabama

B27 Georgia Eastern Cherokee

B28 Northern Cherokee Nation of Missouri and Arkansas

B29 Tuscola

B30 United Keetoowah Band of Cherokee

B31 Cherokee Nation of Oklahoma (Western Cherokee)

B32 Southeastern Cherokee Council

B33 Sac River Band of the Chickamauga-Cherokee

B34 White River Band of the Chickamauga-Cherokee

B35 Four Winds Cherokee

B36 Cherokee of Georgia

Piedmont American Indian Association-Lower Eastern Cherokee Nation SC (PAIA)

B37

B38 United Cherokee Ani-Yun-Wiya Nation

B39 Cherokee Bear Clan of South Carolina

Cheyenne (B40-B45)

B40 Cheyenne

Northern Cheyenne Tribe of the Northern Cheyenne Reservation, Montana

B41

B42 Southern Cheyenne

Cheyenne-Arapaho (B46-B48)

B46 Cheyenne and Arapaho Tribes, Oklahoma

Chickahominy (B49-B52)

B49 Chickahominy Indian Tribe
B50 Chickahominy Eastern Band

Chickasaw (B53-B56)

B53 Chickasaw Nation
B54 Chaloklowa Chickasaw

Chinook (B57-B66)

B57 Chinook
B58 Clatsop
B59 Columbia River Chinook
B60 Kathlamet
B61 Upper Chinook
B62 Wakiakum Chinook
B63 Willapa Chinook
B64 Wishram

Chippewa (B67-C01)

B67 Bad River Band of the Lake Superior Tribe
B68 Bay Mills Indian Community
B69 Bois Forte Band of Chippewa
B71 Chippewa
B72 Fond du Lac
B73 Grand Portage
B74 Grand Traverse Band of Ottawa and Chippewa Indians
B75 Keweenaw Bay Indian Community
B76 Lac Court Oreilles Band of Lake Superior Chippewa
B77 Lac du Flambeau
B78 Lac Vieux Desert Band of Lake Superior Chippewa Indians
B79 Lake Superior Chippewa
B80 Leech Lake
B81 Little Shell Tribe of Chippewa Indians of Montana
B82 Mille Lacs
B83 Minnesota Chippewa
B85 Red Cliff Band of Lake Superior Chippewa
B86 Red Lake Band of Chippewa Indians
B87 Saginaw Chippewa Indian Tribe
B88 St. Croix Chippewa
B89 Sault Ste. Marie Tribe of Chippewa Indians
B90 Sokaogon Chippewa Community
B91 Turtle Mountain Band of Chippewa Indians of North Dakota
B92 White Earth
B93 Swan Creek Black River Confederate Tribe

Chippewa Cree (C02-C04)

C02 Chippewa-Cree Indians of the Rocky Boy's Reservation

Chitimacha (C05-C07)

C05 Chitimacha Tribe of Louisiana

C06 Pointe Au-Chien Indian Tribe

Choctaw (C08-C16)

C08 Choctaw

C09 Clifton Choctaw

C10 Jena Band of Choctaw

C11 Mississippi Band of Choctaw Indians

C12 MOWA Band of Choctaw Indians

C13 Choctaw Nation of Oklahoma

Choctaw-Apache (C17-C19)

C17 Choctaw-Apache Community of Ebarb

Chumash (C20-C24)

C20 Chumash

C21 Santa Ynez Band of Chumash Mission Indians

C22 San Luis Rey Mission Indian

Clear Lake (C25)

C25 Clear Lake

Coeur D'Alene (C26-C28)

C26 Coeur D'Alene Tribe

Coharie (C29-C31)

C29 Coharie Indian Tribe

Colorado River Indian (C32-C34)

C32 Colorado River Indian Tribes

Colville (C35-C38)

C35 Confederated Tribes of the Colville Reservation

Comanche (C39-C43)

C39 Comanche Nation, Oklahoma

Coos, Lower Umpqua, and Siuslaw (C44-C45)

C44 Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians

Coos (C46)

C46 Coos

Coquille (C47-C48)

C47 Coquille Indian Tribe

Costanoan (C49-C51)

C49 Costanoan

Coushatta (C52-C55)

C52 Alabama-Coushatta Tribe of Texas

C53 Coushatta

Cowlitz (C56-C58)

C56 Cowlitz Indian Tribe

Cree (C59-C63)

C59 Cree

Creek (C64-C80)

C64 Alabama Creek

C65 Alabama Quassarte Tribal Town

C66 Muscogee (Creek) Nation

C67 Eastern Creek

C68 Eastern Muscogee

C69 Kialegee Tribal Town

C70 Lower Muscogee Creek Tama Tribal Town

C71 MaChis Lower Creek Indian Tribe

C72 Poarch Band of Creek Indians

C73 Principal Creek Indian Nation

C74 Lower Creek Muscogee Tribe East, Star Clan

C75 Thlopthlocco Tribal Town

C76 Tuckabachee

Croatan (C81-C82)

C81 Croatan

Crow (C83-C86)

C83 Crow Tribe of Montana

Cumberland (C87-C88)

C87 Cumberland County Association for Indian People

Cupeno (C89-C92)

C89 Agua Caliente

C90	Cupeno
	Delaware (C93-D04)
C93	Delaware (Lenni-Lenape)
C94	Delaware Tribe of Indians, Oklahoma
C96	Munsee
C97	Delaware Nation
C98	Ramapough Lenape Nation (Ramapough Mountain)
C99	New Jersey Sand Hill Band of Indians, Inc
D01	Allegheny Lenape
	Diegueno (Kumeyaay) (D05-D19)
D05	Barona Group of Capitan Grande Band
D06	Campo Band of Diegueno Mission Indians
D07	Capitan Grande Band of Diegueno Mission Indians
D08	Ewiiaapaayp Band of Kumeyaay Indians
D09	Diegueno (Kumeyaay)
D10	La Posta Band of Diegueno Mission Indians
D11	Manzanita Band of Diegueno Mission Indians
D12	Mesa Grande Band of Diegueno Mission Indians
D13	San Pasqual Band of Diegueno Mission Indians
D14	Iipay Nation of Santa Ysabel
D15	Sycuan Band of the Kumeyaay Nation
D16	Viejas (Baron Long) Group of Capitan Grande Band
D17	Inaja Band of Diegueno Mission Indians of the Inaja and Cosmit Reservation
D18	Jamul Indian Village
	Eastern Tribes (D20-D41)
D20	Attacapa
D21	Biloxi
D22	Georgetown
D23	Moor Indian
D24	Nansemond Indian Tribe
D25	Natchez Indian Tribe of South Carolina (Kusso-Natchez; Edisto)
D26	Nausu Waiwash
D28	Golden Hill Paugussett
D29	Pocomoke Acohonock
D30	Southeastern Indians
D31	Susquehanock
D32	Biloxi-Chitimacha-Choctaw Confederation
D33	Tunica Biloxi Indian Tribe of Louisiana
D34	Waccamaw Siouan Indian Tribe
D35	Beaver Creek Indians
D36	Wicomico

D37	Meherrin Indian Tribe
D38	Santee Indian Organization
D39	Santee Indian Nation of South Carolina
D40	Pee Dee Indian Tribe of South Carolina
D41	Pee Dee Indian Nation of Upper South Carolina
	Esselen (D42-D43)
D42	Esselen
	Fort Belknap (D44)
D44	Fort Belknap Indian Community of the Fort Belknap Reservation
	Three Affiliated Tribes of North Dakota (D45-D48)
D45	Three Affiliated Tribes of Ft. Berthold Reservation, North Dakota
D46	Mandan
D47	Hidatsa
D48	Arikara (Sahnish)
	Fort McDowell (D49-D50)
D49	Fort McDowell Yavapai Nation
	Fort Hall (D51-D54)
D51	Shoshone-Bannock Tribes of the Fort Hall Reservation
D52	Lemhi-Shoshone
D53	Bannock
	Gabrieleno (D55)
D55	Gabrieleno
	Fernandeno Tataviam Band of Mission Indians (D56-D56)
D56	Fernandeno Tataviam Band of Mission Indians
	Grand Ronde (D57-D57)
D57	Confederated Tribes of the Grand Ronde Community of Oregon
	Guilford (D58-D59)
D58	Guilford Native American Association
	Gros Ventres (D60-D63)
D60	Atsina
D61	Gros Ventres
	Haliwa-Saponi (D64-D67)
D64	Haliwa-Saponi Indian Tribe

Ho-Chunk Nation (D68-D69)

D68 Ho-Chunk Nation

Hoopa (D70-D73)

D70 Hoopa Valley Tribe
D71 Trinity
D72 Whilkut

Hopi (D74-D75)

D74 Hopi Tribe of Arizona
D75 Arizona Tewa

Hoopa Extension (D76-D77)

D76 Hoopa Extension

Houma (D78-D86)

D78 United Houma Nation

Iowa (D87-D90)

D87 Iowa
D88 Iowa Tribe of Kansas and Nebraska
D89 Iowa Tribe of Oklahoma

Sappony (Indians of Person County) (D91-D92)

D91 Sappony

Iroquois (D93-E09)

D93 Cayuga Nation
D94 Iroquois
D95 Mohawk
D96 Oneida
D97 Onondaga Nation
D98 Seneca
D99 Seneca Nation
E01 Seneca-Cayuga Tribe of Oklahoma
E02 Tonawanda Band of Seneca Indians
E03 Tuscarora Nation
E04 Wyandotte Nation, Oklahoma
E05 Oneida Nation of New York

Juaneno (Acjachemem) (E10-E12)

E10 Juaneno (Acjachemem)

Kalispel (E13-E16)

E13 Kalispel Indian Community

Karuk (E17-E20)

E17 Karuk Tribe of California

Kaw (E21-E23)

E21 Kaw Nation

Kickapoo (E24-E29)

E24 Kickapoo

E25 Kickapoo Tribe of Oklahoma

E26 Kickapoo Traditional Tribe of Texas

E27 Kickapoo Tribe of Indians in Kansas

Kiowa (E30-E36)

E30 Kiowa

E31 Kiowa Indian Tribe of Oklahoma

S'Klallam (E37-E43)

E37 Jamestown S'Klallam Tribe of Washington

E38 Klallam

E39 Lower Elwha Tribal Community of the Lower Elwha Reservation, Washington

E40 Port Gamble S'Klallam Tribe

Klamath (E44-E47)

E44 Klamath Indian Tribe of Oregon

Konkow (E48-E49)

E48 Konkow

Kootenai (E50-E52)

E50 Kootenai

E51 Kootenai Tribe of Idaho

Lassik (E53-E58)

E53 Lassik

Long Island (E59-E65)

E59 Matinecock

E60 Montauk

E61 Poospatuck

E62 Setauket

Luiseno (E66-E77)

E66 La Jolla Band of Luiseno Mission Indians

E67 Luiseno

E68	Pala Band of Luiseno Mission Indians
E69	Pauma Band of Luiseno Mission Indians
E70	Pechanga Band of Luiseno Mission Indians
E71	Soboba Band of Luiseno Indians
E72	Twenty-Nine Palms Band of Luiseno Mission Indians
E73	Temecula
E74	Rincon Band of Luiseno Mission Indians
	Lumbee (E78-E83)
E78	Lumbee Indian Tribe
	Lummi (E84-E85)
E84	Lummi Tribe
	Maidu (E86-E94)
E86	United Auburn Indian Community
E87	Mooretown Rancheria of Maidu Indians
E88	Maidu
E89	Mountain Maidu
E90	Nisenen (Nishinam)
E91	Mechoopda Indian Tribe of Chico Rancheria
E92	Berry Creek Rancheria of Maidu Indians
E93	Enterprise Rancheria of Maidu Indians
E94	Greenville Rancheria of Maidu Indians
	Makah (E95-E99)
E95	Makah Indian Tribe
	Maliseet (F01-F08)
F01	Maliseet
F02	Houlton Band of Maliseet Indians
	Mattaponi (F09-F10)
F09	Mattaponi Indian Tribe
F10	Upper Mattaponi Tribe
	Menominee (F11-F14)
F11	Menominee Indian Tribe
	Metrolina (F15-F16)
F15	Metrolina Native American Association
	Miami (F17-F23)
F17	Illinois Miami
F18	Indiana Miami

F19	Miami
F20	Miami Tribe of Oklahoma
	Miccosukee (F24-F26)
F24	Miccosukee Tribe of Indians of Florida
	Micmac (F27-F30)
F27	Aroostook Band of Micmac Indians
F28	Micmac
	Mission Indians (F31-F33)
F31	Mission Indians
F32	Cahuilla Band of Mission Indians
	Miwok/Me-Wuk (F34-F41)
F34	Ione Band of Miwok Indians
F35	Shingle Springs Band of Miwok Indians
F36	Miwok/Me-Wuk
F37	Jackson Rancheria of Me-Wuk Indians of California
F38	Tuolumne Band of Me-Wuk Indians of California
F39	Buena Vista Rancheria of Me-Wuk Indians of California
F40	Chicken Ranch Rancheria of Me-Wuk Indians
	Modoc (F42-F45)
F42	Modoc
F43	Modoc Tribe of Oklahoma
	Mohegan (F46-F47)
F46	Mohegan Indian Tribe
	Monacan (F48-F48)
F48	Monacan Indian Nation
	Mono (F49-F52)
F49	Mono
F50	North Fork Rancheria of Mono Indians
F51	Cold Springs Rancheria of Mono Indians
F52	Big Sandy Band of Western Mono Indians
	Nanticoke (F53-F55)
F53	Nanticoke
	Nanticoke Lenni-Lenape (F56-F56)
F56	Nanticoke Lenni-Lenape

	Narragansett (F57-F63)
F57	Narragansett Indian Tribe
	Navajo (F64-F70)
F64	Navajo Nation
	Nez Perce (F71-F74)
F71	Nez Perce Tribe of Idaho (Nimiipuu)
	Nipmuc (F75-F76)
F75	Hassanamisco Band of the Nipmuc Nation
F76	Chaubunagungamaug Nipmuck
D27	Nipmuc
	Nomlaki (F77-F79)
F77	Nomlaki
F78	Paskenta Band of Nomlaki Indians
	Northwest Tribes (F80-F94)
F80	Alsea
F81	Celilo
F82	Columbia
F83	Kalapuya
F84	Molalla
F85	Talakamish
F86	Tenino
F87	Tillamook
F88	Wenatchee
	Omaha (F95-F98)
F95	Omaha Tribe of Nebraska
	Oneida Tribe (F99)
F99	Oneida Tribe of Indians of Wisconsin
	Oregon Athabascan (G01-G03)
G01	Oregon Athabascan
	Osage (G04-G09)
G04	Osage Tribe, Oklahoma
	Otoe-Missouria (G10-G14)
G10	Otoe-Missouria Tribe of Indians

Ottawa (G15-G22)

G15 Little River Band of Ottawa Indians of Michigan
G16 Ottawa Tribe of Oklahoma
G17 Ottawa
G18 Little Traverse Bay Bands of Odawa Indians
G19 Grand River Band of Ottawa Indians

Paiute (G23-G49)

G23 Big Pine Paiute Tribe of the Owens Valley
G24 Bridgeport Paiute Indian Colony
G25 Burns Paiute Tribe
G26 Cedarville Rancheria
G27 Fort Bidwell Indian Community
G28 Fort Independence Indian Community
G29 Kaibab Band of Paiute Indians of the Kaibab Indian Reservation
G30 Las Vegas Tribe of Paiute Indians of the Las Vegas Indian Colony
G32 Lovelock Paiute Tribe of the Lovelock Indian Colony, Nevada
G33 Malheur Paiute
Moapa Band of Paiute Indians of the Moapa River Indian Reservation, Nevada
G34
G35 Northern Paiute
G37 Paiute
G38 Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada
G39 San Juan Southern Paiute Tribe of Arizona
G40 Paiute Indian Tribe of Utah (Southern Paiute)
G41 Summit Lake Paiute Tribe of Nevada
Utu Utu Gwaitu Paiute Tribe of the Benton Paiute Reservation, California
G42
G43 Walker River Paiute Tribe of the Walker River Reservation, Nevada
Yerington Paiute Tribe of the Yerington Colony and Campbell Ranch, Nevada
G44
G45 Yahooskin Band of Snake
G47 Susanville Indian Rancheria, California
G48 Winnemucca Indian Colony of Nevada

Pamunkey (G50-G52)

G50 Pamunkey Indian Tribe

Passamaquoddy (G53-G60)

G53 Indian Township
G54 Passamaquoddy Tribe of Maine
G55 Pleasant Point Passamaquoddy

Pawnee (G61-G67)

G61 Pawnee Nation of Oklahoma

G62	Pawnee
	Penobscot (G68-G71)
G68	Penobscot Tribe of Maine
	Peoria (G72-G76)
G72	Peoria Tribe of Indians of Oklahoma
G73	Peoria
	Pequot (G77-G83)
G77	Mashantucket Pequot Tribe of Connecticut
G78	Pequot
G79	Paucatuck Eastern Pequot
G80	Eastern Pequot
	Pima (G84-G91)
G84	Gila River Indian Community of the Gila River Indian Reservation
G85	Pima
G86	Salt River Pima-Maricopa Indian Community
G87	Peeposh
	Piscataway (G92-G95)
G92	Piscataway
	Pit River (G96-G98)
G96	Pit River Tribe of California
G97	Alturas Indian Rancheria
	Pomo (G99-H14)
G99	Big Valley Band of Pomo Indians of the Big Valley Rancheria
H01	Central Pomo
H02	Dry Creek Rancheria of Pomo Indians
H03	Eastern Pomo
H04	Kashia Band of Pomo Indians of the Stewarts Point Rancheria
H05	Northern Pomo
H06	Pomo
H07	Scotts Valley Band of Pomo Indians of California
H08	Stonyford
H09	Elem Indian Colony of the Sulphur Bank Rancheria
H10	Sherwood Valley Rancheria of Pomo Indians of California
H11	Guidiville Rancheria of California
H12	Lytton Rancheria of California
H13	Cloverdale Rancheria of Pomo Indians of California
H14	Coyote Valley Band of Pomo Indians of California
H66	Hopland Band of Pomo Indians

	Manchester Band of Pomo Indians of the Manchester-Point Arena Rancheria
H67	
H68	Middletown Rancheria of Pomo Indians
H69	Pinoleville Pomo Nation
H93	Potter Valley Tribe
H94	Redwood Valley Rancheria of Pomo Indians
H95	Robinson Rancheria of Pomo Indians
H96	Habematolel Pomo of Upper Lake (Upper Lake Band of Pomo Indians of Upper Lake Rancheria)
H97	Federated Indians of Graton Rancheria
H98	Lower Lake Rancheria Koi Nation
	Ponca (H15-H20)
H15	Ponca Tribe of Nebraska
H16	Ponca Tribe of Indians of Oklahoma
H17	Ponca
	Potawatomi (H21-H33)
H21	Citizen Potawatomi Nation, Oklahoma
H22	Forest County Potawatomi Community, Wisconsin
H23	Hannahville Potawatomi Indian Tribe, Michigan
H24	Nottawaseppi Huron Band of the Potawatomi, Michigan
H25	Pokagon Band of Potawatomi Indians
H26	Potawatomi
H27	Prairie Band of Potawatomi Nation, Kansas
H28	Wisconsin Potawatomi
H29	Match-e-be-nash-she-wish Band of Pottawatomi Indians
	Powhatan (H34-H37)
H34	Powhatan
	Pueblo (H38-H69)
H38	Pueblo of Acoma
H40	Pueblo of Cochiti
H42	Pueblo of Isleta
H43	Pueblo of Jemez
H45	Pueblo of Laguna
H46	Pueblo of Nambe
H47	Pueblo of Picuris
H48	Piro Manso Tiwa Tribe
H49	Pueblo of Pojoaque
H50	Pueblo
H51	Pueblo of San Felipe
H52	Pueblo of San Ildefonso
H53	Ohkay Owingeh, New Mexico

H55	San Juan
H56	Pueblo of Sandia
H57	Pueblo of Santa Ana
H58	Pueblo of Santa Clara
H59	Pueblo of Santo Domingo
H60	Pueblo of Taos
H61	Pueblo of Tesuque
H63	Ysleta Del Sur Pueblo of Texas
H64	Pueblo of Zia
H65	Zuni Tribe of the Zuni Reservation
	Puget Sound Salish (H70-H98)
H70	Marietta Band of Nooksack
H71	Duwamish
H72	Kikiallus
H73	Lower Skagit
H74	Muckleshoot Indian Tribe
H75	Nisqually Indian Tribe
H76	Nooksack Indian Tribe
H78	Puget Sound Salish
H79	Puyallup Tribe
H80	Samish Indian Tribe
H81	Sauk-Suiattle Indian Tribe
H82	Skokomish Indian Tribe of the Skokomish Indian Reservation, Washington
H83	Skykomish
H84	Snohomish
H85	Snoqualmie Tribe
H86	Squaxin Island Tribe of the Squaxin Island Reservation, Washington
H87	Steilacoom
H88	Stillaguamish
H89	The Suquamish Tribe
H90	Swinomish Indian Tribal Community
H91	Tulalip Tribes
H92	Upper Skagit Indian Tribe
	Quapaw (H99)
H99	Quapaw Tribe of Indians, Oklahoma
	Quinault (J01-J04)
J01	Quinault Tribe
	Rappahannock (J05-J06)
J05	Rappahannock Indian Tribe

Reno-Sparks (J07-J13)

J07 Reno-Sparks Indian Colony, Nevada

Round Valley (J14-J18)

J14 Round Valley Indian Tribes

Sac and Fox (J19-J27)

J19 Sac and Fox Tribe of the Mississippi in Iowa
J20 Sac and Fox Nation of Missouri in Kansas and Nebraska
J21 Sac and Fox Nation, Oklahoma
J22 Sac and Fox

Salinan (J28-J30)

J28 Salinan

Salish (J31-J34)

J31 Salish

Salish and Kootenai (J35-J37)

J35 Confederated Salish and Kootenai Tribes of the Flathead Nation

Saponi (J38)

J38 Saponi

Schaghticoke (J39-J46)

J39 Schaghticoke

Seminole (J47-J57)

J47 Big Cypress Reservation
J48 Brighton Reservation
J49 Seminole Tribe of Florida
J50 Hollywood Reservation (Dania)
J51 Seminole Nation of Oklahoma
J52 Seminole
J54 Tampa Reservation

Serrano (J58-J61)

J58 San Manuel Band of Serrano Mission Indians
J59 Serrano

Shasta (J62-J65)

J62 Shasta
J63 Quartz Valley Indian Reservation

Shawnee (J66-J73)

J66	Absentee Shawnee Tribe of Indians of Oklahoma
J67	Eastern Shawnee
J68	Shawnee
J69	Piqua Shawnee Tribe
J70	Shawnee Tribe, Oklahoma
J71	Shawnee Nation United Remnant Band
J72	East of the River Shawnee

Shinnecock (J74-J77)

J74	Shinnecock

Shoalwater Bay (J78-J80)

J78	Shoalwater Bay Tribe of the Shoalwater Bay Reservation, Washington

Shoshone (J81-J92)

J81	Duckwater Shoshone Tribe
J82	Ely Shoshone Tribe
J83	Confederated Tribes of the Goshute Reservation
J85	Shoshone
J86	Skull Valley Band of Goshute Indians of Utah
J88	Death Valley Timbi-Sha Shoshone
J89	Northwestern Band of Shoshone Nation of Utah (Washakie)
J90	Eastern Shoshone (Wind River)
J91	Yomba Shoshone Tribe of the Yomba Reservation, Nevada

Te-Moak Tribes of Western Shoshone Indians of Nevada (J93-J99)

J93	Te-Moak Tribes of Western Shoshone Indians of Nevada
J94	Battle Mountain Band
J95	Elko Band
J96	South Fork Band
J97	Wells Band

Paiute-Shoshone (K01-K09)

K01	Shoshone-Paiute Tribes of the Duck Valley Reservation
K02	Paiute-Shoshone Tribe of the Fallon Reservation and Colony, Nevada
K03	Fort McDermitt Paiute and Shoshone Tribe of Nevada and Oregon
K04	Shoshone Paiute
K05	Bishop Paiute Tribe
K06	Lone Pine

Siletz (K10-K16)

K10	Confederated Tribes of Siletz Indians of Oregon

Sioux (K17-K53)

K17 Brule Sioux
Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota
K18
K19 Crow Creek Sioux Tribe of the Crow Creek Reservation, South Dakota
K20 Dakota Sioux
K21 Flandreau Santee Sioux Tribe of South Dakota
Lower Brule Sioux Tribe of the Lower Brule Reservation, South Dakota
K24
K25 Lower Sioux Indian Community in the State of Minnesota
K26 Mdewakanton Sioux
K28 Oglala Sioux Tribe of the Pine Ridge Reservation, South Dakota
K30 Pipestone Sioux
K31 Prairie Island Indian Community
K32 Shakopee Mdewakanton Sioux Community (Prior Lake)
K33 Rosebud Sioux Tribe of the Rosebud Indian Reservation, South Dakota
K35 Santee Sioux Nation, Nebraska
K36 Sioux
Sisseton-Wahpeton Oyate of the Lake Traverse Reservation, South Dakota
K37
K39 Spirit Lake Tribe
K40 Standing Rock Sioux Tribe
K41 Teton Sioux
K43 Upper Sioux Community
K44 Wahpekute Sioux
K46 Wazhaza Sioux
K47 Yankton Sioux Tribe of South Dakota
K48 Yanktonai Sioux

Siuslaw (K54-K58)

K54 Siuslaw

Spokane (K59-K66)

K59 Spokane Tribe

Stockbridge-Munsee (K67-K76)

K67 Stockbridge-Munsee Community

Ak-Chin (K77)

K77 Ak-Chin Indian Community of the Maricopa Indian Reservation

Tohono O'Odham (K78-K86)

K78 Gila Bend
K79 San Xavier
K80 Sells

K81	Tohono O'Odham Nation of Arizona
	Tolowa (K87-K89)
K87	Tolowa
K88	Big Lagoon Rancheria
K89	Elk Valley Rancheria
A91	Smith River Rancheria
	Tonkawa (K90-K93)
K90	Tonkawa Tribe of Indians of Oklahoma
	Tygh (K94-K96)
K94	Tygh
	Umatilla (K97)
K97	Confederated Tribes of the Umatilla Indian Reservation
	Umpqua (L01-L06)
L01	Cow Creek Band of Umpqua Indians of Oregon
L02	Umpqua
	Ute (L07-L14)
L07	Ute Indian Tribe of the Uintah and Ouray Reservation, Utah
L08	Ute Mountain Ute Tribe
L09	Ute
L10	Southern Ute Indian Tribe of the Southern Ute Reservation
	Wailaki (L15-L18)
L15	Wailaki
	Walla Walla (L19-L21)
L19	Walla Walla
	Wampanoag (L22-L32)
L22	Wampanoag Tribe of Gay Head (Aquinnah)
L23	Mashpee Wampanoag Tribe
L24	Wampanoag
L25	Seaconeke Wampanoag
L26	Pocasset Wampanoag
L27	Herring Pond Wampanoag Tribe
L28	Pokanoket (Royal House of Pokanoket)
L29	Ponkapoag
L30	Chappaquiddick Tribe of the Wampanoag Indian Nation
L31	Assonet Band of the Wampanoag Nation

Warm Springs (L33-L33)

L33 Confederated Tribes of Warm Springs

Wascopum (L34-L37)

L34 Wascopum

Washoe (L38-L46)

L38 Alpine

L41 Washoe Tribe of Nevada and California

Wichita and Affiliated Tribes, Oklahoma (L47-L51)

L47 Wichita

L48 Keechi

L49 Waco

L50 Tawakonie

Wind River (L52-L55)

L52 Wind River

Winnebago (L56-L65)

L56 Winnebago Tribe of Nebraska

L57 Winnebago

Wintun (L66-L70)

L66 Wintun

L67 Cachil Dehe Band of Wintun Indians of the Colusa Rancheria

L68 Cortina Indian Rancheria of Wintun Indians

L69 Rumsey Indian Rancheria of Wintun Indians

Wintun-Wailaki (L71-L71)

L71 Grindstone Indian Rancheria of Wintun-Wailaki Indians

Wiyot (L72-L78)

L72 Wiyot Tribe, California

L74 Blue Lake Rancheria

Yakama (L79-L84)

L79 Confederated Tribes and Bands of the Yakama Nation

Yakama Cowlitz (L85-L91)

L85 Yakama Cowlitz

Yaqui (L92)

L92 Pascua Yaqui Tribe of Arizona

L93 Yaqui

Yavapai Apache (M01-M6)

M01 Yavapai Apache Nation of the Camp Verde Indian Reservation

Yokuts (M07-M15)

M07 Picayune Rancheria of Chukchansi Indians
M08 Tachi
M09 Tule River Indian Tribe
M10 Yokuts
M11 Table Mountain Rancheria

Yuchi (M16-M21)

M16 Yuchi
M17 Tla
M18 Tla Wilano
M19 Ani-stohini/Unami

Yuman (M22-M33)

M22 Cocopah Tribe of Arizona
M23 Havasupai Tribe of the Havasupai Reservation
M24 Hualapai Indian Tribe of the Hualapai Indian Reservation
M25 Maricopa
M26 Fort Mojave Indian Tribe of Arizona, California, and Nevada
M27 Quechan Tribe of the Fort Yuma Indian Reservation
M28 Yavapai-Prescott Tribe of the Yavapai Reservation

Yurok (M34-M40)

M34 Resighini Rancheria
M35 Yurok Tribe

M39 Not Used
M40 Not Used

Tribe Not Specified

M41 American Indian
M41 Native American
M42 Tribal responses, not elsewhere classified

M44-R99 **ALASKA NATIVE**

Alaska Native Not Specified (M44-M51)

M44 Alaska Indian
M47 Alaska Native

Alaskan Athabascan (M52-N27)

M52 Ahtna, Inc. Corporation

M53	Alaskan Athabascan
M54	Alatna Village
M55	Alexander
M56	Allakaket Village
M57	Alanvik
M58	Anvik Village
M59	Arctic Village
M60	Beaver Village
M61	Birch Creek Tribe
M62	Native Village of Cantwell
M63	Chalkyitsik Village
M64	Chickaloon Native Village
M65	Cheesh-Na Tribe (Chistochina)
M66	Native Village of Chitina
M67	Circle Native Community
M68	Cook Inlet
M70	Copper River
M71	Village of Dot Lake
M72	Doyon
M73	Native Village of Eagle
M74	Eklutna Native Village
M75	Evansville Village (Bettles Field)
M76	Native Village of Fort Yukon
M77	Native Village of Gakona
M78	Galena Village (Louden Village)
M79	Organized Village of Grayling (Holikachuk)
M80	Gulkana Village
M81	Healy Lake Village
M82	Holy Cross Village
M83	Hughes Village
M84	Huslia Village
M85	Village of Iliamna
M86	Village of Kaltag
M87	Native Village of Kluti Kaah (Copper Center)
M88	Knik Tribe
M89	Koyukuk Native Village
M90	Lake Minchumina
M91	Lime Village
M92	McGrath Native Village
M93	Manley Village Council (Manley Hot Springs)
M94	Mentasta Traditional Council
M95	Native Village of Minto
M96	Nenana Native Association
M97	Nikolai Village
M98	Ninilchik Village Traditional Council

M99	Nondalton Village
N01	Northway Village
N02	Nulato Village
N03	Pedro Bay Village
N04	Rampart Village
N05	Native Village of Ruby
N06	Village of Salamatoff
N07	Seldovia Village Tribe
N08	Slana
N09	Shageluk Native Village
N10	Native Village of Stevens
N11	Village of Stony River
N12	Takotna Village
N13	Native Village of Tanacross
N15	Native Village of Tanana
N16	Tanana Chiefs
N17	Native Village of Tazlina
N18	Telida Village
N19	Native Village of Tetlin
N20	Tok
N21	Native Village of Tyonek
N22	Village of Venetie
N23	Wiseman
N24	Kenaitze Indian Tribe

Tlingit-Haida (N28-N55)

N28	Angoon Community Association
N29	Central Council of the Tlingit and Haida Indian Tribes
N30	Chilkat Indian Village (Klukwan)
N31	Chilkoot Indian Association (Haines)
N32	Craig Community Association
N33	Douglas Indian Association
N34	Haida
N35	Hoonah Indian Association
N36	Hydaburg Cooperative Association
N37	Organized Village of Kake
N38	Organized Village of Kasaan
N40	Ketchikan Indian Corporation
N41	Klawock Cooperative Association
N43	Pelican
N44	Petersburg Indian Association
N45	Organized Village of Saxman
N46	Sitka Tribe of Alaska
N47	Tenakee Springs
N48	Tlingit

N49	Wrangell Cooperative Association
N50	Yakutat Tlingit Tribe
N60	Sealaska Corporation (Southeast Alaska)
N65	Skagway Village
	Tsimshian (N56-N66)
N56	Metlakatla Indian Community, Annette Island Reserve
N57	Tsimshian
	Inupiat (N67-P29)
N67	American Eskimo
N68	Eskimo
N69	Greenland Eskimo
N75	Inuit
N79	Native Village of Ambler
N81	Village of Anaktuvuk Pass
N82	Inupiat Community of the Arctic Slope
N83	Arctic Slope Corporation
N84	Atqasuk Village (Atkasook)
N85	Native Village of Barrow Inupiat Traditional Government
N86	Bering Straits Inupiat
N87	Native Village of Brevig Mission
N88	Native Village of Buckland
N89	Chinik Eskimo Community (Golovin)
N90	Native Village of Council
N91	Native Village of Deering
N92	Native Village of Elim
N94	Native Village of Diomede (Inalik)
N96	Inupiat (Inupiaq)
N97	Kaktovik Village (Barter Island)
N98	Kawerak
N99	Native Village of Kiana
P01	Native Village of Kivalina
P02	Native Village of Kobuk
P03	Native Village of Kotzebue
P04	Native Village of Koyuk
P07	Nana Inupiat
P08	Native Village of Noatak
P09	Nome Eskimo Community
P10	Noorvik Native Community
P11	Native Village of Nuiqsut (Nooiksut)
P12	Native Village of Point Hope
P13	Native Village of Point Lay
P14	Native Village of Selawik
P15	Native Village of Shaktoolik

P16 Native Village of Shishmaref
P17 Native Village of Shungnak
P18 Village of Solomon
P19 Native Village of Teller
P20 Native Village of Unalakleet
P21 Village of Wainwright
P22 Native Village of Wales
P23 Native Village of White Mountain
P25 Native Village of Mary's Igloo
P26 King Island Native Community
P36 Chevak Native Village
P37 Native Village of Mekoryuk

Yup'ik (P30-R10)

P30 Native Village of Gambell
P31 Native Village of Savoonga
P32 Siberian Yupik
P38 Akiachak Native Community
P39 Akiak Native Community
P40 Village of Alakanuk
P41 Native Village of Aleknagik
P42 Yupiit of Andreafski
P43 Village of Aniak
P44 Village of Atmautluak
P45 Orutsararmiut Native Village (Bethel)
P46 Village of Bill Moore's Slough
P47 Bristol Bay
P48 Calista
P49 Village of Chefornak
P50 Native Village of Hamilton
P51 Native Village of Chuathbaluk
P52 Village of Clark's Point
P53 Village of Crooked Creek
P54 Curyung Tribal Council (Native Village of Dillingham)
P55 Native Village of Eek
P56 Native Village of Ekuk
P57 Ekwok Village
P58 Emmonak Village
P59 Native Village of Goodnews Bay
P60 Native Village of Hooper Bay (Naparagamiut)
P61 Iqurmuit Traditional Council
P62 Village of Kalskag
P63 Native Village of Kasigluk
P64 Native Village of Kipnuk
P65 New Koliganek Village Council

P66	Native Village of Kongiganak
P67	Village of Kotlik
P68	Organized Village of Kwethluk
P69	Native Village of Kwigillingok
P70	Levelock Village
P71	Village of Lower Kalskag
P72	Manokotak Village
P73	Native Village of Marshall (Fortuna Ledge)
P74	Village of Ohogamiut
P75	Asa'carsarmiut Tribe
P76	Naknek Native Village
P77	Native Village of Napaimute
P78	Native Village of Napakiak
P79	Native Village of Napaskiak
P80	Newhalen Village
P81	New Stuyahok Village
P82	Newtok Village
P83	Native Village of Nightmute
P84	Native Village of Nunapitchuk
P85	Oscarville Traditional Village
P86	Pilot Station Traditional Village
P87	Native Village of Pitka's Point
P88	Platinum Traditional Village
P89	Portage Creek Village (Ohgsenakale)
P90	Native Village of Kwinhagak
P91	Village of Red Devil
P92	Native Village of Saint Michael
P93	Native Village of Scammon Bay
P94	Native Village of Nunam Iqua (Sheldon's Point)
P95	Village of Sleetmute
P96	Stebbins Community Association
P97	Traditional Village of Togiak
P98	Nunakauyarmiut Tribe (Toksook Bay)
P99	Tuluksak Native Community
R01	Native Village of Tuntutuliak
R02	Native Village of Tununak
R03	Twin Hills Village
R04	Yup'ik (Yup'ik Eskimo)
R06	Native Village of Georgetown
R07	Algaaciq Native Village (St. Mary's)
R08	Umkumiute Native Village
R09	Chuloonawick Native Village

Aleut R11-R99

R11	Aleut

R11	American Aleut
R16	Alutiiq
R17	Native Village of Afognak
R23	Native Village of Tatitlek
R24	Ugashik Village
R28	Bristol Bay Aleut
R29	Chignik Bay Tribal Council (Native Village of Chignik)
R30	Chignik Lake Village
R31	Egegik Village
R32	Igiugig Village
R33	Ivanoff Bay Village
R34	King Salmon Tribe
R35	Kokhanok Village
R36	Native Village of Perryville
R37	Native Village of Pilot Point
R38	Native Village of Port Heiden
R43	Native Village of Chanega (Chenega)
R44	Chugach Aleut
R45	Chugach Corporation
R46	Native Village of Nanwalek (English Bay)
R47	Native Village of Port Graham
R51	Native Village of Eyak (Cordova)
R55	Native Village of Akhiok
R56	Agdaagux Tribe of King Cove
R57	Native Village of Karluk
R58	Native Village of Kanatak
R59	Kodiak
R60	Koniag Aleut
R61	Native Village of Larsen Bay
R62	Village of Old Harbor
R63	Native Village of Ouzinkie
R64	Native Village of Port Lions
R65	Lesnoi Village (Woody Island)
R66	Sun’aq Tribe of Kodiak
R67	Sugpiaq
R75	Native Village of Akutan
R76	Aleut Corporation
R79	Native Village of Atka
R80	Native Village of Belkofski
R81	Native Village of Chignik Lagoon
R82	King Cove
R83	Native Village of False Pass
R84	Native Village of Nelson Lagoon
R85	Native Village of Nikolski
R86	Pauloff Harbor Village

R87 Qagan Tayagungin Tribe of Sand Point Village
R88 Qawalangin Tribe of Unalaska
R89 Saint George Island
R90 Saint Paul Island
R92 South Naknek Village
R93 Unangan (Unalaska)
R95 Native Village of Unga
R96 Kaguyak Village
R99 Not Used

CANADIAN AND LATIN AMERICAN INDIAN

Canadian and French American Indian (T01-V23)

T01 Canadian Indian
T02 French Canadian/French American Indian
T03 Abenaki Canadian
T04 Acadia Band
T05 Ache Dene Koe
T06 Ahousaht
T07 Alderville First Nation
T08 Alexandria Band
T09 Algonquins of Barriere Lake
T10 Batchewana First Nation
T11 Beardys and Okemasis Band
T12 Beausoleil
T13 Beecher Bay
T14 Beothuk
T15 Bella Coola (Nuxalk Nation)
T16 Big Cove
T17 Big Grassy
T18 Bigstone Cree Nation
T19 Bonaparte Band
T20 Boston Bar First Nation
T21 Bridge River
T22 Brokenhead Ojibway Nation
T23 Buffalo Point Band
T24 Caldwell
T25 Campbell River Band
T26 Cape Mudge Band
T27 Carcross/Tagish First Nation
T28 Caribou
T29 Carrier Nation
T30 Carry the Kettle Band
T31 Cheam Band

T32	Chemainus First Nation
T33	Chilcotin Nation
T34	Chippewa/Ojibwe Canadian
T35	Chippewa of Sarnia
T36	Chippewa of the Thames
T37	Clayoquot
T38	Cold Lake First Nations
T39	Coldwater Band
T40	Comox Band
T41	Coquitlam Band
T42	Cote First Nation
T43	Couchiching First Nation
T44	Cowessess Band
T45	Cowichan
T46	Cree Canadian
T47	Cross Lake First Nation
T48	Curve Lake Band
T49	Dene Canadian
T50	Dene Band Nwt (Nw Terr.)
T51	Ditidaht Band
T52	Dogrib
T53	Eagle Lake Band
T54	Eastern Cree
T55	Ebb and Flow Band
T56	English River First Nation
T57	Eskasoni
T58	Esquimalt
T59	Fisher River
T60	Five Nations
T61	Fort Alexander Band
T62	Garden River Nation
T63	Gibson Band
T64	Gitksan
T65	Gitlakdamix Band
T66	Grassy Narrows First Nation
T67	Gull Bay Band
T68	Gwichya Gwich'in
T69	Heiltsuk Band
T70	Hesquiaht Band
T71	Hiawatha First Nation
T72	Hope Band (Chawathill Nation)
T73	Huron
T74	Huron of Lorretteville
T75	Innu (Montagnais)
T76	Interior Salish

T77	James Bay Cree
T78	James Smith Cree Nation
T79	Kahkewistahaw First Nation
T80	Kamloops Band
T81	Kanaka Bar
T82	Kanesatake Band
T83	Kaska Dena
T84	Keeseekoose Band
T85	Kincolith Band
T86	Kingsclear Band
T87	Kitamaat
T88	Kitigan Zibi Anishinabeg
T89	Klahoose First Nation
T90	Kwakiutl
T91	Kyuquot Band
T92	Lakahahmen Band
T93	Lake Manitoba Band
T94	Lake St. Martin Band
T95	Lennox Island Band
T96	Liard River First Nation
T97	Lillooet
T98	Little Shuswap Band
T99	Long Plain First Nation
U01	Lower Nicola Indian Band
U02	Malahat First Nation
U03	Matachewan Band
U04	Mcleod Lake
U05	Metis
U06	Millbrook First Nation
U07	Mississaugas of the Credit
U08	Mohawk Bay of Quinte
U09	Mohawk Canadian
U10	Mohawk Kahnawake
U11	Mohican Canadian
U12	Musqueam Band
U13	Namgis First Nation (Nimpkish)
U14	Nanaimo (Snuneymuxw)
U15	Nanoose First Nation
U16	Naskapi
U17	Nation Huronne Wendat
U18	Nipissing First Nation
U19	North Thompson Band (Simpcw First Nation)
U20	N’Quatqua (Anderson Lake)
U21	Nuu-chah-nulth (Nootka)
U22	Odanak

U23	Ohiaht Band
U24	Oneida Nation of the Thames
U25	Opaskwayak Cree Nation
U26	Osoyoos Band
U27	Pacheedaht First Nation
U28	Pauquachin
U29	Peepeekisis
U30	Peguis
U31	Penelakut
U32	Penticton
U33	Pine Creek
U34	Plains Cree
U35	Rainy River First Nations
U36	Red Earth Band
U37	Restigouche (Listugaj First Nation)
U38	Roseau River
U39	Saddle Lake
U40	Sakimay First Nations
U41	Sandy Bay Band
U42	Sarcee (Sarci)
U43	Saugeen
U44	Saulteau First Nations
U45	Saulteaux
U46	Seabird Island
U47	Sechelt
U48	Seine River First Nation
U49	Serpent River
U50	Seton Lake
U51	Shoal Lake Cree Nation
U52	Shuswap
U53	Similkameen
U54	Siksika Canadian
U55	Six Nation Canadian
U56	Six Nations of the Grand River
U57	Skawahlook First Nation
U58	Skeetchestn Indian Band
U59	Skookum Chuck Band
U60	Skowkale
U61	Skuppah
U62	Skwah First Nation
U63	Skway First Nation
U64	Songhees First Nation
U65	Soowahlie First Nation
U66	Spuzzum First Nation
U67	Squamish Nation

U68	Stanjikoming First Nation
U69	Sto:lo Nation
U70	Stone
U71	Sucker Creek First Nation
U72	Swampy Cree
U73	Tahltan
U74	Taku River Tlingit
U75	Tete De Boule (Attikamek)
U76	Thompson
U77	Tobacco Plains Band
U78	Tobique First Nation
U79	Toquaht
U80	Tsartlip
U81	Tsawout First Nation
U82	Tseycum
U83	Uchucklesaht
U84	Ucluelet First Nation
U85	Vuntut Gwitchin First Nation
U86	Wabauskang First Nation
U87	Walpole Island
U88	Wasauksing First Nation
U89	Waywayseecappo First Nation
U90	West Bay Band
U91	White Bear Band
U92	Whitefish Lake Band
U93	Wikwemikong
U94	Wolf Lake Band
U95	Woodland Cree First Nation
U96	Woodstock First Nation
U97	Xaxli'p First Nation (Fountain Band)
U98	Canadian Indian, not elsewhere classified

Central American Indian (V24-V83)

V24	Central American Indian
V25	Cakchiquel
V27	Choco
V28	Not used
V29	Guaymi
V30	Kanjobal
V31	Kekchi
V32	Kuna Indian
V33	Lenca
V34	Maya Central American
V35	Miskito
V36	Pipil

V37	Quiche
V38	Rama
V39	Sumo
V40	Belize Indian
V41	Costa Rica Indian
V42	Dominican Indian
V43	El Salvador Indian
V44	Guatemala Indian
V45	Honduras Indian
V46	Nicaragua Indian
V47	Panama Indian
V48	Puerto Rican Indian

Mexican American Indian (V84-W66)

V84	Mexican American Indian
V85	Amuzgo
V86	Auraca
V87	Aztec
V88	Chatino
V89	Chinantec
V90	Chocho
V91	Concho
V92	Cora
V93	Couhimi
V94	Cuicatec
V95	Huastec
V96	Huave
V97	Huichol
V98	Ixcatec
V99	Lacandon
W01	Lagunero
W02	Maya
W03	Mazahua
W04	Mazatec
W05	Mixe
W06	Mixtec
W07	Nahuatl
W08	Olmec
W09	Opata
W10	Otomi
W11	Popoluca
W12	Seri
W13	Tarahumara (Raramuri)
W14	Tarasco (Purepecha)
W15	Tepehua

W16	Tequistlatec
W17	Tlapanec
W18	Tojolabal
W19	Toltec
W20	Triqui (Trique)
W21	Tzeltal
W22	Tzotzil
W25	Zapotec
W26	Zoque
W27	Mexican American Indian, not elsewhere classified

South American Indian (W67-X24)

W67	South American Indian
W68	Ache Indian
W69	Amazon Indian
W70	Andean Indian
W71	Mapuche (Araucanian)
W72	Arawak
W73	Aymara
W74	Canela
W75	Guarani
W76	Inca
W77	Maya South American
W78	Quechua
W79	Quichua
W81	Tehuelche
W82	Tupi
W83	Zaporo
W84	Argentinean Indian
W85	Bolivian Indian
W86	Brazilian Indian
W87	Chilean Indian
W88	Colombian Indian
W89	Ecuadorian Indian
W90	Guyanese South American Indian
W91	Paraguayan Indian
W92	Peruvian Indian
W94	Uruguayan Indian
W95	Venezuelan Indian
W96	South American Indian, not elsewhere classified

Spanish American Indian (X25)

X25	Spanish American Indian

600-699	**NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER**
600	**Native Hawaiian and Other Pacific Islander (Checkbox)**
601	**Native Hawaiian (Detailed Checkbox)**
602	**Samoan (Detailed Checkbox)**
603	**Chamorro (Detailed Checkbox)**
604	**Tongan (Detailed Checkbox)**
605	**Fijian (Detailed Checkbox)**
606	**Marshallese (Detailed Checkbox)**
607	**Other Pacific Islander (Detailed Checkbox)**
608-610	**Not Used**
611-630	**POLYNESIAN**
611	**Cook Islander**
612	**Easter Islander**
612	Rapa Nuian
613	**French Polynesian**
613	Marquesas Islander
613	Tuamotuan
614	**Maori**
615	**Native Hawaiian**
615	Kanaka Maoli
615	Hawaiian
616	**Niuean**
617	**Part Hawaiian**
618	**Rotuman**
619	**Samoan**
619	American Samoan

620	**Tahitian**
621	**Tongan**
622	**Tokelauan**
623	**Tuvaluan**
623	Ellis Islander
624	**Wallisian and Futunan**
624	Futunan
624	Wallisian
624	Wallis Islander
625-630	**Not Used**
631-660	**MICRONESIAN**
631	**Caroline Islander**
632	**Chamorro**
632	Chamoru
633	**Chuukese**
633	Polowatese
633	Nomoi
634	**Guamanian**
635	**I-Kiribati**
635	Gilbertese
635	Banaba
635	Tarawa
636	**Kosraean**
637	**Marshallese**
637	Ailinglaplap
637	Arno
637	Jaluit
637	Majuro
638	Bikinian
639	Ejit
640	Kili
641	Mili

642	Enewetak Islander
643	Ujelang
644	Ebeye
645	Kwajalein Islander
646	**Nauruan**
647	**Northern Mariana Islander**
647	Rotanese
647	Tinian Islander
648	**Palauan**
649	**Pohnpeian**
649	Kolonia
649	Mokilese/Mortlockese
650	**Saipanese**
651	**Yapese**
651	Ulithian
651	Woleai
651	Reweleya
651	Colonia
652-660	**Not Used**
661-670	**MELANESIAN**
661	**Fijian**
662	**Papua New Guinean**
663	**Solomon Islander**
663	Kukumu
664	**Ni-Vanuatu**
664	New Hebrides Islander
665	**New Caledonian**
665	Kanak
666-670	**Not Used**

671-677	**OTHER NATIVE HAWAIIAN OR PACIFIC ISLANDER**
671	**Polynesian**
672	**Micronesian**
672	Federated States of Micronesia Islander
673	**Melanesian**
674	**Pacific Islander**
675	**Other Polynesian**
675	Norfolk Islander
675	Pitcairn Islander
675	Nukuoran
675	Kapingmarangi
675	Kirinese
676	**Other Micronesian**
677	**Other Melanesian**
677	Toga Islander
678-699	**Not Used**
700-799	**SOME OTHER RACE, ETHNICITY, OR ORIGIN**
700	**Some Other Race, Ethnicity, or Origin (Checkbox)**
701	**Aborigines**
701	Aborigine
702	**Aruban**
702	Aruba
702	Aruba Islander
703	**Belizean**
703	Belice
703	Belicean
703	Belician
703	Belise
703	Belisean
703	Belize
703	Belize Islander
703	British Hondoruan

704	**Bermudan**
704	Bermuda
705	**Brazilian**
705	Brasilian
705	Brazil
706	**Cabo Verdean**
706	Brava
706	Bravo
706	Cabo Verde
706	Cape Verde
706	Cape Verdean
706	Cabo Verde Islander
706	Cabo Verdian
706	Cape Verde Islander
706	Cape Verdian
707	**Comorian**
707	Comoros
708	**Guyanese**
708	Guyana
709	**Irani**
709	Parsee
709	Parsi
710	**Mauritanian**
710	Mauritania
711	**Sudanese**
711	Sudan
711	Bari
712	**Surinamese**
712	Suriname
712	Suriname Indian
712	Surinamer
712	Surinamese Indian
712	Dutch Guiana
713	**Turkic**
713	Yakut
713	Bashkir

713	Chuvash
713	Gagauz
713	Karachay
714	**Amerasian**
715	**Eurasian**
716	**Brown**
716	Castano
716	Moreno
716	Chocolate
716	Light Brown
717	**Coffee**
718	**Indian**
718	Indio
719	**Biracial**
720	**Creole**
721	**Half-Breed**
722	**Interracial**
723	**Mixed**
723	Blend
723	Heinz
723	Melanges
723	Mixture
723	Mutt
723	Wesort
723	Melungeon
723	Combination
724	**Multicultural**
724	Bicultural
724	Multiethnic
724	Multinational
725	**Multiracial**
725	Cosmopolitan
725	Jackson White

725	Multi
725	Multicolor
725	Octoroon
725	Quadroon
725	Rainbow
725	Triracial
726	**Mulatto**
726	Mulato
727	**Other Race**
727	Alguna otra raza
727	Alguna otra
727	Alguna
727	Other
727	Otra
727	Otro
727	Some other race
727	Two or more races
728	**Caribbean**
729	**Cayman Islander**
730	**North American**
731	**Georgia**
731	Georgian
732	**Indigenous**
733	**Alaska**
734	**Dakota**
735	**Hawaii**
736	**Illinois**
737	**Not Used**
738	**Kansas**
739	**Michigan**

740	**Mississippi**
741	**Pennsylvania**
742	**Aryan**
743	**Guyanese Indian**
744	**Indo Fijian**
745-799	**Not Used**

800-899 Edit Generated Codes (Not Used by Coders)

800	White American
801	Middle Eastern or North African American
802	Hispanic, Latino, or Spanish American
803	Black American
804	Asian American
805	Not Used
806	Pacific Islander American
807	Some Other Race, Ethnicity, or Origin American
808-899	Not Used

900-999 UNCODEABLE AND OTHER RESPONSES

900-993	**Not Used**
994	**U.S.**
994	Estados Unidos
994	EE UU
994	US
994	USA
994	U.S. of America
994	Alabama
994	Arizona
994	Arkansas

994 California
994 Colorado
994 Connecticut
994 District of Columbia
994 DC
994 Washington DC
994 Florida
994 Idaho
994 Indiana
994 Kentucky
994 Louisiana
994 Maine
994 Maryland
994 Massachusetts
994 Minnesota
994 Missouri
994 Montana
994 Nebraska
994 Nevada
994 New Hampshire
994 New Jersey
994 New Mexico
994 New York
994 North Carolina
994 North Dakota
994 Ohio
994 Oklahoma
994 Oregon
994 Rhode Island
994 South Carolina
994 South Dakota
994 Tennessee
994 Texas
994 Texan
994 Utah
994 Vermont
994 Virginia
994 Washington
994 West Virginia
994 Wisconsin
994 Wyoming

995 **American**

996	**Uncodeable**
996	Adopted
996	Do not know
996	Nacido
996	None
996	Refused
996	Unknown
997	**Deferred**
998	**Religious Responses**
998	Adventist
998	Agnostic
998	Apostolic
998	Ashkenazi
998	Athiest
998	Bahai
998	Baptist
998	Brethren
998	Buddhist
998	Catholic
998	Christian
998	Christian Scientist
998	Congregationalist
998	Episcopal
998	Evangelist
998	Hebrew
998	Hindu
998	Islam
998	Jehovahs Witness
998	Jewish
998	Judeo
998	Judiasm
998	Latter Day Saint
998	Lutheran
998	Methodist
998	Morman
998	Muslim
998	Orthodox
998	Pentecostal
998	Presbyterian
998	Protestant
998	Quaker
998	Roman Catholic
998	Semitic

998	Sephardic
998	Seventh Day Adventist
998	Unitarian
998	Zoroastrian

999	**Not Used**

Appendix F. Census Tract-Level Allocation of 2015 NCT Sample for Six Race/Ethnic Group Strata

Designing and Mapping a Diverse Sample of Race and Ethnic Groups for the 2015 National Content Test

Nicholas Jones and Derek Breese (Population Division), Michael Bentley, Sarah Konya, and Kelly Mathews (Decennial Statistical Studies Division), U.S. Census Bureau

Presented at the Annual Meeting
of the Population Association of America
Washington, DC March 31 - April 2, 2016

Introduction

During 2015, the U.S. Census Bureau undertook a comprehensive national study of 1.2 million housing units to test census questionnaire content and to obtain nationwide measurements of response rates for Internet and self-response.

One of the objectives of the 2015 National Content Test (NCT) research was to test alternative versions of race and ethnic questions to improve question design and data quality for the 2020 Census. The goal for this research is to develop ways to produce more accurate and relevant data, which reflect our nation's changing racial/ethnic diversity.

Designing and Mapping a Diverse 2015 NCT Sample

U.S. Census Bureau researchers developed a complex sampling strategy to ensure the 2015 NCT accurately reflected the nation as a whole. This poster showcases the dynamics of the design for the six different race/ethnic strata employed in the research and explains how the NCT sample was produced.

Households were stratified into one of six race/ethnic strata, based on race, ancestry, and Hispanic origin data from 2010 Census data and 2009-2013 5-Year American Community Survey (ACS) data.

The sample selection was done sequentially, based on the following criteria:

Middle Eastern or North African (MENA) Stratum: Tracts where the percentage of people in the tract who identify as MENA was 10 percent or more.

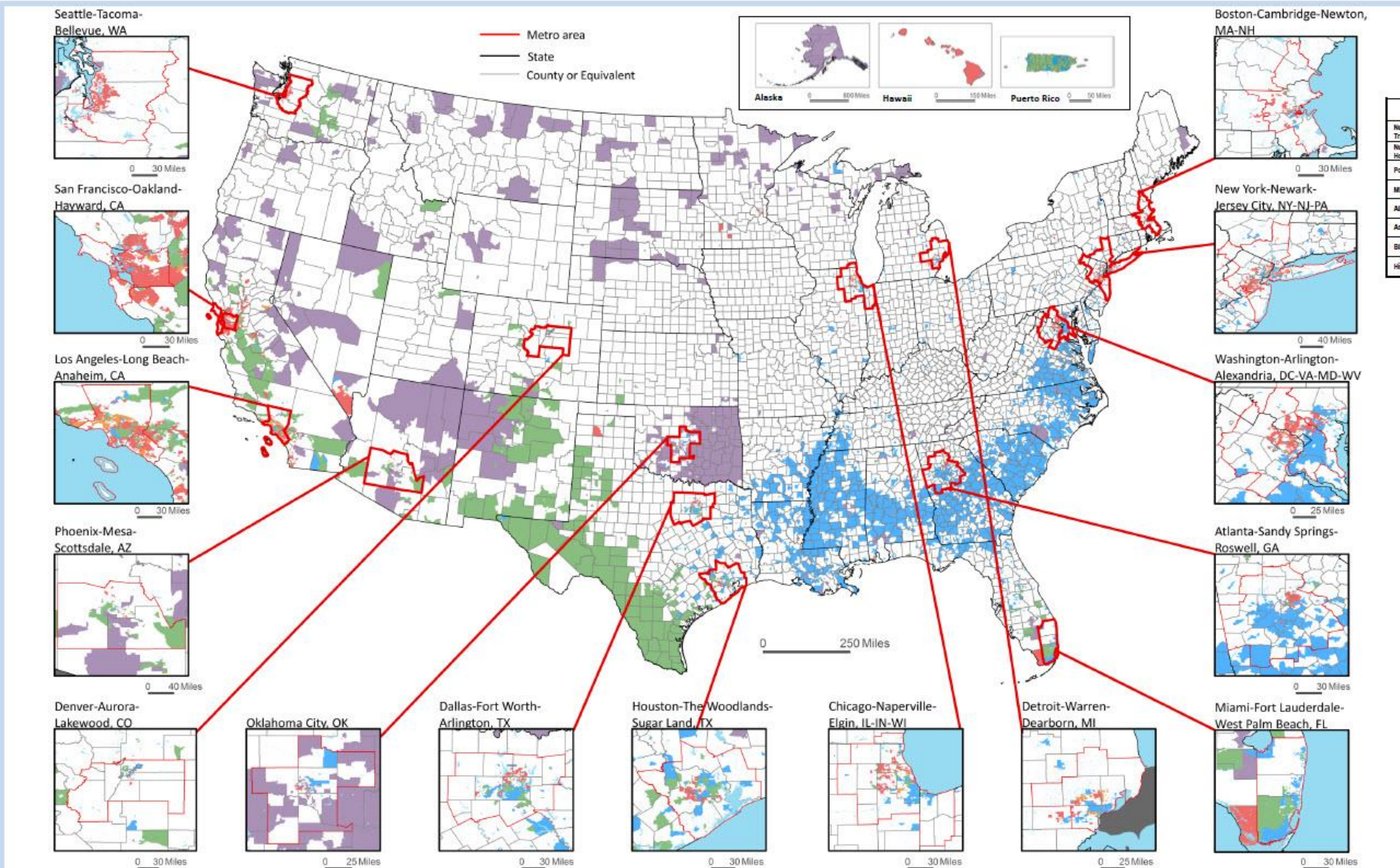
American Indian or Alaska Native (AIAN) Stratum: Tracts where the percentage of people in the tract who identify as AIAN was 10 percent or more.

Asian / Native Hawaiian or Other Pacific Islander (NHPI) Stratum: Tracts where the percentage of people in the tract who identify as Asian or NHPI was 15 percent or more.

Black or African American Stratum: Tracts where the percentage of people in the tract who identify as Black or African American was 25 percent or more.

Hispanic or Latino Stratum: Tracts where the percentage of people in the tract who identify as Hispanic or Latino was 45 percent or more.

All Other Groups Stratum: The remaining tracts that do not fall into one of the previous strata.



Distribution of 2015 NCT Sample Tracts

The table below displays the estimated number of census tracts, housing units, population, and race/ethnic group percentages in each of the six race/ethnic strata, using 2009-2013 5-Year ACS data.

	MENA Stratum	AIAN Stratum	Asian/NHPI Stratum	Black Stratum	Hispanic Stratum	All Other Stratum
Number of Tracts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Number of Housing Units	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Population	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MENA %	18.1	0.3	2.2	0.5	0.8	0.9
AIAN %	1.0	26.3	1.3	1.1	1.4	1.2
Asian / NHPI %	14.2	2.9	38.4	2.8	3.3	3.4
Black %	9.4	6.9	8.0	53.5	7.1	5.7
Hispanic %	15.5	12.7	20.0	18.1	73.8	8.8

Source: Jones, N., Bentley, M., Konya, S., and Pratt, B. (2016). *2015 National Content Test Study Plan for Race and Ethnicity.* U.S. Census Bureau.

Illustrating Sampling Strata

The use of a multi-strata oversample of key population groups enables us to gain a broader and deeper universe of diverse population groups across the country. The large map of the United States, to the left, illustrates how the sample was allocated for each of the six race/ethnic strata across the country. A series of smaller inset maps provide a close-up of the sample for selected metro areas.

The tracts shaded in orange illustrate the Middle Eastern or North African stratum. The tracts shaded in purple illustrate the American Indian or Alaska Native stratum. The tracts shaded in red illustrate the Asian/Native Hawaiian or Other Pacific Islander stratum. The tracts shaded in blue illustrate the Black or African American stratum. The tracts shaded in green illustrate the Hispanic or Latino stratum. The All Other Groups stratum is shaded in white.

This diverse sample yields critical data to evaluate the 2015 NCT's key research questions. These data will inform Census Bureau recommendations on the collection and classification of race/ethnicity data for the 2020 Census.

Next Steps for Research

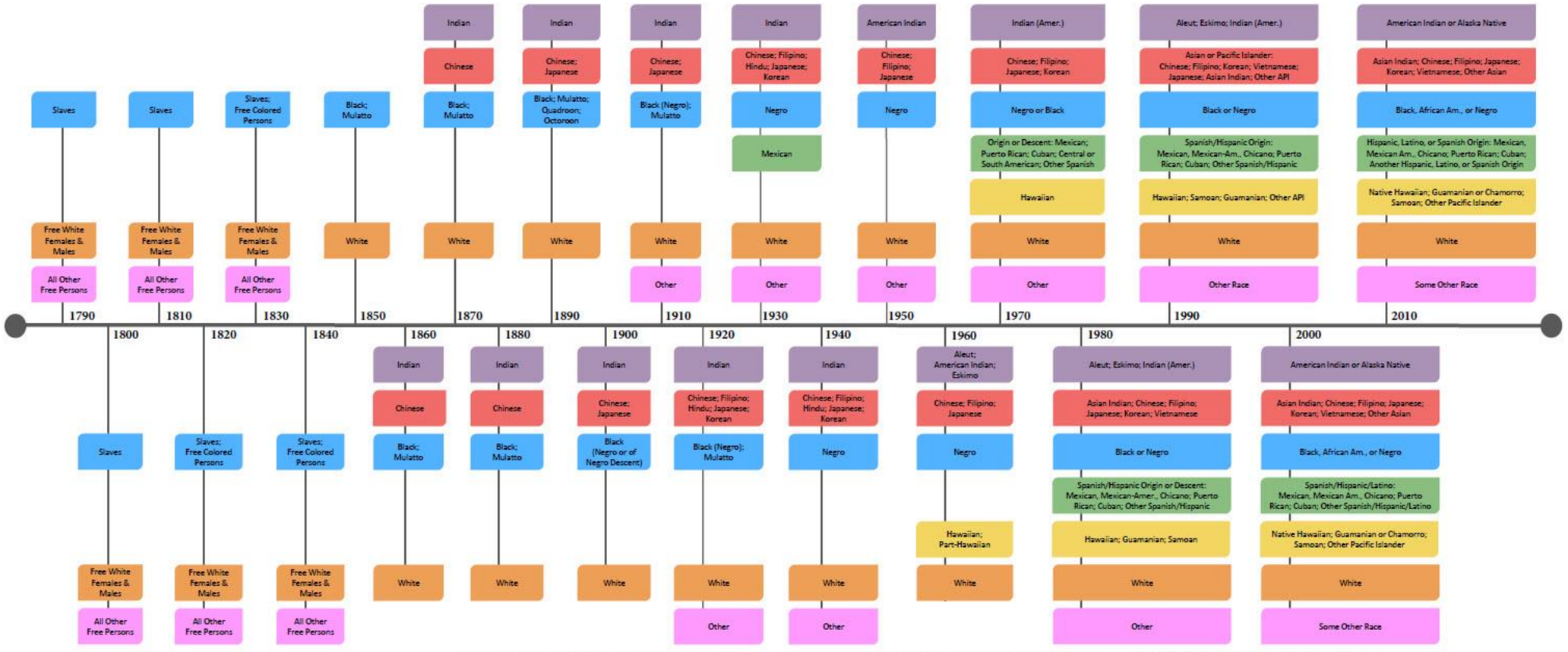
This poster illuminates how the 2015 NCT sampling strategy enabled Census Bureau researchers to obtain a diverse, nationally representative sample for this critical research. The 2015 NCT provides a wealth of data to make informed recommendations for the race/ethnicity question(s) on the 2020 Census. This will enable the Census Bureau to provide the most accurate and relevant data possible about our changing and diversifying nation.

United States Census Bureau
U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Measuring Race and Ethnicity Across the Decades: 1790–2010

Mapped to 1997 U.S. Office of Management and Budget Classification Standards

This is an infographic timeline capturing one aspect of the operationalization of the U.S. Census Bureau race and ethnic variables in decennial Censuses from 1790 to 2010. In order to understand the history of how race and ethnicity has been conceptualized and operationalized, the authors relied on historical Census documents. The authors also relied on Humes and Hogan (2009) which detailed the social, political, and economic influences on how the U.S. Census Bureau collected race and ethnic data throughout our history. U.S. Census Bureau history was researched in order to understand the relationship between this history and the present time, i.e., the "2010 Census Race and Hispanic Origin Alternative Questionnaire Experiment"; current mid-decade testing including the 2015 Census Test, the 2015 National Content Test, and the 2016 American Community Survey Content Test; and the possibility of design changes for race and ethnicity in the 2020 Census.



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United States Census Bureau
U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Authors:
Beverly M. Pratt, Lindsay Hixson, and Nicholas A. Jones
Population Division | U.S. Census Bureau

Infographic:
"MEASURING RACE AND ETHNICITY ACROSS THE DECADES, 1790-2010"

Appendix H. Additional Question Format Tables

Table H1. Race/Ethnicity Group Distribution by Question Format for All Modes

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	76.8%(0.60)	71.3%(0.71)	74.1%(0.61)
Hispanic	12.4%(0.26)	14.1%(0.28)	13.0%(0.29)
Black	10.3%(0.51)	11.0%(0.55)	9.6%(0.47)
Asian	6.7%(0.19)	6.4%(0.20)	6.9%(0.17)
AIAN	4.0%(0.07)	3.9%(0.06)	3.7%(0.06)
MENA	0.9%(0.03)	0.8%(0.04)	1.0%(0.04)
NHPI	0.4%(0.02)	0.4%(0.02)	0.3%(0.02)
SOR	10.0%(0.19)	1.3%(0.03)	1.0%(0.03)
Invalid	0.5%(0.02)	0.3%(0.02)	0.3%(0.02)
Missing	1.1%(0.04)	0.8%(0.02)	0.7%(0.03)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H2. Race/Ethnicity Group Distribution by Question Format for TQA

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	78.8%(0.82)	73.7%(0.92)	74.5%(0.92)
Hispanic	10.9%(0.29)	11.7%(0.39)	11.3%(0.38)
Black	14.1%(0.77)	13.9%(0.79)	13.4%(0.76)
Asian	2.3%(0.16)	2.6%(0.18)	2.4%(0.17)
AIAN	5.5%(0.23)	5.5%(0.23)	5.5%(0.20)
MENA	0.6%(0.08)	0.5%(0.07)	0.5%(0.06)
NHPI	0.3%(0.04)	0.2%(0.04)	0.2%(0.04)
SOR	10.3%(0.29)	1.6%(0.11)	1.6%(0.12)
Invalid	0.2%(0.05)	0.3%(0.05)	0.2%(0.05)
Missing	0.8%(0.18)	0.5%(0.06)	0.7%(0.10)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H3. Race/Ethnicity Group Distribution by Question Format for Paper

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	68.0%(0.83)	64.0%(0.76)	66.1%(0.82)
Hispanic	17.7%(0.30)	17.4%(0.27)	20.6%(0.46)
Black	16.4%(0.72)	15.7%(0.66)	16.0%(0.74)
Asian	5.1%(0.25)	4.8%(0.18)	4.9%(0.29)
AIAN	2.8%(0.11)	2.2%(0.07)	3.2%(0.17)
MENA	0.7%(0.07)	0.6%(0.05)	0.9%(0.11)
NHPI	0.4%(0.05)	0.4%(0.03)	0.4%(0.05)
SOR	8.7%(0.20)	0.9%(0.04)	0.8%(0.09)
Invalid	0.3%(0.04)	0.4%(0.03)	0.3%(0.05)
Missing	1.9%(0.09)	0.8%(0.04)	0.8%(0.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H4. Race/Ethnicity Group Distribution for Separate Questions Question Format by Device Type

Alone or in Combination Groups	Mobile Phone	Other	Tablet
White	71.6% (0.91)	79.6% (0.41)	78.4% (0.62)
Hispanic	18.5% (0.60)	10.3% (0.23)	11.9% (0.47)
Black	13.4% (0.67)	7.6% (0.33)	8.9% (0.45)
Asian	5.3% (0.34)	8.1% (0.16)	6.6% (0.32)
AIAN	4.9% (0.29)	4.1% (0.09)	4.0% (0.23)
MENA	1.0 % (0.13)	0.9% (0.04)	0.9% (0.11)
NHPI	0.6% (0.10)	0.3% (0.02)	0.4% (0.06)
SOR	14.8% (0.56)	9.6% (0.22)	10.4% (0.42)
Invalid	0.5% (0.08)	0.6% (0.03)	0.6% (0.08)
Missing	1.3% (0.16)	0.9% (0.05)	0.9% (0.12)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H5. Race/Ethnicity Group Distribution for Combined Question with Write-In Areas Question Format by Device Type

Alone or in Combination Groups	Mobile Phone	Other	Tablet
White	66.0% (0.98)	76.4% (0.45)	74.8% (0.71)
Hispanic	20.2% (0.63)	11.5% (0.23)	13.1% (0.45)
Black	12.1% (0.67)	7.4% (0.32)	8.8% (0.48)
Asian	5.5% (0.37)	8.2% (0.18)	6.6% (0.32)
AIAN	4.9% (0.25)	4.6% (0.09)	4.4% (0.23)
MENA	0.8% (0.09)	1.1% (0.05)	0.7% (0.10)
NHPI	0.6% (0.08)	0.3% (0.02)	0.3% (0.05)
SOR	1.7% (0.14)	1.4% (0.05)	1.4% (0.14)
Invalid	0.4% (0.08)	0.3% (0.03)	0.2% (0.05)
Missing	1.1% (0.14)	0.7% (0.04)	0.6% (0.08)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H6. Race/Ethnicity Group Distribution for Combined Question with Detailed Checkboxes Question Format by Device Type

Alone or in Combination Groups	Mobile Phone	Other	Tablet
White	64.2% (1.06)	76.4% (0.46)	74.8% (0.76)
Hispanic	21.1% (0.65)	11.2% (0.23)	12.1% (0.46)
Black	13.6% (0.72)	7.6% (0.31)	8.9% (0.53)
Asian	5.6% (0.34)	8.1% (0.15)	7.3% (0.37)
AIAN	4.3% (0.26)	3.6% (0.08)	3.2% (0.19)
MENA	1.1% (0.16)	1.1% (0.04)	1.0% (0.12)
NHPI	0.5% (0.08)	0.3% (0.02)	0.3% (0.06)
SOR	1.0% (0.12)	1.0% (0.04)	0.8% (0.10)
Invalid	0.3% (0.07)	0.3% (0.03)	0.1% (0.04)
Missing	0.9% (0.13)	0.7% (0.04)	0.7% (0.11)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H7. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for All Modes

	Hispanic			Not Hispanic									
	Hispanic alone	Hispanic + SOR alone	Hispanic + Other Major Group(s)	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Multiple Responses	Invalid	Missing
Separate Question	1.2% (0.07)	4.2% (0.16)	7.1% (0.08)	64.5% (0.59)	8.6% (0.49)	5.3% (0.16)	0.4% (0.02)	0.3% (0.02)	0.1% (0.01)	0.2% (0.01)	6.6% (0.08)	0.5% (0.02)	1.1% (0.04)
Combined Question with Write-In Response Areas	10.8% (0.33)	0.1% (0.01)	3.2% (0.07)	63.0% (0.61)	9.6% (0.54)	5.2% (0.16)	0.4% (0.02)	0.2% (0.01)	0.1% (0.01)	0.2% (0.01)	6.0% (0.08)	0.3% (0.02)	0.8% (0.02)
Combined Question with Detailed Checkboxes	9.3% (0.30)	0.1% (0.01)	3.5% (0.06)	65.5% (0.57)	8.0% (0.43)	5.5% (0.14)	0.4% (0.02)	0.3% (0.02)	0.1% (0.01)	0.1% (0.01)	6.1% (0.08)	0.3% (0.02)	0.7% (0.03)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H8. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for TQA

	Hispanic			**Not Hispanic**								**Invalid**	**Missing**
	Hispanic alone	**Hispanic + SOR alone**	**Hispanic + Other Major Group(s)**	**White alone**	**Black alone**	**Asian alone**	**AIAN alone**	**MENA alone**	**NHPI alone**	**SOR alone**	**Multiple Responses**		
Separate Question	0.4% (0.05)	2.9% (0.15)	7.6% (0.24)	65.2% (0.90)	12.5% (0.74)	1.9% (0.14)	0.6% (0.06)	0.2% (0.06)	0.1% (0.03)	0.2% (0.04)	7.4% (0.24)	0.2% (0.05)	0.8% (0.18)
Combined Question with Write-In Response Areas	8.9% (0.37)	0.0% (0.02)	2.8% (0.14)	64.6% (0.98)	12.7% (0.77)	2.1% (0.16)	0.6% (0.07)	0.1% (0.04)	0.1% (0.02)	0.1% (0.03)	7.1% (0.24)	0.3% (0.05)	0.5% (0.06)
Combined Question with Detailed Checkboxes	8.6% (0.37)	0.0% (0.02)	2.6% (0.14)	65.7% (0.92)	12.2% (0.74)	2.0% (0.14)	0.6% (0.06)	0.1% (0.03)	0.1% (0.02)	0.1% (0.02)	7.0% (0.24)	0.2% (0.05)	0.7% (0.10)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H9. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for Paper

	Hispanic			Not Hispanic								Invalid	Missing
	Hispanic alone	Hispanic + SOR alone	Hispanic + Other Major Group(s)	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Multiple Responses		
Separate Question	5.0% (0.21)	3.8% (0.17)	8.9% (0.25)	56.6% (0.70)	14.3% (0.71)	3.9% (0.21)	0.6% (0.04)	0.2% (0.04)	0.1% (0.02)	0.2% (0.02)	4.3% (0.14)	0.3% (0.04)	1.9% (0.09)
Combined Question with Write-In Response Areas	14.7% (0.29)	0.1% (0.01)	2.6% (0.08)	58.5% (0.67)	14.1% (0.65)	3.9% (0.15)	0.6% (0.03)	0.2% (0.03)	0.2% (0.02)	0.2% (0.02)	3.7% (0.10)	0.4% (0.03)	0.8% (0.04)
Combined Question with Detailed Checkboxes	13.5% (0.46)	0.1% (0.03)	7.0% (0.23)	55.3% (0.80)	12.5% (0.65)	3.6% (0.23)	0.5% (0.06)	0.4% (0.07)	0.1% (0.03)	0.1% (0.02)	5.7% (0.22)	0.3% (0.05)	0.8% (0.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H10. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for Device Type Other

	Hispanic			Not Hispanic								Invalid	Missing
	Hispanic alone	Hispanic + SOR alone	Hispanic + Other Major Group(s)	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Multiple Responses		
Separate Question	0.3% (0.02)	3.8% (0.16)	6.2% (0.11)	67.5% (0.45)	6.2% (0.31)	6.5% (0.14)	0.3% (0.02)	0.3% (0.02)	0.1% (0.01)	0.2% (0.02)	7.1% (0.11)	0.6% (0.03)	0.9% (0.05)
Combined Question with Write-In Response Areas	7.9% (0.25)	0.1% (0.01)	3.5% (0.08)	66.5% (0.41)	6.1% (0.30)	6.7% (0.15)	0.3% (0.02)	0.3% (0.02)	0.1% (0.01)	0.1% (0.02)	7.3% (0.11)	0.3% (0.03)	0.7% (0.04)
Combined Question with Detailed Checkboxes	7.9% (0.24)	0.1% (0.01)	3.2% (0.08)	68.1% (0.41)	6.3% (0.29)	6.6% (0.13)	0.3% (0.02)	0.3% (0.02)	0.1% (0.01)	0.1% (0.01)	6.0% (0.10)	0.3% (0.03)	0.7% (0.04)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H11. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for Device Type Tablet

	Hispanic			Not Hispanic									
	Hispanic alone	Hispanic + SOR alone	Hispanic + Other Major Group(s)	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Multiple Responses	Invalid	Missing
Separate Question	0.4% (0.07)	5.1% (0.33)	6.4% (0.29)	66.7% (0.65)	7.4% (0.42)	5.2% (0.27)	0.3% (0.04)	0.3% (0.06)	0.1% (0.02)	0.2% (0.04)	6.5% (0.26)	0.6% (0.08)	0.9% (0.12)
Combined Question with Write-In Response Areas	9.7% (0.43)	0.1% (0.03)	3.4% (0.20)	66.0% (0.67)	7.5% (0.46)	5.4% (0.28)	0.3% (0.05)	0.2% (0.05)	0.1% (0.03)	0.1% (0.03)	6.5% (0.28)	0.2% (0.05)	0.6% (0.08)
Combined Question with Detailed Checkboxes	9.1% (0.43)	0.1% (0.03)	2.9% (0.18)	67.7% (0.73)	7.5% (0.49)	5.8% (0.32)	0.3% (0.05)	0.3% (0.05)	0.1% (0.02)	0.1% (0.03)	5.3% (0.25)	0.1% (0.04)	0.7% (0.11)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H12. Distribution of Hispanic Responses and Non-Hispanic Responses by Question Format for Device Type Smartphone

	Hispanic			Not Hispanic									
	Hispanic alone	Hispanic + SOR alone	Hispanic + Other Major Group(s)	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Multiple Responses	Invalid	Missing
Separate Question	0.8% (0.09)	8.4% (0.49)	9.3% (0.35)	56.7% (0.91)	10.3% (0.61)	3.7% (0.27)	0.5% (0.06)	0.3% (0.06)	0.1% (0.05)	0.2% (0.05)	7.9% (0.33)	0.5% (0.08)	1.3% (0.16)
Combined Question with Write-In Response Areas	16.1% (0.64)	0.0% (0.02)	4.0% (0.23)	55.6% (0.91)	10.0% (0.63)	4.1% (0.32)	0.6% (0.08)	0.2% (0.04)	0.2% (0.05)	0.2% (0.04)	7.4% (0.30)	0.4% (0.08)	1.1% (0.14)
Combined Question with Detailed Checkboxes	16.5% (0.67)	0.1% (0.05)	4.4% (0.23)	54.6% (0.92)	11.1% (0.68)	4.1% (0.28)	0.6% (0.08)	0.4% (0.11)	0.2% (0.04)	0.1% (0.04)	6.6% (0.32)	0.3% (0.07)	0.9% (0.13)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H13. Race Distribution for Hispanic Respondents by Question Format for All Modes

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	18.2% (0.44)	1.5% (0.09)	0.6% (0.06)	1.0% (0.08)	0.1% (0.02)	0.1% (0.02)	33.6% (0.68)	35.5% (0.72)	1.0% (0.09)	8.4% (0.40)
Combined Question with Write-In Response Areas	15.7% (0.66)	1.3% (0.07)	0.6% (0.05)	1.0% (0.07)	0.1% (0.02)	0.1% (0.01)	0.4% (0.04)	4.0% (0.18)	0.8% (0.05)	76.0% (0.82)
Combined Question with Detailed Checkboxes	19.3% (0.66)	1.8% (0.10)	0.9% (0.07)	0.8% (0.07)	0.1% (0.02)	0.1% (0.01)	0.6% (0.08)	4.5% (0.20)	0.6% (0.05)	71.4% (0.81)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H14. Race Distribution for Hispanic Respondents by Question Format for TQA

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	16.0% (1.07)	1.6% (0.29)	0.3% (0.10)	1.2% (0.24)	0.0% (N/A)	0.0% (0.02)	26.5% (1.19)	51.0% (1.42)	0.8% (0.15)	2.5% (0.46)
Combined Question with Write-In Response Areas	18.5% (1.06)	1.3% (0.22)	0.3% (0.10)	1.4% (0.29)	0.0% (0.01)	0.1% (0.09)	0.3% (0.13)	2.5% (0.33)	0.3% (0.09)	75.3% (1.25)
Combined Question with Detailed Checkboxes	17.0% (1.07)	1.0% (0.20)	0.4% (0.13)	1.0% (0.19)	0.1% (0.04)	0.0% (0.02)	0.3% (0.17)	3.5% (0.58)	0.4% (0.18)	76.3% (1.29)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H15. Race Distribution for Hispanic Respondents by Question Format for Paper

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	23.1% (0.89)	1.7% (0.18)	0.6% (0.13)	1.0% (0.15)	0.1% (0.05)	0.1% (0.04)	21.7% (0.85)	23.4% (0.89)	0.8% (0.13)	27.4% (0.96)
Combined Question with Write-In Response Areas	10.5% (0.48)	1.2% (0.10)	0.5% (0.06)	0.5% (0.07)	0.0% (0.02)	0.1% (0.02)	0.3% (0.05)	2.3% (0.16)	0.8% (0.08)	83.7% (0.54)
Combined Question with Detailed Checkboxes	25.1% (1.00)	3.2% (0.29)	1.2% (0.17)	0.8% (0.22)	0.3% (0.11)	0.1% (0.04)	0.4% (0.12)	3.2% (0.30)	0.9% (0.18)	64.8% (1.19)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H16. Race Distribution for Hispanic Respondents by Question Format for Device Type Other

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	16.4% (0.48)	1.2% (0.11)	0.7% (0.09)	0.9% (0.09)	0.1% (0.02)	0.1% (0.04)	36.8% (0.88)	41.1% (0.73)	1.0% (0.11)	1.8% (0.16)
Combined Question with Write-In Response Areas	21.4% (0.80)	1.3% (0.10)	0.7% (0.08)	1.4% (0.14)	0.1% (0.04)	0.1% (0.01)	0.6% (0.08)	5.9% (0.29)	0.7% (0.09)	67.8% (0.97)
Combined Question with Detailed Checkboxes	20.0% (0.75)	1.5% (0.13)	0.8% (0.09)	0.8% (0.08)	0.0% (0.01)	0.1% (0.02)	0.7% (0.10)	5.2% (0.28)	0.6% (0.06)	70.3% (0.92)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported
Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H17. Race Distribution for Hispanic Respondents by Question Format for Device Type Tablet

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	16.7% (1.09)	1.1% (0.23)	0.3% (0.10)	1.0% (0.32)	0.0% (0.02)	0.2% (0.11)	43.0% (1.79)	34.5% (1.52)	1.5% (0.41)	1.8% (0.43)
Combined Question with Write-In Response Areas	16.9% (1.21)	1.7% (0.30)	1.2% (0.25)	0.9% (0.23)	0.1% (0.06)	0.2% (0.14)	0.7% (0.26)	4.6% (0.57)	0.7% (0.21)	72.9% (1.50)
Combined Question with Detailed Checkboxes	15.6% (1.20)	2.2% (0.48)	1.1% (0.28)	1.2% (0.32)	0.1% (0.14)	0.1% (0.05)	0.7% (0.22)	3.8% (0.48)	0.9% (0.19)	74.4% (1.48)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H18. Race Distribution for Hispanic Respondents by Question Format for Device Type Phone

	White alone	Black alone	Asian alone	AIAN alone	MENA alone	NHPI alone	SOR alone	Two or More	Invalid	No Other Major Categories Reported*
Separate Question	17.3% (1.10)	2.5% (0.47)	0.5% (0.11)	1.7% (0.30)	0.0% (0.02)	0.1% (0.03)	45.4% (1.68)	28.3% (1.43)	1.6% (0.28)	2.8% (0.37)
Combined Question with Write-In Response Areas	12.2% (0.95)	1.4% (0.22)	0.7% (0.19)	0.9% (0.17)	0.1% (0.06)	0.1% (0.04)	0.2% (0.09)	4.6% (0.49)	1.1% (0.21)	78.6% (1.26)
Combined Question with Detailed Checkboxes	13.3% (0.98)	1.9% (0.30)	0.8% (0.17)	0.7% (0.16)	0.0% (0.04)	0.0% (0.01)	0.6% (0.25)	4.1% (0.47)	0.6% (0.16)	77.9% (1.27)

*Includes responses of Hispanic when no other major category (White, Black, Asian, AIAN, MENA, NHPI, or SOR) is reported

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H19. Reporting Patterns of the Hispanic Reinterview Population by Self-Response Question Format for All Modes

	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Identified as Hispanic ONLY	7.6% (0.81)	72.8% (1.25)	71.9% (1.43)
Identified as Hispanic *AND* White	15.6% (1.14)	14.4% (0.92)	14.8% (1.12)
Identified as Hispanic *AND* Black	0.9% (0.23)	1.0% (0.23)	0.9% (0.29)
Identified as Hispanic *AND* SOR	29.8% (1.39)	0.1% (0.03)	1.0% (0.39)
Identified as Hispanic *AND* another group(s) (e.g., Asian, AIAN, etc.)	36.4% (1.61)	5.1% (0.63)	6.3% (0.76)
Did NOT identify as Hispanic	8.9% (0.89)	6.1% (0.84)	4.5% (0.64)
Missing	0.3% (0.25)	0.3% (0.15)	0.3% (0.27)
Invalid	0.5% (0.29)	0.3% (0.15)	0.2% (0.11)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H20. Reporting Patterns of the Hispanic Reinterview Population by Self-Response Question Format for TQA

	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Identified as Hispanic ONLY	3.6% (1.81)	74.0% (3.60)	73.8% (4.21)
Identified as Hispanic *AND* White	17.0% (3.72)	16.5% (3.00)	16.5% (3.34)
Identified as Hispanic *AND* Black	0.7% (0.66)	0.3% (0.27)	0.0% (0.02)
Identified as Hispanic *AND* SOR	24.1% (3.02)	0.0% (N/A)	0.0% (N/A)
Identified as Hispanic *AND* another group(s) (e.g., Asian, AIAN, etc.)	44.8% (5.03)	2.6% (1.69)	5.5% (1.91)
Did NOT identify as Hispanic	9.8% (3.15)	6.6% (2.00)	3.4% (1.40)
Missing	0.0% (N/A)	0.0% (N/A)	0.2% (0.18)
Invalid	0.0% (N/A)	0.0% (N/A)	0.5% (0.47)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H21. Reporting Patterns of the Hispanic Reinterview Population by Self-Response Question Format for Paper

	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Identified as Hispanic ONLY	24.3% (3.02)	80.0% (2.03)	81.9% (3.52)
Identified as Hispanic *AND* White	20.2% (2.87)	11.2% (1.64)	9.4% (2.66)
Identified as Hispanic *AND* Black	1.0% (0.59)	0.7% (0.34)	0.5% (0.34)
Identified as Hispanic *AND* SOR	20.4% (2.93)	0.0% (N/A)	0.0% (N/A)
Identified as Hispanic *AND* another group(s) (e.g., Asian, AIAN, etc.)	21.8% (3.22)	2.9% (0.87)	3.8% (1.62)
Did NOT identify as Hispanic	9.2% (2.15)	4.4% (0.93)	4.3% (1.82)
Missing	1.1% (0.98)	0.5% (0.33)	0.1% (0.07)
Invalid	1.9% (1.10)	0.3% (0.20)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H22. Reporting of Hispanic Ethnicity in the Survey Question Formats for All Modes

In which category was the Hispanic response provided?	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Hispanic Category Only	35.5%(0.43)	91.4%(0.34)	92.8%(0.31)
Hispanic Category and Race Category	61.0%(0.44)	3.4%(0.14)	2.7%(0.14)
Hispanic and White	25.8%(0.47)	2.9%(0.13)	2.1%(0.13)
Hispanic and SOR	31.9%(0.57)	0.2%(0.03)	0.2%(0.03)
Hispanic and another race category	2.5%(0.12)	0.3%(0.03)	0.3%(0.05)
Hispanic and multiple race categories	0.9%(0.07)	0.1%(0.01)	0.0%(0.01)
Race Category Only	3.5%(0.15)	5.2%(0.25)	4.5%(0.24)
White only	2.4%(0.13)	4.1%(0.23)	3.3%(0.21)
SOR only	0.8%(0.06)	0.7%(0.05)	0.9%(0.07)
Another race category only	0.2%(0.03)	0.3%(0.03)	0.3%(0.04)
Multiple race categories only	0.0%(0.01)	0.0%(0.01)	0.0%(0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H23. Reporting of Hispanic Ethnicity in the Survey Question Formats for TQA

In which category was the Hispanic response provided?	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Hispanic Category Only	26.6%(1.17)	86.6%(0.86)	88.4%(0.88)
Hispanic Category and Race Category	69.5%(1.20)	4.8%(0.48)	4.6%(0.47)
Hispanic and White	41.5%(1.28)	4.5%(0.47)	4.4%(0.46)
Hispanic and SOR	25.2%(1.15)	0.1%(0.03)	0.0%(0.02)
Hispanic and another race category	2.3%(0.38)	0.3%(0.09)	0.2%(0.09)
Hispanic and multiple race categories	0.4%(0.11)	0.0%(0.02)	0.0%(0.03)
Race Category Only	4.0%(0.46)	8.6%(0.67)	7.0%(0.67)
White only	3.2%(0.45)	7.7%(0.65)	5.9%(0.64)
SOR only	0.5%(0.12)	0.5%(0.12)	0.6%(0.16)
Another race category only	0.3%(0.09)	0.5%(0.13)	0.4%(0.11)
Multiple race categories only	0.0%(N/A)	0.0%(0.01)	0.0%(0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H24. Reporting of Hispanic Ethnicity in the Survey Question Formats for Paper

In which category was the Hispanic response provided?	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
Hispanic Category Only	57.3%(0.88)	96.0%(0.18)	96.5%(0.36)
Hispanic Category and Race Category	41.2%(0.87)	2.3%(0.14)	2.5%(0.30)
Hispanic and White	19.5%(0.76)	1.7%(0.11)	1.8%(0.25)
Hispanic and SOR	18.1%(0.75)	0.4%(0.06)	0.3%(0.12)
Hispanic and another race category	2.7%(0.26)	0.2%(0.03)	0.4%(0.12)
Hispanic and multiple race categories	0.9%(0.14)	0.1%(0.03)	0.1%(0.04)
Race Category Only	1.5%(0.17)	1.7%(0.12)	0.9%(0.19)
White only	0.7%(0.11)	1.0%(0.10)	0.5%(0.14)
SOR only	0.6%(0.09)	0.4%(0.06)	0.4%(0.14)
Another race category only	0.2%(0.05)	0.2%(0.04)	0.0%(0.02)
Multiple race categories only	0.0%(0.02)	0.0%(0.01)	0.0%(0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H25. Pattern of Nonresponse by Question Format for All Modes

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	2.1% (0.10)	0.1% (0.01)	2.2% (0.10)	2.2% (0.09)	0.6% (0.03)	2.8% (0.09)	0.8% (0.04)	0.0% (0.01)	0.8% (0.04)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	0.8% (0.02)	0.3% (0.02)	1.1% (0.03)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.7% (0.03)	0.3% (0.02)	1.0% (0.04)	N/A	N/A	N/A

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H26. Pattern of Nonresponse by Question Format for TQA

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	0.7% (0.17)	0.1% (0.02)	0.8% (0.17)	1.1% (0.18)	0.3% (0.05)	1.4% (0.19)	0.6% (0.17)	0.0% (0.01)	0.6% (0.17)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	0.5% (0.06)	0.3% (0.05)	0.8% (0.09)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.7% (0.10)	0.2% (0.05)	0.9% (0.11)	N/A	N/A	N/A

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H27. Pattern of Nonresponse by Question Format for Paper

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	7.8% (0.25)	0.2% (0.03)	8.0% (0.25)	6.8% (0.22)	0.4% (0.04)	7.2% (0.23)	0.8% (0.06)	0.0% (0.01)	1.0% (0.06)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	0.8% (0.04)	0.4% (0.03)	1.2% (0.05)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.8% (0.08)	0.3% (0.05)	1.2% (0.11)	N/A	N/A	N/A

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H28. Pattern of Nonresponse by Question Format for Device Type Other

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	0.8% (0.05)	0.1% (0.01)	0.9% (0.05)	1.1% (0.06)	0.7% (0.03)	1.9% (0.06)	0.7% (0.05)	0.0% (0.01)	0.8% (0.05)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	0.7% (0.04)	0.3% (0.03)	1.0% (0.05)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.7% (0.04)	0.3% (0.03)	1.0% (0.05)	N/A	N/A	N/A

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H29. Pattern of Nonresponse by Question Format for Device Type Tablet

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	0.8% (0.11)	0.1% (0.03)	0.9% (0.11)	1.1% (0.13)	0.8% (0.09)	1.9% (0.16)	0.7% (0.10)	0.0% (0.02)	0.7% (0.10)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	0.6% (0.08)	0.2% (0.05)	0.8% (0.10)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.7% (0.11)	0.1% (0.04)	0.8% (0.11)	N/A	N/A	N/A

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H30. Pattern of Nonresponse by Question Format for Device Type Smartphone

What percentage of respondents provide…?	Hispanic Origin Question			Race/Ethnicity Question			Both Questions		
	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response	No Response	Invalid Response	No Valid Response
Separate Questions	1.2% (0.15)	0.2% (0.05)	1.4% (0.16)	1.9% (0.17)	0.7% (0.10)	2.6% (0.20)	1.1% (0.15)	0.1% (0.02)	1.2% (0.15)
Combined Question with Write-In Response Areas	N/A	N/A	N/A	1.1% (0.14)	0.4% (0.08)	1.5% (0.16)	N/A	N/A	N/A
Combined Question with Detailed Checkboxes	N/A	N/A	N/A	0.9% (0.13)	0.3% (0.07)	1.2% (0.15)	N/A	N/A	N/A

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H31. Detailed Reporting for Major Race/Ethnicity Groups by Question Format for All Modes

(Percentage providing detailed responses)

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	71.0%(0.47)	75.3%(0.53)	89.5%(0.30)
Hispanic*	95.4%(0.18)	84.2%(0.27)	94.7%(0.22)
Black	68.4%(0.52)	69.6%(0.59)	93.9%(0.25)
Asian*	97.7%(0.18)	94.9%(0.21)	98.9%(0.12)
AIAN	69.4%(0.65)	66.8%(0.69)	69.0%(0.80)
MENA	89.9%(1.00)	91.1%(0.83)	93.9%(0.75)
NHPI*	84.3%(1.82)	80.5%(1.61)	88.9%(1.58)
SOR	68.4%(0.56)	90.3%(0.73)	91.7%(0.86)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H32. Detailed Reporting for Major Race/Ethnicity Groups by Question Format for TQA

(Percentage providing detailed responses)

Alone or in Combination Groups	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White	74.5%(0.60)	82.7%(0.58)	84.3%(0.49)
Hispanic*	94.0%(0.55)	90.2%(0.75)	92.4%(0.66)
Black	79.4%(0.96)	85.9%(0.80)	89.9%(0.76)
Asian*	95.8%(1.03)	95.4%(1.45)	96.7%(0.86)
AIAN	57.4%(1.92)	56.6%(1.85)	57.0%(1.88)
MENA	83.0%(4.25)	95.9%(1.44)	92.2%(2.63)
NHPI*	70.9%(6.82)	76.3%(6.89)	86.4%(5.17)
SOR	81.0%(1.11)	94.3%(1.73)	93.4%(1.55)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H33. Detailed Reporting for Major Race/Ethnicity Groups by Device Type

Alone or in Combination Groups	Mobile Phone	Tablet	Other
White	73.9% (0.46)	84.6% (0.37)	85.6% (0.18)
Hispanic	94.4% (0.34)	94.2% (0.36)	93.5% (0.18)
Black	78.6% (0.81)	82.7% (0.80)	85.7% (0.31)
Asian	97.4% (0.38)	98.0% (0.34)	98.3% (0.10)
AIAN	70.5% (1.52)	71.0% (1.44)	70.6% (0.51)
MENA	88.2% (2.05)	93.9% (1.24)	92.8% (0.56)
NHPI	82.3% (3.53)	90.7% (2.36)	85.9% (1.26)
SOR	63.7% (1.48)	69.9% (1.41)	73.5% (0.55)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H34. Reporting of "Larger" Detailed Groups and "Smaller" Detailed Groups by Question Format for All Modes

(Percentage providing detailed responses)

	Separate Question		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups
White	54.5%(0.46)	30.3%(0.30)	62.3%(0.49)	29.9%(0.44)	80.5%(0.26)	25.7%(0.35)
Hispanic*	84.0%(0.31)	13.1%(0.30)	72.3%(0.31)	14.6%(0.33)	82.3%(0.51)	15.4%(0.45)
Black	60.0%(0.51)	9.3%(0.31)	61.7%(0.48)	8.7%(0.29)	89.0%(0.32)	6.3%(0.27)
Asian*	85.6%(0.51)	13.0%(0.49)	82.5%(0.48)	13.7%(0.44)	86.9%(0.53)	13.9%(0.55)
AIAN	9.4%(0.46)	61.9%(0.71)	5.9%(0.32)	62.5%(0.74)	6.8%(0.42)	64.2%(0.78)
MENA	61.3%(1.88)	30.2%(1.82)	62.1%(1.58)	29.9%(1.35)	67.1%(1.55)	28.1%(1.51)
NHPI*	76.3%(2.35)	9.8%(1.66)	71.4%(2.13)	10.1%(1.46)	82.5%(1.94)	7.9%(1.46)
SOR	N/A	68.4%(0.56)	N/A	90.3%(0.73)	N/A	91.7%(0.86)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H35. Reporting of "Larger" Detailed Groups and "Smaller" Detailed Groups by Question Format for TQA

(Percentage providing detailed responses)

	Separate Question		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups
White	57.9%(0.58)	28.9%(0.53)	65.5%(0.63)	32.6%(0.62)	67.7%(0.56)	31.4%(0.56)
Hispanic*	83.0%(0.99)	12.2%(0.89)	78.5%(1.11)	14.8%(0.88)	81.5%(1.04)	13.5%(0.85)
Black	70.6%(0.99)	9.3%(0.67)	75.1%(0.99)	11.0%(0.78)	82.5%(0.95)	8.1%(0.59)
Asian*	84.3%(2.03)	12.6%(1.96)	83.3%(2.63)	13.9%(2.38)	82.0%(2.48)	17.0%(2.47)
AIAN	5.6%(0.84)	53.2%(1.94)	3.9%(0.71)	54.0%(1.85)	4.9%(0.86)	53.8%(1.85)
MENA	58.2%(7.47)	32.7%(7.66)	60.5%(6.96)	35.4%(6.94)	67.2%(5.58)	25.9%(5.12)
NHPI*	57.9%(8.66)	13.0%(7.49)	60.9%(7.86)	18.8%(6.54)	82.8%(5.45)	3.6%(3.36)
SOR	N/A	81.0%(1.11)	N/A	94.3%(1.73)	N/A	93.4%(1.55)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H36. Reporting of "Larger" Detailed Groups and "Smaller" Detailed Groups by Question Format for Paper

(Percentage providing detailed responses)

	Separate Question		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups	Larger Detailed Groups	Smaller Detailed Groups
White	36.8%(0.52)	15.6%(0.31)	37.3%(0.37)	15.4%(0.24)	52.8%(0.80)	15.8%(0.56)
Hispanic*	85.8%(0.56)	9.5%(0.45)	66.9%(0.46)	9.9%(0.33)	85.0%(0.89)	10.5%(0.71)
Black	49.1%(0.96)	6.6%(0.46)	48.3%(0.60)	5.4%(0.28)	82.7%(0.97)	4.4%(0.46)
Asian*	84.6%(1.40)	12.7%(1.19)	73.1%(1.10)	14.5%(0.98)	85.4%(1.84)	14.7%(1.80)
AIAN	14.5%(1.48)	51.1%(2.02)	9.7%(0.93)	62.1%(1.66)	8.3%(1.63)	47.5%(2.52)
MENA	55.1%(5.12)	31.1%(5.01)	57.9%(3.10)	30.7%(2.89)	71.8%(5.08)	21.1%(4.39)
NHPI*	80.4%(5.02)	5.1%(1.99)	67.2%(3.83)	11.6%(3.24)	75.8%(6.36)	8.3%(3.75)
SOR	N/A	68.1%(1.17)	N/A	83.6%(1.86)	N/A	87.1%(3.38)

*These are the only groups with dedicated detailed checkboxes in the Separate Questions format.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H37. Reporting of Detailed Groups by Question Format for All Modes

(Note, the percentages in each category do not add to the total. This is because the detailed groups are tallies of the number of *responses* rather than the number of *respondents*. Respondents reporting several groups are counted several times. For example, a respondent reporting "German, Irish, and African American" would be included in the "German," "Irish," and "African American" percentages.)

	Separate Question (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
White Detailed Groups:						
German	N/A	24.4%(0.27)	N/A	28.7%(0.38)	38.5%(0.34)	N/A
Irish	N/A	20.0%(0.27)	N/A	23.2%(0.31)	32.8%(0.25)	N/A
English	N/A	20.5%(0.16)	N/A	24.9%(0.16)	38.0%(0.21)	N/A
Italian	N/A	8.0%(0.26)	N/A	8.5%(0.26)	11.1%(0.29)	N/A
Polish	N/A	4.9%(0.14)	N/A	5.6%(0.16)	7.5%(0.19)	N/A
French	N/A	4.7%(0.10)	N/A	5.8%(0.13)	7.8%(0.14)	N/A
Additional "White" detailed responses	N/A	30.3%(0.30)	N/A	29.9%(0.44)	N/A	25.7%(0.35)
HISPANIC Detailed Groups:						
Mexican or Mexican American	59.2%(0.89)	N/A	N/A	50.5%(0.59)	56.6%(0.73)	N/A
Puerto Rican	12.3%(0.63)	N/A	N/A	10.0%(0.42)	11.5%(0.38)	N/A
Cuban	5.0%(0.22)	N/A	N/A	4.4%(0.20)	4.9%(0.27)	N/A
Salvadoran	N/A	2.9%(0.14)	N/A	3.1%(0.14)	3.5%(0.17)	N/A
Dominican	N/A	3.5%(0.17)	N/A	3.4%(0.16)	4.6%(0.24)	N/A
Colombian	N/A	3.0%(0.20)	N/A	2.4%(0.12)	3.7%(0.16)	N/A
Additional "Hispanic" detailed responses	N/A	13.1%(0.30)	N/A	14.6%(0.33)	N/A	15.4%(0.45)
Black Detailed Groups:						
African American	N/A	55.0%(0.51)	N/A	56.7%(0.44)	83.3%(0.37)	N/A
Jamaican	N/A	2.1%(0.14)	N/A	2.3%(0.12)	3.0%(0.16)	N/A
Haitian	N/A	1.5%(0.12)	N/A	1.6%(0.13)	1.8%(0.15)	N/A
Nigerian	N/A	0.8%(0.09)	N/A	0.8%(0.08)	1.4%(0.14)	N/A
Ethiopian	N/A	0.6%(0.09)	N/A	0.6%(0.07)	0.8%(0.12)	N/A
Somali	N/A	0.2%(0.04)	N/A	0.2%(0.05)	0.3%(0.06)	N/A
Additional "Black" detailed responses	N/A	9.3%(0.31)	N/A	8.7%(0.29)	N/A	6.3%(0.27)
Asian Detailed Groups:						
Chinese	24.3%(0.48)	N/A	N/A	21.7%(0.43)	24.9%(0.48)	N/A
Filipino	21.3%(0.52)	N/A	N/A	19.7%(0.42)	20.5%(0.51)	N/A
Asian Indian	17.5%(0.51)	N/A	N/A	16.6%(0.44)	19.5%(0.56)	N/A
Vietnamese	8.4%(0.36)	N/A	N/A	9.8%(0.38)	8.7%(0.40)	N/A
Korean	9.3%(0.32)	N/A	N/A	9.3%(0.34)	8.9%(0.35)	N/A
Japanese	8.1%(0.29)	N/A	N/A	8.0%(0.27)	8.0%(0.31)	N/A
Additional "Asian" detailed responses	N/A	13.0%(0.49)	N/A	13.7%(0.44)	N/A	13.9%(0.55)
AIAN Detailed Groups:						
Navajo Nation	N/A	1.8%(0.17)	N/A	1.9%(0.18)	N/A	2.1%(0.24)
Blackfeet Tribe	N/A	3.9%(0.31)	N/A	3.4%(0.27)	N/A	3.9%(0.32)

	Separate Question (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
Mayan	N/A	1.2%(0.17)	N/A	0.2%(0.06)	N/A	0.3%(0.08)
Aztec	N/A	2.8%(0.29)	N/A	0.5%(0.10)	N/A	0.6%(0.12)
Native Village of Barrow Inupiat Traditional Government	N/A	0.0%(0.01)	N/A	0.0%(0.01)	N/A	0.0%(0.01)
Nome Eskimo Community	N/A	0.0%(0.02)	N/A	0.0%(0.01)	N/A	0.1%(0.04)
Additional "AIAN" detailed responses	N/A	61.9%(0.71)	N/A	62.5%(0.74)	N/A	64.2%(0.78)
MENA Detailed Groups:						
Lebanese	N/A	21.7%(1.38)	N/A	22.9%(1.32)	26.2%(1.50)	N/A
Iranian	N/A	18.7%(1.32)	N/A	15.6%(1.05)	17.5%(1.03)	N/A
Egyptian	N/A	10.7%(1.10)	N/A	10.9%(1.04)	14.7%(1.24)	N/A
Syrian	N/A	7.8%(0.82)	N/A	8.6%(0.84)	8.3%(0.85)	N/A
Moroccan	N/A	3.3%(0.63)	N/A	4.3%(0.58)	4.4%(0.70)	N/A
Algerian	N/A	0.4%(0.20)	N/A	1.3%(0.39)	1.1%(0.30)	N/A
Additional "MENA" detailed responses	N/A	30.2%(1.82)	N/A	29.9%(1.35)	N/A	28.1%(1.51)
NHPI Detailed Groups:						
Native Hawaiian	47.9%(2.68)	N/A	N/A	44.3%(2.15)	56.4%(2.65)	N/A
Samoan	13.1%(1.55)	N/A	N/A	13.8%(1.60)	14.0%(1.92)	N/A
Chamorro	10.2%(1.47)	N/A	N/A	9.1%(1.49)	8.2%(1.49)	N/A
Tongan	N/A	5.5%(1.74)	N/A	3.4%(0.95)	5.3%(1.09)	N/A
Fijian	N/A	1.4%(0.46)	N/A	4.0%(0.94)	4.9%(0.92)	N/A
Marshallese	N/A	1.0%(0.48)	N/A	1.0%(0.43)	1.5%(0.46)	N/A
Additional "Pacific Islander" detailed responses	N/A	9.8%(1.66)	N/A	10.1%(1.46)	N/A	7.9%(1.46)
SOR Detailed Groups:						
Brazilian	N/A	1.2%(0.11)	N/A	9.4%(0.71)	N/A	14.6%(1.21)
Cape Verdean	N/A	0.2%(0.04)	N/A	2.1%(0.38)	N/A	1.6%(0.40)
Additional Hispanic "SOR" detailed responses	N/A	56.7%(0.53)	N/A	N/A	N/A	N/A
Additional non-Hispanic "SOR" detailed responses	N/A	10.6%(0.36)	N/A	78.9%(1.04)	N/A	75.5%(1.43)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H38. Reporting of Detailed Groups by Question Format for TQA

(Note, the percentages in each category do not add to the total. This is because the detailed groups are tallies of the number of *responses* rather than the number of *respondents*. Respondents reporting several groups are counted several times. For example, a respondent reporting "German, Irish, and African American" would be included in the "German," "Irish," and "African American" percentages.)

	Separate Question (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
White Detailed Groups:						
German	N/A	25.2%(0.49)	N/A	28.9%(0.56)	28.9%(0.50)	N/A
Irish	N/A	20.8%(0.39)	N/A	22.9%(0.45)	25.4%(0.47)	N/A
English	N/A	17.1%(0.38)	N/A	20.6%(0.45)	21.3%(0.47)	N/A
Italian	N/A	7.2%(0.37)	N/A	7.4%(0.38)	7.6%(0.36)	N/A
Polish	N/A	4.1%(0.24)	N/A	4.9%(0.25)	4.5%(0.25)	N/A
French	N/A	5.1%(0.22)	N/A	6.2%(0.26)	6.0%(0.25)	N/A
Additional "White" detailed responses	N/A	28.9%(0.53)	N/A	32.6%(0.62)	N/A	31.4%(0.56)
HISPANIC Detailed Groups:						
Mexican or Mexican American	61.9%(1.58)	N/A	N/A	58.7%(1.61)	62.0%(1.50)	N/A
Puerto Rican	10.1%(0.95)	N/A	N/A	8.7%(0.84)	9.8%(0.86)	N/A
Cuban	5.0%(0.53)	N/A	N/A	4.2%(0.51)	3.3%(0.40)	N/A
Salvadoran	N/A	2.5%(0.46)	N/A	3.4%(0.55)	2.7%(0.40)	N/A
Dominican	N/A	2.7%(0.42)	N/A	2.8%(0.44)	2.7%(0.53)	N/A
Colombian	N/A	1.4%(0.28)	N/A	1.7%(0.32)	2.2%(0.38)	N/A
Additional "Hispanic" detailed responses	N/A	12.2%(0.89)	N/A	14.8%(0.88)	N/A	13.5%(0.85)
Black Detailed Groups:						
African American	N/A	67.2%(1.06)	N/A	71.9%(1.11)	79.6%(1.03)	N/A
Jamaican	N/A	1.8%(0.34)	N/A	1.6%(0.31)	1.9%(0.34)	N/A
Haitian	N/A	1.2%(0.32)	N/A	0.9%(0.25)	0.8%(0.24)	N/A
Nigerian	N/A	0.1%(0.08)	N/A	0.4%(0.15)	0.2%(0.11)	N/A
Ethiopian	N/A	0.2%(0.11)	N/A	0.5%(0.18)	0.4%(0.20)	N/A
Somali	N/A	0.2%(0.12)	N/A	0.1%(0.05)	0.1%(0.13)	N/A
Additional "Black" detailed responses	N/A	9.3%(0.67)	N/A	11.0%(0.78)	N/A	8.1%(0.59)
Asian Detailed Groups:						
Chinese	17.0%(2.22)	N/A	N/A	14.7%(1.64)	20.0%(2.28)	N/A
Filipino	34.3%(3.34)	N/A	N/A	27.3%(2.62)	26.8%(2.73)	N/A
Asian Indian	10.8%(1.93)	N/A	N/A	14.0%(2.16)	11.1%(2.06)	N/A
Vietnamese	6.0%(1.54)	N/A	N/A	9.3%(1.82)	8.8%(1.91)	N/A
Korean	6.2%(1.16)	N/A	N/A	6.4%(1.26)	5.5%(1.14)	N/A
Japanese	12.4%(1.73)	N/A	N/A	12.7%(1.46)	11.2%(1.43)	N/A
Additional "Asian" detailed responses	N/A	12.6%(1.96)	N/A	13.9%(2.38)	N/A	17.0%(2.47)
AIAN Detailed Groups:						
Navajo Nation	N/A	0.6%(0.21)	N/A	1.0%(0.39)	N/A	1.7%(0.59)
Blackfeet Tribe	N/A	3.8%(0.71)	N/A	2.8%(0.61)	N/A	3.1%(0.64)

	Separate Question (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
Mayan	N/A	0.4%(0.21)	N/A	0.1%(0.07)	N/A	0.0%(N/A)
Aztec	N/A	0.9%(0.36)	N/A	0.1%(0.07)	N/A	0.1%(0.06)
Native Village of Barrow Inupiat Traditional Government	N/A	0.0%(N/A)	N/A	0.0%(N/A)	N/A	0.0%(N/A)
Nome Eskimo Community	N/A	0.0%(N/A)	N/A	0.0%(N/A)	N/A	0.0%(N/A)
Additional "AIAN" detailed responses	N/A	53.2%(1.94)	N/A	54.0%(1.85)	N/A	53.8%(1.85)
MENA Detailed Groups:						
Lebanese	N/A	19.1%(6.04)	N/A	22.8%(4.58)	11.4%(3.07)	N/A
Iranian	N/A	12.8%(4.12)	N/A	14.8%(4.05)	9.6%(5.57)	N/A
Egyptian	N/A	12.7%(4.30)	N/A	7.7%(2.41)	10.2%(3.81)	N/A
Syrian	N/A	10.3%(3.61)	N/A	9.1%(3.80)	3.2%(1.94)	N/A
Moroccan	N/A	4.9%(4.69)	N/A	6.2%(2.81)	0.0%(N/A)	N/A
Algerian	N/A	0.0%(N/A)	N/A	0.0%(N/A)	11.4%(3.07)	N/A
Additional "MENA" detailed responses	N/A	32.7%(7.66)	N/A	35.4%(6.94)	N/A	25.9%(5.12)
NHPI Detailed Groups:						
Native Hawaiian	42.7%(8.22)	N/A	N/A	42.9%(7.72)	64.6%(8.75)	N/A
Samoan	13.0%(7.16)	N/A	N/A	8.9%(3.29)	10.1%(5.21)	N/A
Chamorro	0.0%(N/A)	N/A	N/A	5.2%(4.56)	2.1%(1.48)	N/A
Tongan	N/A	2.2%(2.22)	N/A	0.9%(0.85)	3.2%(2.59)	N/A
Fijian	N/A	0.0%(N/A)	N/A	4.8%(3.96)	2.8%(2.64)	N/A
Marshallese	N/A	0.0%(N/A)	N/A	0.0%(N/A)	0.0%(N/A)	N/A
Additional "Pacific Islander" detailed responses	N/A	13.0%(7.49)	N/A	18.8%(6.54)	N/A	3.6%(3.36)
SOR Detailed Groups:						
Brazilian	N/A	0.6%(0.25)	N/A	1.4%(0.69)	N/A	2.7%(1.33)
Cape Verdean	N/A	0.3%(0.20)	N/A	0.2%(0.23)	N/A	0.9%(0.64)
Additional Hispanic "SOR" detailed responses	N/A	65.4%(1.31)	N/A	N/A	N/A	N/A
Additional non-Hispanic "SOR" detailed responses	N/A	14.9%(1.00)	N/A	92.7%(1.87)	N/A	89.9%(2.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H39. Reporting of Detailed Groups by Question Format for Paper

(Note, the percentages in each category do not add to the total. This is because the detailed groups are tallies of the number of *responses* rather than the number of *respondents*. Respondents reporting several groups are counted several times. For example, a respondent reporting "German, Irish, and African American" would be included in the "German," "Irish," and "African American" percentages.)

	Separate Question (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
White Detailed Groups:						
German	N/A	11.8%(0.31)	N/A	11.8%(0.23)	18.8%(0.63)	N/A
Irish	N/A	9.9%(0.31)	N/A	9.6%(0.22)	16.9%(0.58)	N/A
English	N/A	14.7%(0.37)	N/A	16.1%(0.33)	27.1%(0.69)	N/A
Italian	N/A	4.6%(0.24)	N/A	4.2%(0.20)	7.2%(0.48)	N/A
Polish	N/A	2.1%(0.12)	N/A	2.2%(0.12)	4.4%(0.31)	N/A
French	N/A	2.1%(0.13)	N/A	2.1%(0.10)	5.1%(0.30)	N/A
Additional "White" detailed responses	N/A	15.6%(0.31)	N/A	15.4%(0.24)	N/A	15.8%(0.56)
HISPANIC Detailed Groups:						
Mexican or Mexican American	61.0%(1.40)	N/A	N/A	46.9%(0.69)	50.3%(1.17)	N/A
Puerto Rican	12.5%(1.38)	N/A	N/A	9.2%(0.56)	9.7%(0.69)	N/A
Cuban	4.1%(0.30)	N/A	N/A	3.4%(0.20)	4.0%(0.47)	N/A
Salvadoran	N/A	2.7%(0.25)	N/A	3.0%(0.20)	3.7%(0.41)	N/A
Dominican	N/A	4.4%(0.35)	N/A	3.3%(0.22)	11.4%(0.55)	N/A
Colombian	N/A	2.3%(0.28)	N/A	1.8%(0.17)	7.9%(0.49)	N/A
Additional "Hispanic" detailed responses	N/A	9.5%(0.45)	N/A	9.9%(0.33)	N/A	10.5%(0.71)
Black Detailed Groups:						
African American	N/A	45.5%(0.95)	N/A	44.3%(0.58)	78.8%(1.04)	N/A
Jamaican	N/A	1.8%(0.20)	N/A	1.6%(0.14)	1.9%(0.27)	N/A
Haitian	N/A	1.0%(0.18)	N/A	1.3%(0.15)	1.2%(0.29)	N/A
Nigerian	N/A	0.5%(0.12)	N/A	0.5%(0.09)	0.6%(0.16)	N/A
Ethiopian	N/A	0.2%(0.06)	N/A	0.4%(0.09)	0.3%(0.10)	N/A
Somali	N/A	0.1%(0.07)	N/A	0.1%(0.06)	0.5%(0.24)	N/A
Additional "Black" detailed responses	N/A	6.6%(0.46)	N/A	5.4%(0.28)	N/A	4.4%(0.46)
Asian Detailed Groups:						
Chinese	20.5%(1.20)	N/A	N/A	16.7%(0.72)	19.2%(1.63)	N/A
Filipino	26.7%(1.51)	N/A	N/A	21.2%(0.86)	24.5%(2.03)	N/A
Asian Indian	10.2%(1.04)	N/A	N/A	9.4%(0.63)	12.0%(1.76)	N/A
Vietnamese	11.6%(1.06)	N/A	N/A	10.8%(0.75)	11.5%(1.55)	N/A
Korean	11.5%(0.87)	N/A	N/A	10.1%(0.68)	13.2%(1.40)	N/A
Japanese	7.7%(0.73)	N/A	N/A	6.3%(0.44)	7.0%(1.08)	N/A
Additional "Asian" detailed responses	N/A	12.7%(1.19)	N/A	14.5%(0.98)	N/A	14.7%(1.80)
AIAN Detailed Groups:						
Navajo Nation	N/A	2.0%(0.49)	N/A	3.5%(0.59)	N/A	2.1%(0.64)
Blackfeet Tribe	N/A	3.7%(0.71)	N/A	5.5%(0.76)	N/A	4.7%(1.35)
Mayan	N/A	3.1%(0.77)	N/A	0.3%(0.14)	N/A	0.4%(0.23)

	Separate Question (with Dedicated Checkboxes)		Combined Question with Write-In Response Areas		Combined Question with Detailed Checkboxes	
	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area	Group has Dedicated Checkbox	Must Use Write-In Area
Aztec	N/A	6.2%(1.17)	N/A	0.5%(0.20)	N/A	1.6%(0.75)
Native Village of Barrow Inupiat Traditional Government	N/A	0.0%(N/A)	N/A	0.0%(0.03)	N/A	0.0%(N/A)
Nome Eskimo Community	N/A	0.0%(0.01)	N/A	0.0%(0.01)	N/A	0.0%(N/A)
Additional "AIAN" detailed responses	N/A	51.1%(2.02)	N/A	62.1%(1.66)	N/A	47.5%(2.52)
MENA Detailed Groups:						
Lebanese	N/A	14.3%(2.96)	N/A	15.1%(2.06)	17.6%(4.97)	N/A
Iranian	N/A	21.4%(3.94)	N/A	15.8%(1.97)	25.9%(4.91)	N/A
Egyptian	N/A	8.1%(2.62)	N/A	11.1%(2.01)	13.6%(4.36)	N/A
Syrian	N/A	8.9%(2.97)	N/A	9.3%(2.05)	6.9%(2.20)	N/A
Moroccan	N/A	2.3%(1.03)	N/A	6.1%(1.56)	6.9%(2.59)	N/A
Algerian	N/A	0.2%(0.20)	N/A	1.9%(0.99)	1.7%(0.89)	N/A
Additional "MENA" detailed responses	N/A	31.1%(5.01)	N/A	30.7%(2.89)	N/A	21.1%(4.39)
NHPI Detailed Groups:						
Native Hawaiian	49.2%(6.57)	N/A	N/A	38.8%(3.74)	34.3%(6.92)	N/A
Samoan	22.1%(5.77)	N/A	N/A	13.5%(2.74)	13.0%(4.78)	N/A
Chamorro	10.4%(3.38)	N/A	N/A	9.7%(2.62)	13.1%(5.52)	N/A
Tongan	N/A	1.1%(0.75)	N/A	3.0%(1.79)	7.2%(3.11)	N/A
Fijian	N/A	0.8%(0.76)	N/A	2.6%(0.88)	7.0%(3.10)	N/A
Marshallese	N/A	2.2%(1.71)	N/A	1.6%(0.99)	2.0%(1.27)	N/A
Additional "Pacific Islander" detailed responses	N/A	5.1%(1.99)	N/A	11.6%(3.24)	N/A	8.3%(3.75)
SOR Detailed Groups:						
Brazilian	N/A	1.0%(0.23)	N/A	7.7%(1.21)	N/A	14.5%(3.76)
Cape Verdean	N/A	0.2%(0.12)	N/A	3.7%(1.05)	N/A	2.3%(1.68)
Additional Hispanic "SOR" detailed responses	N/A	59.4%(1.11)	N/A	N/A	N/A	N/A
Additional non-Hispanic "SOR" detailed responses	N/A	7.7%(0.65)	N/A	72.2%(2.34)	N/A	70.4%(4.81)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H40. Reporting of Multiple-Responses by Question Format for All Modes

Level of multiple responses reported by major category	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White in combination with another group	69.1%(0.76)	90.3%(0.31)	89.3%(0.33)
Hispanic in combination with another group	63.2%(0.57)	35.5%(0.43)	37.7%(0.48)
Black in combination with another group	9.5%(0.20)	15.6%(0.49)	16.4%(0.55)
Asian in combination with another group	7.9%(0.29)	12.7%(0.38)	14.5%(0.41)
AIAN in combination with another group	20.5%(0.31)	37.2%(0.52)	35.0%(0.49)
MENA in combination with another group	3.4%(0.17)	6.4%(0.27)	7.4%(0.30)
NHPI in combination with another group	1.6%(0.09)	2.8%(0.14)	2.4%(0.14)
SOR in combination with another group	54.6%(0.57)	11.1%(0.33)	8.9%(0.29)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H41. Reporting of Multiple-Responses by Question Format for TQA

Level of multiple responses reported by major category	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White in combination with another group	76.1%(0.88)	91.2%(0.83)	91.9%(0.75)
Hispanic in combination with another group	59.0%(1.00)	28.9%(1.22)	27.3%(1.32)
Black in combination with another group	8.8%(0.63)	12.0%(0.90)	12.7%(1.03)
Asian in combination with another group	2.6%(0.34)	4.8%(0.64)	4.4%(0.61)
AIAN in combination with another group	27.6%(1.03)	49.4%(1.55)	51.4%(1.48)
MENA in combination with another group	2.3%(0.33)	4.0%(0.58)	4.0%(0.53)
NHPI in combination with another group	0.9%(0.17)	1.6%(0.31)	1.4%(0.28)
SOR in combination with another group	56.5%(1.04)	14.6%(1.01)	14.6%(1.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H42. Reporting of Multiple-Responses by Question Format for Paper

Level of multiple responses reported by major category	Separate Question	Combined Question with Write-In Response Areas	Combined Question with Detailed Checkboxes
White in combination with another group	67.2%(1.04)	86.6%(0.65)	84.7%(0.78)
Hispanic in combination with another group	75.1%(0.75)	42.9%(0.82)	55.7%(1.29)
Black in combination with another group	11.9%(0.54)	24.8%(0.91)	27.5%(1.40)
Asian in combination with another group	7.2%(0.44)	14.7%(0.60)	10.5%(0.83)
AIAN in combination with another group	13.4%(0.60)	25.1%(0.90)	21.4%(1.16)
MENA in combination with another group	2.6%(0.30)	6.0%(0.49)	3.9%(0.51)
NHPI in combination with another group	1.5%(0.23)	4.3%(0.37)	2.2%(0.32)
SOR in combination with another group	49.9%(0.95)	9.2%(0.51)	4.8%(0.55)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H43. Overall Consistency Between Self-Response and Reinterview for Multiple-Responses by Question Format for All Modes

Question Format	Consistency of Multiple Responses
Separate Questions	74.4% (1.39)
Combined Question with Write-In Response Areas	49.7% (1.51)
Combined Question with Detailed Checkboxes	54.3% (1.62)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H44. Overall Consistency Between Self-Response and Reinterview for Multiple-Responses by Question Format for TQA

Question Format	Consistency of Multiple Responses
Separate Questions	76.7% (3.68)
Combined Question with Write-In Response Areas	42.8% (4.43)
Combined Question with Detailed Checkboxes	59.8% (5.15)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H45. Overall Consistency Between Self-Response and Reinterview for Multiple-Responses by Question Format for Paper

Question Format	Consistency of Multiple Responses
Separate Questions	60.3% (3.32)
Combined Question with Write-In Response Areas	37.5% (3.35)
Combined Question with Detailed Checkboxes	39.6% (5.62)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H46. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for All Modes

	Alone or In Combination Groups							
	White	**Hispanic**	**Black**	**Asian**	**AIAN**	**MENA**	**NHPI**	**SOR**
Separate Questions Approach	96.9% (0.24)	90.3% (0.88)	97.2% (0.54)	96.2% (1.02)	56.7% (2.84)	68.9% (7.35)	44.5% (9.40)	31.0% (7.82)
Combined Question with Write-In Response Areas	94.8% (0.29)	93.4% (0.83)	96.2% (0.81)	95.1% (1.17)	48.6% (2.38)	63.0% (5.66)	55.2% (7.05)	13.1% (4.26)
Combined Question with Detailed Checkboxes	95.8% (0.26)	94.9% (0.78)	95.9% (0.78)	96.5% (0.76)	55.0% (2.83)	75.9% (6.15)	63.2% (9.18)	12.8% (6.19)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H47. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for TQA

	Alone or In Combination Groups							
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR
Separate Questions Approach	98.0% (0.42)	90.2% (3.15)	98.4% (0.67)	92.6% (4.08)	57.2% (6.66)	58.6% (32.04)	79.5% (20.82)	13.1% (12.01)
Combined Question with Write-In Response Areas	96.2% (0.68)	93.4% (2.00)	98.4% (0.77)	89.5% (5.37)	41.2% (7.74)	44.1% (17.91)	32.7% (33.70)	15.6% (16.95)
Combined Question with Detailed Checkboxes	96.1% (0.64)	95.9% (1.64)	97.9% (0.91)	93.4% (5.09)	67.7% (5.85)	71.4% (13.21)	70.3% (25.76)	9.5% (11.50)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H48. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Paper

	Alone or In Combination Groups							
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR
Separate Questions Approach	93.3% (0.97)	87.8% (2.19)	97.5% (0.97)	95.3% (3.45)	48.9% (7.45)	49.0% (21.13)	48.8% (46.10)	22.7% (15.80)
Combined Question with Write-In Response Areas	92.6% (0.62)	94.7% (0.99)	95.2% (1.41)	93.6% (2.63)	34.3% (3.79)	53.6% (10.80)	40.1% (11.44)	3.9% (2.41)
Combined Question with Detailed Checkboxes	93.1% (1.34)	95.7% (1.82)	95.7% (2.83)	93.5% (4.02)	54.3% (9.94)	36.4% (25.09)	11.3% (16.03)	0.3% (0.37)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H49. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for All Modes

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple*
Separate Questions Approach	94.7% (0.34)	11.6% (1.29)	96.8% (0.49)	96.3% (1.07)	75.9% (11.49)	44.2% (17.00)	44.2% (18.37)	39.4% (13.92)	74.4% (1.39)
Combined Question with Write-In Response Areas	94.7% (0.27)	95.7% (0.72)	96.7% (0.54)	98.3% (0.55)	87.1% (4.81)	58.9% (9.55)	43.3% (13.88)	4.7% (4.70)	49.7% (1.51)
Combined Question with Detailed Checkboxes	96.2% (0.31)	95.0% (0.97)	95.2% (1.04)	95.6% (0.72)	78.3% (9.84)	51.5% (15.17)	54.9% (24.75)	4.5% (5.24)	54.3% (1.62)

*A consistent multiple response here entails a respondent being classified as multiple OMB groups in both self-response and reinterview, regardless of if the OMB groups match exactly between self-response and reinterview.

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H50. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Internet

Self-Response	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple*
Separate Questions Approach	94.6% (0.39)	2.7% (0.70)	96.8% (0.67)	96.9% (0.80)	76.7% (15.71)	61.8% (16.06)	40.9% (19.97)	34.7% (21.43)	78.1% (1.61)
Combined Question with Write-In Response Areas	93.9% (0.38)	95.1% (1.29)	96.5% (0.92)	98.0% (0.74)	90.2% (7.37)	77.5% (9.08)	24.3% (16.45)	14.2% (16.65)	57.3% (1.60)
Combined Question with Detailed Checkboxes	96.5% (0.31)	94.6% (1.22)	98.0% (0.69)	96.0% (0.75)	94.3% (4.15)	50.2% (17.22)	65.2% (25.29)	0.0% (N/A)	55.4% (1.95)

*A consistent multiple response here entails a respondent being classified as multiple OMB groups in both self-response and reinterview, regardless of if the OMB groups match exactly between self-response and reinterview.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer

Table H51. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for TQA

Self-Response	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple*
Separate Questions Approach	95.1% (0.82)	6.9% (3.72)	97.1% (1.42)	97.6% (2.16)	96.8% (3.62)	60.2% (69.46)	0.0% (N/A)	0.0% (N/A)	76.7% (3.68)
Combined Question with Write-In Response Areas	93.0% (1.22)	95.0% (2.33)	97.1% (1.13)	95.0% (3.67)	81.7% (15.39)	14.1% (61.92)	100.0% (0.00)	1.5% (4.38)	42.8% (4.43)
Combined Question with Detailed Checkboxes	95.1% (0.79)	95.4% (2.32)	98.0% (0.87)	92.2% (4.82)	81.4% (17.50)	53.7% (31.69)	100.0% (0.00)	100.0% (0.00)	59.8% (5.15)

*A consistent multiple response here entails a respondent being classified as multiple OMB groups in both self-response and reinterview, regardless of if the OMB groups match exactly between self-response and reinterview.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer

Table H52. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Paper

Self-Response	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple*
Separate Questions Approach	94.9% (0.91)	31.0% (3.82)	96.6% (1.09)	92.2% (5.61)	68.3% (25.66)	8.9% (23.98)	71.6% (76.26)	55.9% (23.95)	60.3% (3.32)
Combined Question with Write-In Response Areas	97.0% (0.45)	96.3% (0.94)	96.8% (0.81)	99.6% (0.31)	86.0% (7.12)	40.9% (21.64)	76.6% (25.83)	1.7% (2.76)	37.5% (3.35)
Combined Question with Detailed Checkboxes	94.8% (1.29)	96.5% (1.48)	80.4% (5.01)	92.8% (3.17)	42.0% (20.07)	100.0% (0.00)	0.0% (N/A)	0.0% (N/A)	39.6% (5.62)

*A consistent multiple response here entails a respondent being classified as multiple OMB groups in both self-response and reinterview, regardless of if the OMB groups match exactly between self-response and reinterview.
Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer

Table H53. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Device Type Other

Self-Response	Alone or In Combination Groups							
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR
Separate Questions Approach	97.6% (0.28)	90.8% (1.40)	96.5% (0.95)	96.5% (1.31)	60.6% (3.64)	80.7% (4.88)	48.3% (13.67)	35.4% (10.38)
Combined Question with Write-In Response Areas	96.0% (0.33)	91.8% (1.65)	96.0% (1.34)	97.3% (0.82)	59.4% (3.43)	68.9% (8.72)	69.4% (10.57)	22.7% (9.24)
Combined Question with Detailed Checkboxes	96.0% (0.29)	94.2% (1.07)	95.1% (1.37)	96.9% (0.95)	52.3% (4.05)	78.3% (6.51)	66.5% (12.75)	17.9% (9.14)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table H54. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Device Type Tablet

Self-Response	Alone or In Combination Groups							
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR
Separate Questions Approach	98.4% (0.55)	92.1% (4.41)	96.9% (2.61)	96.4% (3.65)	28.9% (11.19)	72.3% (37.30)	4.3% (7.00)	0.0% (N/A)
Combined Question with Write-In Response Areas	94.0% (1.34)	93.5% (2.57)	99.1% (0.58)	94.9% (3.59)	71.1% (10.86)	63.3% (40.47)	50.7% (41.08)	0.0% (N/A)
Combined Question with Detailed Checkboxes	96.4% (0.76)	93.8% (2.43)	98.1% (1.90)	94.8% (3.47)	49.5% (10.34)	81.5% (20.62)	0.9% (1.67)	0.0% (N/A)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H55. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Question Format for Device Type Smartphone

Self-Response	Alone or In Combination Groups							
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR
Separate Questions Approach	96.2% (0.80)	93.5% (2.41)	97.9% (1.44)	96.9% (2.57)	70.9% (8.67)	68.6% (21.67)	62.1% (19.91)	55.8% (67.23)
Combined Question with Write-In Response Areas	93.6% (1.37)	93.2% (2.82)	99.5% (0.32)	81.3% (12.18)	42.8% (6.97)	98.8% (3.58)	70.1% (26.22)	0.0% (N/A)
Combined Question with Detailed Checkboxes	94.5% (1.62)	97.6% (1.04)	94.8% (3.06)	97.9% (1.63)	59.0% (11.23)	77.3% (19.37)	82.6% (14.38)	0.0% (N/A)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H56. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Question Format for All Modes

Separate Questions

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.7%** (**0.34**)	1.2% (0.59)	0.0% (N/A)	0.2% (0.17)	7.2% (7.09)	0.9% (0.79)	0.0% (N/A)	6.5% (5.27)	15.4% (1.20)
Hispanic	0.0% (0.00)	**11.6%** (**1.29**)	0.0% (0.03)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.0% (0.53)
Black	0.0% (0.00)	0.0% (0.05)	**96.8%** (**0.49**)	0.3% (0.18)	1.2% (1.24)	0.0% (N/A)	0.0% (N/A)	9.8% (6.07)	3.3% (0.67)
Asian	0.0% (0.04)	0.0% (N/A)	0.1% (0.10)	**96.3%** (**1.07**)	0.0% (N/A)	24.3% (24.35)	22.6% (17.22)	21.2% (10.68)	1.3% (0.26)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**75.9%** (**11.49**)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.0% (0.51)
MENA	0.1% (0.04)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**44.2%** (**17.00**)	0.0% (N/A)	0.0% (N/A)	0.7% (0.16)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.6% (0.55)	0.0% (N/A)	0.0% (N/A)	**44.2%** (**18.37**)	0.2% (0.20)	0.1% (0.07)
SOR	0.0% (0.00)	1.6% (0.63)	0.1% (0.09)	0.0% (N/A)	10.2% (10.40)	3.4% (3.59)	0.0% (N/A)	**39.4%** (**13.92**)	0.1% (0.06)
Multiple	4.3% (0.32)	83.8% (1.91)	2.0% (0.42)	2.7% (0.69)	5.5% (2.85)	25.9% (13.37)	33.1% (17.92)	19.4% (11.38)	**74.4%** (**1.39**)
Invalid	0.4% (0.07)	0.8% (0.53)	0.4% (0.27)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.5% (0.27)
Missing	0.5% (0.11)	1.0% (0.57)	0.5% (0.23)	0.0% (N/A)	0.0% (N/A)	1.3% (1.44)	0.0% (N/A)	3.4% (3.58)	0.2% (0.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.7%** (**0.27**)	0.2% (0.10)	0.0% (N/A)	0.1% (0.05)	2.2% (1.74)	8.3% (6.05)	0.0% (N/A)	11.6% (11.92)	17.5% (1.06)
Hispanic	0.1% (0.03)	**95.7%** (**0.72**)	0.2% (0.11)	0.0% (N/A)	0.5% (0.54)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	24.3% (1.14)
Black	0.0% (0.00)	0.0% (0.01)	**96.7%** (**0.54**)	0.2% (0.19)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	13.7% (13.64)	3.7% (0.47)
Asian	0.0% (N/A)	0.0% (0.03)	0.0% (0.04)	**98.3%** (**0.55**)	0.0% (N/A)	0.0% (N/A)	25.6% (14.22)	17.9% (19.57)	1.5% (0.32)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.1% (0.09)	**87.1%** (**4.81**)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.2% (0.21)
MENA	0.0% (0.04)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**58.9%** (**9.55**)	0.0% (N/A)	0.0% (N/A)	1.1% (0.34)
NHPI	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**43.3%** (**13.88**)	0.0% (N/A)	0.2% (0.09)
SOR	0.0% (0.02)	0.0% (N/A)	0.0% (0.02)	0.3% (0.17)	0.0% (N/A)	0.1% (0.10)	0.0% (N/A)	**4.7%** (**4.70**)	0.1% (0.06)
Multiple	4.7% (0.27)	3.3% (0.56)	2.2% (0.42)	1.1% (0.47)	9.8% (3.96)	26.5% (8.92)	30.0% (12.50)	50.9% (18.08)	**49.7%** (**1.51**)
Invalid	0.0% (0.02)	0.4% (0.21)	0.1% (0.07)	0.0% (N/A)	0.0% (N/A)	6.0% (5.87)	1.1% (1.10)	1.2% (1.34)	0.4% (0.17)
Missing	0.4% (0.12)	0.5% (0.27)	0.8% (0.38)	0.0% (0.02)	0.4% (0.37)	0.1% (0.14)	0.0% (N/A)	0.0% (N/A)	0.3% (0.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**96.2%** **(0.31)**	0.0% (0.05)	0.0% (N/A)	0.0% (0.00)	0.1% (0.10)	10.2% (6.62)	0.0% (N/A)	24.1% (26.77)	16.2% (1.36)
Hispanic	0.1% (0.07)	**95.0%** **(0.97)**	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	21.9% (1.42)
Black	0.0% (0.00)	0.1% (0.10)	**95.2%** **(1.04)**	0.1% (0.13)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.1% (3.64)	2.8% (0.47)
Asian	0.0% (0.03)	0.0% (N/A)	0.0% (N/A)	**95.6%** **(0.72)**	0.0% (N/A)	0.9% (0.98)	31.2% (25.93)	15.1% (13.08)	2.1% (0.46)
AIAN	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**78.3%** **(9.84)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.3% (0.28)
MENA	0.0% (0.00)	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	**51.5%** **(15.17)**	0.0% (N/A)	0.0% (N/A)	0.7% (0.24)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**54.9%** **(24.75)**	0.0% (N/A)	0.1% (0.03)
SOR	0.0% (0.01)	0.1% (0.12)	0.0% (N/A)	0.2% (0.17)	0.3% (0.30)	0.3% (0.27)	0.0% (N/A)	**4.5%** **(5.24)**	0.1% (0.09)
Multiple	3.4% (0.31)	4.1% (0.83)	4.0% (0.95)	3.8% (0.68)	17.7% (9.84)	37.1% (15.03)	13.9% (11.66)	42.2% (30.04)	**54.3%** **(1.62)**
Invalid	0.0% (0.02)	0.1% (0.06)	0.0% (0.04)	0.0% (0.00)	1.4% (1.36)	0.0% (N/A)	0.0% (N/A)	11.0% (10.09)	0.3% (0.13)
Missing	0.2% (0.06)	0.5% (0.51)	0.8% (0.53)	0.3% (0.25)	2.2% (2.23)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H57. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Question Format for Internet

Separate Questions Approach

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.6%** **(0.39)**	1.0% (0.57)	0.0% (N/A)	0.2% (0.20)	0.0% (N/A)	0.3% (0.26)	0.0% (N/A)	6.8% (7.25)	14.9% (1.21)
Hispanic	0.0% (0.01)	**2.7%** **(0.70)**	0.1% (0.06)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.13)
Black	0.0% (N/A)	0.1% (0.08)	**96.8%** **(0.67)**	0.2% (0.19)	1.8% (1.91)	0.0% (N/A)	0.0% (N/A)	4.8% (5.16)	2.2% (0.60)
Asian	0.1% (0.05)	0.0% (N/A)	0.2% (0.15)	**96.9%** **(0.80)**	0.0% (N/A)	0.7% (0.63)	25.4% (19.41)	25.5% (14.83)	1.6% (0.34)
AIAN	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**76.7%** **(15.71)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.4% (0.40)
MENA	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**61.8%** **(16.06)**	0.0% (N/A)	0.0% (N/A)	0.8% (0.23)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**40.9%** **(19.97)**	0.0% (N/A)	0.0% (0.01)
SOR	0.0% (0.00)	0.9% (0.55)	0.2% (0.15)	0.0% (N/A)	15.4% (15.91)	5.3% (5.72)	0.0% (N/A)	**34.7%** **(21.43)**	0.0% (0.03)
Multiple	4.6% (0.39)	95.3% (1.11)	1.7% (0.49)	2.7% (0.78)	6.1% (4.04)	31.9% (16.60)	33.7% (20.10)	28.2% (17.67)	**78.1%** **(1.61)**
Invalid	0.4% (0.10)	0.0% (0.01)	0.6% (0.47)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.5% (0.34)
Missing	0.3% (0.12)	0.1% (0.06)	0.4% (0.26)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.15)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**93.9%** **(0.38)**	0.3% (0.21)	0.0% (N/A)	0.0% (0.02)	1.5% (1.50)	5.2% (4.91)	0.0% (N/A)	0.0% (N/A)	13.2% (1.33)
Hispanic	0.0% (0.01)	**95.1%** **(1.29)**	0.1% (0.10)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	21.7% (1.31)
Black	0.0% (N/A)	0.0% (N/A)	**96.5%** **(0.92)**	0.3% (0.26)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	14.4% (16.76)	2.7% (0.60)
Asian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**98.0%** **(0.74)**	0.0% (N/A)	0.0% (N/A)	27.7% (20.37)	6.8% (6.77)	1.6% (0.48)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.1% (0.12)	**90.2%** **(7.37)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.4% (0.35)
MENA	0.1% (0.06)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**77.5%** **(9.08)**	0.0% (N/A)	0.0% (N/A)	1.1% (0.38)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**24.3%** **(16.45)**	0.0% (N/A)	0.2% (0.14)
SOR	0.0% (0.03)	0.0% (N/A)	0.0% (0.05)	0.2% (0.18)	0.0% (N/A)	0.2% (0.19)	0.0% (N/A)	**14.2%** **(16.65)**	0.2% (0.10)
Multiple	5.7% (0.37)	4.0% (0.95)	2.5% (0.64)	1.4% (0.64)	8.3% (6.74)	16.5% (8.25)	46.3% (19.43)	60.3% (27.72)	**57.3%** **(1.60)**
Invalid	0.0% (0.02)	0.3% (0.34)	0.2% (0.17)	0.0% (N/A)	0.0% (N/A)	0.6% (0.60)	1.6% (1.75)	4.3% (5.07)	0.5% (0.27)
Missing	0.2% (0.14)	0.2% (0.24)	0.7% (0.71)	0.0% (0.03)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.13)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview								
	White	**Hispanic**	**Black**	**Asian**	**AIAN**	**MENA**	**NHPI**	**SOR**	**Multiple**
White	**96.5%** **(0.31)**	0.1% (0.06)	0.0% (N/A)	0.0% (0.00)	0.2% (0.20)	10.4% (7.58)	0.0% (N/A)	25.2% (28.44)	16.7% (1.67)
Hispanic	0.1% (0.08)	**94.6%** **(1.22)**	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	20.6% (1.58)
Black	0.0% (N/A)	0.1% (0.14)	**98.0%** **(0.69)**	0.1% (0.15)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.3% (3.88)	2.6% (0.58)
Asian	0.1% (0.04)	0.0% (N/A)	0.0% (N/A)	**96.0%** **(0.75)**	0.0% (N/A)	0.0% (N/A)	10.9% (11.72)	15.8% (14.10)	2.2% (0.51)
AIAN	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**94.3%** **(4.15)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.1% (0.31)
MENA	0.0% (0.00)	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	**50.2%** **(17.22)**	0.0% (N/A)	0.0% (N/A)	0.9% (0.30)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**65.2%** **(25.29)**	0.0% (N/A)	0.0% (0.03)
SOR	0.0% (0.01)	0.2% (0.16)	0.0% (N/A)	0.2% (0.19)	0.0% (N/A)	0.3% (0.31)	0.0% (N/A)	**0.0%** **(N/A)**	0.2% (0.11)
Multiple	3.1% (0.31)	4.2% (1.08)	1.6% (0.61)	3.4% (0.69)	2.9% (2.57)	39.1% (17.01)	23.9% (21.18)	44.2% (31.50)	**55.4%** **(1.95)**
Invalid	0.0% (0.02)	0.1% (0.08)	0.0% (N/A)	0.0% (N/A)	2.6% (2.65)	0.0% (N/A)	0.0% (N/A)	11.5% (10.77)	0.3% (0.15)
Missing	0.2% (0.08)	0.7% (0.69)	0.3% (0.35)	0.3% (0.27)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H58. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Question Format for TQA

Separate Questions Approach

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**95.1%** **(0.82)**	0.0% (0.04)	0.0% (N/A)	0.0% (N/A)	3.2% (3.62)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	12.4% (2.54)
Hispanic	0.0% (N/A)	**6.9%** **(3.72)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.17)
Black	0.0% (N/A)	0.0% (N/A)	**97.1%** **(1.42)**	0.2% (0.19)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	90.9% (90.41)	5.8% (1.80)
Asian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**97.6%** **(2.16)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	9.1% (90.41)	0.2% (0.20)
AIAN	0.1% (0.09)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**96.8%** **(3.62)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.8% (1.63)
MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**60.2%** **(69.46)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0%** **(N/A)**	0.0% (N/A)	0.7% (0.71)
SOR	0.0% (N/A)	0.9% (0.92)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0%** **(N/A)**	0.0% (N/A)
Multiple	4.7% (0.82)	92.2% (3.86)	2.6% (1.41)	2.2% (2.17)	0.0% (N/A)	2.4% (4.48)	0.0% (N/A)	0.0% (N/A)	**76.7%** **(3.68)**
Invalid	0.2% (0.17)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.17)
Missing	0.0% (0.01)	0.0% (N/A)	0.3% (0.33)	0.0% (N/A)	0.0% (N/A)	37.4% (67.19)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**93.0%** **(1.22)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	11.3% (11.79)	83.7% (71.52)	0.0% (N/A)	0.0% (N/A)	25.4% (4.75)
Hispanic	0.0% (N/A)	**95.0%** **(2.33)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	24.7% (4.14)
Black	0.0% (0.04)	0.1% (0.11)	**97.1%** **(1.13)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	4.4% (1.90)
Asian	0.0% (N/A)	0.5% (0.55)	0.0% (N/A)	**95.0%** **(3.67)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.2% (0.67)
AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**81.7%** **(15.39)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (0.44)
MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**14.1%** **(61.92)**	0.0% (N/A)	0.0% (N/A)	0.7% (0.53)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0%** **(0.00)**	0.0% (N/A)	0.0% (N/A)
SOR	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.9% (2.96)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**1.5%** **(4.38)**	0.0% (N/A)
Multiple	6.8% (1.23)	4.3% (2.27)	2.5% (0.99)	2.1% (2.16)	4.5% (3.70)	0.0% (N/A)	0.0% (N/A)	98.5% (4.38)	**42.8%** **(4.43)**
Invalid	0.1% (0.10)	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Missing	0.0% (0.00)	0.0% (N/A)	0.3% (0.31)	0.0% (N/A)	2.6% (2.72)	2.2% (9.82)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**95.1%** (0.79)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	10.1% (10.56)	0.0% (N/A)	0.0% (N/A)	12.9% (2.62)
Hispanic	0.0% (0.03)	**95.4%** (2.32)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	21.9% (3.66)
Black	0.0% (0.01)	0.0% (N/A)	**98.0%** (0.87)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.5% (1.54)
Asian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**92.2%** (4.82)	0.0% (N/A)	9.3% (10.98)	0.0% (N/A)	0.0% (N/A)	0.5% (0.34)
AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**81.4%** (17.50)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.7% (0.49)
MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**53.7%** (31.69)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0%** (0.00)	0.0% (N/A)	0.2% (0.17)
SOR	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.12)	1.4% (1.70)	0.0% (N/A)	0.0% (N/A)	**100.0%** (0.00)	0.0% (N/A)
Multiple	4.7% (0.80)	4.3% (2.29)	1.7% (0.84)	7.6% (4.81)	7.1% (8.85)	26.9% (30.19)	0.0% (N/A)	0.0% (N/A)	**59.8%** (5.15)
Invalid	0.0% (0.04)	0.0% (N/A)	0.2% (0.23)	0.1% (0.12)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.4% (0.43)
Missing	0.1% (0.09)	0.3% (0.35)	0.0% (N/A)	0.0% (N/A)	10.1% (12.47)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H59. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Question Format for Paper

Separate Questions Approach

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.9%** **(0.91)**	2.1% (1.67)	0.0% (N/A)	0.0% (N/A)	26.4% (26.94)	2.1% (5.75)	0.0% (N/A)	6.4% (7.15)	18.7% (3.75)
Hispanic	0.0% (N/A)	**31.0%** **(3.82)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	9.2% (2.59)
Black	0.0% (0.01)	0.0% (N/A)	**96.6%** **(1.09)**	0.7% (0.72)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	12.4% (13.69)	6.0% (2.47)
Asian	0.0% (N/A)	0.0% (N/A)	0.1% (0.14)	**92.2%** **(5.61)**	0.0% (N/A)	72.0% (72.33)	0.0% (N/A)	12.2% (13.40)	0.8% (0.57)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**68.3%** **(25.66)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.1% (1.87)
MENA	0.2% (0.24)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**8.9%** **(23.98)**	0.0% (N/A)	0.0% (N/A)	0.4% (0.35)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	4.1% (4.16)	0.0% (N/A)	0.0% (N/A)	**71.6%** **(76.26)**	0.7% (0.79)	0.0% (N/A)
SOR	0.0% (N/A)	3.1% (1.83)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**55.9%** **(23.95)**	0.5% (0.32)
Multiple	2.7% (0.70)	58.2% (5.52)	2.3% (0.90)	2.9% (1.74)	5.3% (5.11)	17.0% (44.87)	28.4% (76.26)	0.0% (N/A)	**60.3%** **(3.32)**
Invalid	0.3% (0.18)	2.5% (1.74)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.7% (0.67)
Missing	1.9% (0.50)	3.1% (1.85)	1.0% (0.63)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	12.4% (13.69)	0.4% (0.24)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**97.0%** **(0.45)**	0.1% (0.06)	0.0% (N/A)	0.2% (0.19)	0.0% (N/A)	0.4% (0.49)	0.0% (N/A)	18.5% (19.76)	23.6% (2.23)
Hispanic	0.2% (0.09)	**96.3%** **(0.94)**	0.3% (0.18)	0.0% (N/A)	1.2% (1.26)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	29.0% (2.12)
Black	0.0% (N/A)	0.0% (N/A)	**96.8%** **(0.81)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	16.3% (26.55)	5.5% (1.01)
Asian	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)	**99.6%** **(0.31)**	0.0% (N/A)	0.0% (N/A)	23.4% (25.83)	26.1% (41.59)	1.4% (0.47)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.1% (0.12)	**86.0%** **(7.12)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (0.23)
MENA	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**40.9%** **(21.64)**	0.0% (N/A)	0.0% (N/A)	1.4% (0.81)
NHPI	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**76.6%** **(25.83)**	0.0% (N/A)	0.0% (0.05)
SOR	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.07)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**1.7%** **(2.76)**	0.0% (0.00)
Multiple	1.6% (0.32)	2.5% (0.75)	1.8% (0.63)	0.0% (0.02)	12.8% (6.90)	44.3% (22.57)	0.0% (N/A)	37.0% (39.52)	**37.5%** **(3.35)**
Invalid	0.1% (0.05)	0.4% (0.31)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	14.4% (15.49)	0.0% (N/A)	0.4% (0.57)	0.2% (0.17)
Missing	1.1% (0.33)	0.7% (0.52)	1.1% (0.52)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.5% (0.28)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.8%** **(1.29)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	16.4% (4.07)
Hispanic	0.0% (0.02)	**96.5%** **(1.48)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	32.9% (5.82)
Black	0.0% (N/A)	0.0% (N/A)	**80.4%** **(5.01)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.7% (1.68)
Asian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**92.8%** **(3.17)**	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	0.0% (N/A)	3.2% (2.57)
AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**42.0%** **(20.07)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.5% (1.50)
MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0%** **(0.00)**	0.0% (N/A)	0.0% (N/A)	0.6% (0.45)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0%** **(N/A)**	0.0% (N/A)	0.0% (N/A)
SOR	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0%** **(N/A)**	0.0% (N/A)
Multiple	5.0% (1.24)	3.5% (1.48)	16.1% (4.36)	7.2% (3.17)	58.0% (20.07)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**39.6%** **(5.62)**
Invalid	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Missing	0.2% (0.17)	0.0% (N/A)	3.5% (3.07)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.09)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H60. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Question Format for All Modes

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White *and* Black *and* AIAN	White *and* Hispanic *and* AIAN
Separate Question	66.6% (8.63)	24.7% (2.34)	71.4% (6.84)	49.3% (3.59)	30.6% (9.14)	29.7% (11.31)	16.6% (7.01)	56.8% (9.92)	22.0% (10.05)	10.9% (4.71)
Combined Question with Write-In Response Areas	63.6% (6.62)	33.5% (2.23)	73.0% (6.01)	41.7% (2.84)	51.3% (8.51)	21.2% (5.71)	30.7% (11.40)	44.2% (8.04)	63.9% (17.41)	34.5% (7.19)
Combined Question with Detailed Checkboxes	71.6% (7.80)	37.2% (2.74)	76.2% (6.39)	49.3% (3.78)	40.2% (12.57)	13.6% (7.23)	38.6% (12.46)	68.9% (6.78)	69.8% (13.19)	35.1% (11.53)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H61. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Question Format for Internet

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White *and* Black *and* AIAN	White *and* Hispanic *and* AIAN
Separate Question	67.5% (9.56)	22.3% (2.62)	71.1% (7.53)	53.9% (4.57)	27.6% (8.41)	45.8% (16.57)	21.1% (10.33)	59.7% (9.18)	21.0% (12.99)	13.2% (5.58)
Combined Question with Write-In Response Areas	71.7% (8.01)	34.7% (3.24)	80.1% (6.19)	53.0% (3.87)	59.9% (11.58)	21.6% (13.39)	49.8% (14.98)	50.7% (9.66)	75.3% (12.94)	31.4% (8.10)
Combined Question with Detailed Checkboxes	71.0% (9.24)	38.8% (3.17)	76.0% (7.04)	44.7% (4.29)	40.6% (14.92)	16.6% (11.78)	59.2% (14.66)	72.3% (7.32)	81.5% (10.65)	38.7% (13.22)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H62. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Question Format for TQA

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White *and* Black *and* AIAN	White *and* Hispanic *and* AIAN
Separate Question	85.2% (20.36)	21.7% (5.06)	1.1% (2.93)	49.1% (7.57)	56.2% (48.40)	15.7% (10.60)	16.1% (32.68)	100.0% (0.0)	50.9% (35.76)	0.0% (N/A)
Combined Question with Write-In Response Areas	68.6% (22.71)	34.0% (5.64)	57.8% (56.74)	37.0% (9.75)	0.0% (N/A)	32.5% (20.91)	0.0% (N/A)	55.7% (23.51)	100.0% (0.00)	12.5% (13.05)
Combined Question with Detailed Checkboxes	73.0% (55.02)	36.5% (6.80)	100.0% (0.00)	74.4% (6.56)	3.3% (13.72)	7.2% (5.79)	65.6% (39.07)	42.6% (33.37)	26.7% (24.92)	10.3% (27.95)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H63. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Question Format for Paper

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White *and* Black *and* AIAN	White *and* Hispanic *and* AIAN
Separate Question	51.3% (29.32)	32.8% (5.15)	93.1% (6.96)	32.3% (7.83)	33.5% (36.07)	1.0% (1.45)	5.7% (6.51)	46.2% (42.51)	1.1% (1.62)	0.0% (N/A)
Combined Question with Write-In Response Areas	44.7% (22.37)	31.6% (4.21)	57.9% (11.67)	19.7% (4.32)	39.0% (18.74)	17.9% (8.84)	7.7% (4.02)	28.6% (12.46)	35.6% (65.07)	48.9% (23.96)
Combined Question with Detailed Checkboxes	75.3% (18.42)	26.3% (8.26)	62.9% (24.89)	44.1% (11.93)	51.2% (51.46)	11.2% (13.50)	3.7% (5.34)	25.2% (30.65)	19.5% (82.00)	27.1% (38.33)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H64. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Question Format for All Modes

Separate Questions Approach

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	66.6% (8.63)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.7% (1.10)	0.1% (0.03)
White *and* Hispanic	0.0% (N/A)	24.7% (2.34)	0.0% (N/A)	0.1% (0.05)	0.0% (N/A)	1.9% (0.76)	0.8% (0.11)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	71.4% (6.84)	0.0% (N/A)	0.0% (N/A)	4.0% (1.65)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	0.0% (0.05)	0.0% (N/A)	49.3% (3.59)	0.0% (N/A)	1.1% (0.48)	1.9% (0.21)
Hispanic *and* Black	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	30.6% (9.14)	0.5% (0.25)	0.1% (0.02)
Hispanic *and* SOR	0.1% (0.06)	13.3% (1.58)	0.0% (N/A)	0.0% (N/A)	0.9% (0.70)	4.2% (1.50)	3.2% (0.20)
White *and* Hispanic *and* SOR	0.0% (N/A)	42.4% (2.76)	0.0% (N/A)	0.0% (N/A)	1.7% (1.71)	2.3% (0.80)	1.3% (0.13)
Other combinations	5.7% (3.00)	7.3% (1.31)	6.9% (4.53)	5.0% (1.76)	54.7% (9.70)	52.6% (3.21)	1.8% (0.12)
Single response	25.7% (8.28)	12.0% (1.80)	21.7% (6.41)	44.6% (3.56)	11.4% (4.91)	29.7% (3.61)	89.9% (0.34)
Missing	1.9% (1.90)	0.2% (0.11)	0.0% (N/A)	0.0% (N/A)	0.6% (0.64)	0.0% (N/A)	0.5% (0.10)
Invalid	0.0% (N/A)	0.0% (0.04)	0.0% (0.02)	1.1% (0.98)	0.0% (N/A)	1.1% (0.71)	0.4% (0.07)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	63.6% (6.62)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.0% (1.19)	0.2% (0.04)
White *and* Hispanic	0.0% (N/A)	33.5% (2.23)	0.0% (N/A)	0.1% (0.13)	0.0% (N/A)	3.8% (1.27)	0.6% (0.08)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	73.0% (6.01)	0.0% (0.05)	0.0% (N/A)	2.9% (0.86)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	0.7% (0.74)	0.0% (N/A)	41.7% (2.84)	0.0% (N/A)	1.2% (0.45)	2.1% (0.16)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	51.3% (8.51)	0.4% (0.34)	0.0% (0.02)
Other combinations	17.2% (8.86)	3.5% (0.93)	4.5% (1.80)	5.5% (1.13)	3.1% (3.01)	47.2% (3.20)	1.2% (0.12)
Single response	18.1% (5.79)	61.9% (2.26)	21.9% (6.05)	51.5% (2.81)	45.6% (8.45)	41.6% (3.30)	95.3% (0.21)
Missing	1.1% (1.12)	0.1% (0.06)	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.7% (0.42)	0.5% (0.10)
Invalid	0.0% (N/A)	0.2% (0.13)	0.7% (0.68)	1.1% (0.70)	0.0% (N/A)	0.1% (0.06)	0.1% (0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	71.6% (7.80)	0.0% (N/A)	0.0% (N/A)	0.1% (0.14)	0.0% (N/A)	2.6% (1.37)	0.2% (0.07)
White *and* Hispanic	0.0% (N/A)	37.2% (2.74)	0.0% (0.03)	0.3% (0.31)	0.2% (0.23)	2.4% (0.74)	0.5% (0.10)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	76.2% (6.39)	0.0% (N/A)	0.0% (N/A)	1.4% (0.60)	0.2% (0.06)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	49.3% (3.78)	0.0% (N/A)	2.5% (1.05)	1.5% (0.19)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	40.2% (12.57)	1.1% (0.79)	0.1% (0.02)
Other combinations	4.3% (1.94)	2.6% (0.68)	6.9% (4.01)	3.6% (1.21)	19.6% (18.14)	52.9% (3.58)	1.2% (0.14)
Single response	24.1% (7.32)	59.9% (2.72)	16.4% (4.17)	46.4% (3.63)	40.0% (11.33)	36.7% (3.16)	96.0% (0.30)
Missing	0.0% (N/A)	0.1% (0.05)	0.5% (0.52)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.3% (0.08)
Invalid	0.0% (N/A)	0.3% (0.25)	0.0% (N/A)	0.2% (0.24)	0.0% (N/A)	0.4% (0.29)	0.1% (0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H65. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Question Format for Internet

Separate Questions Approach

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	67.5% (9.56)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.9% (1.39)	0.1% (0.03)
White *and* Hispanic	0.0% (N/A)	22.3% (2.62)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.8% (0.86)	0.5% (0.10)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	71.1% (7.53)	0.0% (N/A)	0.0% (N/A)	5.3% (2.21)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	0.1% (0.07)	0.0% (N/A)	53.9% (4.57)	0.0% (N/A)	1.0% (0.57)	2.2% (0.26)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	27.6% (8.41)	0.6% (0.35)	0.0% (0.01)
Hispanic *and* SOR	0.0% (N/A)	14.6% (2.31)	0.0% (N/A)	0.0% (N/A)	1.3% (0.97)	4.5% (1.90)	3.3% (0.25)
White *and* Hispanic *and* SOR	0.0% (N/A)	47.0% (3.04)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.7% (1.07)	1.2% (0.12)
Other combinations	9.4% (4.61)	9.8% (2.01)	5.7% (4.82)	1.3% (0.70)	61.7% (9.87)	55.4% (4.03)	1.8% (0.14)
Single response	20.0% (8.27)	6.2% (1.53)	23.2% (7.25)	43.3% (3.97)	9.4% (4.97)	25.0% (3.62)	90.1% (0.39)
Missing	3.0% (3.10)	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.3% (0.10)
Invalid	0.0% (N/A)	0.1% (0.06)	0.0% (0.03)	1.5% (1.46)	0.0% (N/A)	0.7% (0.49)	0.4% (0.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	71.7% (8.01)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.7% (1.16)	0.1% (0.05)
White *and* Hispanic	0.0% (N/A)	34.7% (3.24)	0.0% (N/A)	0.2% (0.21)	0.0% (N/A)	5.6% (2.18)	0.6% (0.10)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	80.1% (6.19)	0.0% (N/A)	0.0% (N/A)	3.0% (1.04)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	1.3% (1.28)	0.0% (N/A)	53.0% (3.87)	0.0% (N/A)	1.0% (0.42)	2.9% (0.23)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	59.9% (11.58)	0.0% (N/A)	0.0% (0.03)
Other combinations	11.3% (6.24)	5.4% (1.58)	4.8% (2.41)	5.7% (1.56)	5.1% (4.99)	55.4% (3.82)	1.4% (0.15)
Single response	17.0% (7.14)	58.3% (3.12)	14.1% (5.85)	39.7% (3.74)	35.0% (11.57)	32.6% (3.28)	94.6% (0.31)
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.6% (0.56)	0.2% (0.12)
Invalid	0.0% (N/A)	0.3% (0.20)	1.0% (1.00)	1.4% (1.12)	0.0% (N/A)	0.1% (0.10)	0.1% (0.03)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	71.0% (9.24)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.3% (1.61)	0.1% (0.04)
White *and* Hispanic	0.0% (N/A)	38.8% (3.17)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.6% (0.91)	0.3% (0.07)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	76.0% (7.04)	0.0% (N/A)	0.0% (N/A)	1.7% (0.74)	0.2% (0.07)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	44.7% (4.29)	0.0% (N/A)	2.7% (1.30)	1.5% (0.19)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	40.6% (14.92)	1.4% (0.99)	0.0% (0.00)
Other combinations	5.0% (2.47)	3.0% (0.84)	7.9% (4.75)	3.7% (1.51)	22.5% (20.86)	56.3% (4.20)	1.2% (0.16)
Single response	24.0% (8.39)	57.7% (3.16)	15.5% (4.36)	51.2% (4.35)	36.9% (12.24)	32.7% (3.70)	96.4% (0.27)
Missing	0.0% (N/A)	0.1% (0.06)	0.6% (0.62)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.08)
Invalid	0.0% (N/A)	0.4% (0.33)	0.0% (N/A)	0.3% (0.32)	0.0% (N/A)	0.3% (0.27)	0.1% (0.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H66. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Question Format for TQA

Separate Questions Approach

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	85.2% (20.36)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.0% (2.06)	0.1% (0.09)
White *and* Hispanic	0.0% (N/A)	21.7% (5.06)	0.0% (N/A)	0.4% (0.36)	0.0% (N/A)	0.0% (N/A)	1.0% (0.35)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	1.1% (2.93)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	49.1% (7.57)	0.0% (N/A)	4.1% (3.39)	2.0% (0.54)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	56.2% (48.40)	0.0% (N/A)	0.2% (0.16)
Hispanic *and* SOR	0.0% (N/A)	10.8% (3.43)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	6.9% (3.78)	2.3% (0.50)
White *and* Hispanic *and* SOR	0.0% (N/A)	52.5% (6.74)	0.0% (N/A)	0.0% (N/A)	28.5% (39.56)	2.0% (2.05)	2.4% (0.74)
Other combinations	0.0% (N/A)	5.2% (2.50)	72.7% (73.97)	20.7% (9.20)	1.3% (1.90)	35.0% (10.00)	1.6% (0.31)
Single response	14.8% (20.36)	9.8% (5.09)	26.3% (71.29)	29.3% (6.91)	14.0% (20.11)	49.9% (9.89)	90.1% (1.16)
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.05)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.5% (0.52)	0.0% (N/A)	0.0% (N/A)	0.1% (0.13)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	68.6% (22.71)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.06)
White *and* Hispanic	0.0% (N/A)	34.0% (5.64)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.2% (0.89)	0.5% (0.18)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	57.8% (56.74)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	37.0% (9.75)	0.0% (N/A)	4.7% (3.19)	3.3% (0.88)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.2% (1.27)	0.0% (N/A)
Other combinations	0.0% (N/A)	3.8% (3.45)	0.0% (N/A)	13.9% (5.14)	0.0% (N/A)	24.6% (9.10)	2.1% (0.48)
Single response	31.4% (22.71)	62.2% (6.73)	42.2% (56.74)	49.1% (9.26)	100.0% (0.00)	68.3% (10.18)	93.8% (0.94)
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.05)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.07)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	73.0% (55.02)	0.0% (N/A)	0.0% (N/A)	0.9% (0.90)	0.0% (N/A)	6.4% (5.38)	0.0% (0.04)
White *and* Hispanic	0.0% (N/A)	36.5% (6.80)	0.0% (N/A)	0.0% (N/A)	5.7% (23.82)	0.8% (0.72)	0.4% (0.17)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.06)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	74.4% (6.56)	0.0% (N/A)	0.7% (0.71)	2.9% (0.57)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.3% (13.72)	0.0% (N/A)	0.0% (N/A)
Other combinations	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	4.0% (2.14)	0.0% (N/A)	52.0% (11.34)	1.0% (0.25)
Single response	27.0% (55.02)	63.5% (6.80)	0.0% (N/A)	20.7% (6.11)	91.0% (37.01)	38.3% (10.58)	95.4% (0.65)
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.8% (1.86)	0.1% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H67. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Question Format for Paper

Separate Questions Approach

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	51.3% (29.32)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.9% (1.91)	0.2% (0.10)
White *and* Hispanic	0.0% (N/A)	32.8% (5.15)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.7% (2.02)	1.7% (0.47)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	93.1% (6.96)	0.0% (N/A)	0.0% (N/A)	0.2% (0.20)	0.2% (0.13)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	32.3% (7.83)	0.0% (N/A)	0.0% (N/A)	0.4% (0.24)
Hispanic *and* Black	0.0% (N/A)	0.0% (0.04)	0.0% (N/A)	0.0% (N/A)	33.5% (36.07)	0.0% (N/A)	0.2% (0.09)
Hispanic *and* SOR	0.2% (0.28)	10.7% (2.63)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.0% (1.54)	3.2% (0.57)
White *and* Hispanic *and* SOR	0.0% (N/A)	24.8% (6.14)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.7% (0.51)	1.2% (0.26)
Other combinations	0.0% (N/A)	1.4% (0.74)	0.0% (N/A)	6.1% (4.64)	46.7% (39.41)	48.7% (12.29)	1.7% (0.48)
Single response	48.5% (29.42)	29.6% (5.44)	6.9% (6.96)	61.6% (7.98)	17.0% (20.01)	40.5% (12.93)	88.8% (0.98)
Missing	0.0% (N/A)	0.7% (0.49)	0.0% (N/A)	0.0% (N/A)	2.8% (3.52)	0.0% (N/A)	1.8% (0.43)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.3% (3.43)	0.5% (0.23)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Write-In Response Areas

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	44.7% (22.37)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.9% (2.94)	0.2% (0.09)
White *and* Hispanic	0.0% (N/A)	31.6% (4.21)	0.0% (N/A)	0.1% (0.08)	0.0% (N/A)	1.2% (0.82)	0.5% (0.12)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	57.9% (11.67)	0.2% (0.17)	0.0% (N/A)	3.3% (1.88)	0.1% (0.06)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	19.7% (4.32)	0.0% (N/A)	1.0% (0.75)	0.3% (0.14)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	39.0% (18.74)	1.0% (0.99)	0.0% (0.00)
Other combinations	33.7% (31.04)	0.4% (0.38)	4.6% (3.48)	1.9% (1.08)	0.0% (N/A)	37.0% (5.11)	0.6% (0.14)
Single response	17.9% (9.97)	67.6% (4.21)	37.6% (11.67)	77.4% (4.58)	61.0% (18.74)	52.5% (5.62)	97.0% (0.34)
Missing	3.7% (4.31)	0.3% (0.17)	0.0% (N/A)	0.0% (0.02)	0.0% (N/A)	1.0% (0.80)	1.0% (0.25)
Invalid	0.0% (N/A)	0.2% (0.19)	0.0% (N/A)	0.7% (0.73)	0.0% (N/A)	0.1% (0.05)	0.1% (0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Combined Question with Detailed Checkboxes

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	75.3% (18.42)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.13)	1.6% (0.65)
White *and* Hispanic	0.0% (N/A)	26.3% (8.26)	0.2% (0.28)	4.0% (4.00)	0.0% (N/A)	2.7% (2.78)	2.7% (0.59)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	62.9% (24.89)	0.0% (N/A)	0.0% (N/A)	0.8% (0.80)	0.1% (0.06)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	44.1% (11.93)	0.0% (N/A)	2.7% (2.78)	0.2% (0.12)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	51.2% (51.46)	0.0% (N/A)	0.7% (0.27)
Other combinations	1.0% (1.09)	2.0% (2.04)	3.6% (4.17)	1.2% (0.96)	0.0% (N/A)	25.1% (9.43)	1.7% (0.63)
Single response	23.8% (18.27)	71.5% (8.54)	33.2% (22.78)	50.7% (11.62)	48.8% (51.46)	68.5% (10.21)	92.3% (1.27)
Missing	0.0% (N/A)	0.3% (0.24)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.7% (0.51)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.00)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table H68. Item Non-Response for Respondents in Separate Question who Indicated Hispanic in Hispanic Origin Question

What percentage of respondents provide…?	Race/Ethnicity Question		
	No Response	Invalid Response	No Valid Response
Overall	8.4% (0.40)	1.0% (0.09)	9.4% (0.42)
Internet	2.0% (0.14)	1.1% (0.11)	3.1% (0.18)
TQA	2.5% (0.46)	0.8% (0.15)	3.3% (0.47)
Paper	27.4% (0.96)	0.8% (0.13)	28.1% (0.99)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table H69. Identified with Group in Reinterview but not in Self Response by Question Type for All Modes

Question Format	White	SOR
Separate Questions Approach	3.1% (0.24)	69.0% (7.82)
Combined Question with Write-In Response Areas	5.2% (0.29)	86.9% (4.26)
Combined Question with Detailed Checkboxes	4.2% (0.26)	87.2% (6.19)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Appendix I. Additional MENA Tables

Table I1. Reporting of MENA Responses by Presence of Distinct MENA Category for Internet

		In which category was MENA response provided?				
	Total % Identified as MENA	**White**	**Black**	**MENA**	**SOR**	**Another category**
Question with Distinct MENA Category	1.0%(0.03)	21.4%(1.11)	0.3%(0.13)	77.8%(1.16)	3.0%(0.45)	1.0%(0.29)
Question with NO MENA Category	1.0%(0.03)	87.1%(1.05)	1.1%(0.24)	N/A	10.2%(0.95)	2.7%(0.56)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I2. Reporting of MENA Responses by Presence of Distinct MENA Category for TQA

		In which category was MENA response provided?				
	Total % Identified as MENA	**White**	**Black**	**MENA**	**SOR**	**Another category**
Question with Distinct MENA Category	0.5%(0.06)	46.6%(5.37)	0.0%(N/A)	48.4%(5.63)	2.3%(1.18)	5.0%(3.54)
Question with NO MENA Category	0.6%(0.07)	68.5%(4.95)	2.6%(1.76)	N/A	27.9%(4.80)	1.9%(1.10)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I3. Reporting of MENA Responses by Presence of Distinct MENA Category for Paper

		In which category was MENA response provided?				
	Total % Identified as MENA	**White**	**Black**	**MENA**	**SOR**	**Another category**
Question with Distinct MENA Category	0.8%(0.06)	9.7%(1.27)	1.7%(0.90)	88.6%(1.69)	4.6%(1.30)	0.1%(0.06)
Question with NO MENA Category	0.5%(0.05)	82.6%(3.06)	2.2%(1.34)	N/A	11.9%(2.28)	5.3%(2.23)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I4. Reporting of MENA Responses by Presence of Distinct MENA Category for Device Type Other

		In which category was MENA response provided?				
	Total % Identified as MENA	White	Black	MENA	SOR	Another category
Question with Distinct MENA Category	1.0% (0.04)	23.1% (1.24)	0.3% (0.15)	77.3% (1.26)	2.5% (0.45)	0.6% (0.19)
Question with NO MENA Category	1.0% (0.04)	87.8% (1.10)	1.2% (0.29)	N/A	9.7% (1.04)	2.6% (0.59)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses.

Table I5. Reporting of MENA Responses by Presence of Distinct MENA Category for Device Type Tablet

		In which category was MENA response provided?				
	Total % Identified as MENA	White	Black	MENA	SOR	Another category
Question with Distinct MENA Category	0.9% (0.10)	16.7% (3.78)	0.5% (0.46)	76.5% (4.31)	6.2% (2.24)	3.6% (2.04)
Question with No MENA Category	0.8% (0.08)	85.2% (4.29)	0.7% (0.61)	N/A	8.5% (2.79)	6.2% (3.66)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I6. Reporting of MENA Responses by Presence of Distinct MENA Category for Device Type Smartphone

		In which category was MENA response provided?				
	Total % Identified as MENA	White	Black	MENA	SOR	Another category
Question with Distinct MENA Category	0.9% (0.11)	12.5% (3.32)	0.2% (0.18)	83.7% (3.53)	4.1% (1.61)	1.2% (0.74)
Question with No MENA Category	1.0% (0.11)	83.3% (3.61)	0.9% (0.61)	N/A	16.3% (3.59)	1.3% (0.66)

Source: 2015 National Content Test data and 2015 National Content Test Paradata. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I7. Race/Ethnicity Group Distribution by Presence of Distinct MENA Category for Internet

Alone or in Combination Groups	Distinct MENA Category Included	No MENA Category
White	76.0%(0.50)	76.6%(0.48)
Hispanic	12.1%(0.25)	12.0%(0.26)
Black	8.3%(0.36)	8.2%(0.35)
Asian	7.7%(0.16)	7.7%(0.16)
AIAN	4.1%(0.06)	4.1%(0.06)
MENA	1.0%(0.03)	1.0%(0.03)
NHPI	0.4%(0.02)	0.3%(0.02)
SOR	4.3%(0.10)	4.2%(0.11)
Invalid	0.4%(0.02)	0.4%(0.02)
Missing	0.8%(0.03)	0.8%(0.03)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I8. Race/Ethnicity Group Distribution by Presence of Distinct MENA Category for TQA

Alone or in Combination Groups	Distinct MENA Category Included	No MENA Category
White	75.8%(0.89)	75.6%(0.80)
Hispanic	11.5%(0.31)	11.1%(0.29)
Black	13.7%(0.77)	13.9%(0.72)
Asian	2.3%(0.15)	2.6%(0.15)
AIAN	5.5%(0.19)	5.5%(0.18)
MENA	0.5%(0.06)	0.6%(0.07)
NHPI	0.2%(0.03)	0.2%(0.03)
SOR	4.6%(0.16)	4.4%(0.16)
Invalid	0.2%(0.04)	0.3%(0.04)
Missing	0.7%(0.12)	0.6%(0.07)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I9. Race/Ethnicity Group Distribution by Presence of Distinct MENA Category for Paper

Alone or in Combination Groups	Distinct MENA Category Included	No MENA Category
White	65.5%(0.73)	64.9%(0.82)
Hispanic	18.1%(0.22)	17.6%(0.36)
Black	15.7%(0.68)	16.2%(0.65)
Asian	4.9%(0.20)	4.9%(0.20)
AIAN	2.7%(0.09)	2.1%(0.08)
MENA	0.8%(0.06)	0.5%(0.05)
NHPI	0.4%(0.03)	0.4%(0.03)
SOR	2.6%(0.08)	3.5%(0.11)
Invalid	0.3%(0.03)	0.4%(0.04)
Missing	1.1%(0.04)	1.1%(0.06)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I10. Reporting of Detailed MENA Groups in Different Category Response Areas by Presence of Distinct MENA Category for Internet

Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
In MENA Definition	23.4% (1.20)	87.1% (1.05)	0.3% (0.14)	1.1% (0.24)	75.7% (1.23)	N/A	3.3% (0.49)	10.2% (0.95)	1.1% (0.31)	2.7% (0.56)
Not in Definition, but in oversample	66.1% (2.88)	79.7% (2.51)	9.2% (1.78)	9.3% (2.05)	13.5% (1.75)	N/A	10.0% (1.54)	8.2% (1.32)	3.7% (0.92)	3.7% (1.09)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I11. Reporting of Detailed MENA Groups in Different Category Response Areas by Presence of Distinct MENA Category for TQA

Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
In MENA Definition	53.4% (6.16)	68.5% (4.95)	0.0% (N/A)	2.6% (1.76)	40.9% (6.29)	N/A	2.6% (1.35)	27.9% (4.80)	5.8% (4.04)	1.9% (1.10)
Not in Definition, but in oversample	74.0% (7.11)	71.3% (9.06)	12.3% (6.82)	8.7% (5.78)	3.3% (1.70)	N/A	8.5% (4.09)	9.5% (3.88)	1.9% (1.43)	10.5% (8.02)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I12. Reporting of Detailed MENA Groups in Different Category Response Areas by Presence of Distinct MENA Category for Paper

Detailed MENA Group	In which category was the detailed MENA response provided?									
	White		Black		MENA		Some Other Race		Another category	
	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category	MENA Category	No MENA Category
In MENA Definition	11.4% (1.48)	82.6% (3.06)	2.0% (1.06)	2.2% (1.34)	86.5% (1.98)	N/A	5.4% (1.54)	11.9% (2.28)	0.2% (0.07)	5.3% (2.23)
Not in Definition, but in oversample	35.5% (4.70)	61.0% (7.52)	22.9% (5.93)	15.4% (5.81)	19.1% (4.58)	N/A	21.1% (4.78)	17.6% (6.10)	8.0% (4.16)	8.5% (4.75)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I13. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category for Internet

	MENA Category	No MENA Category
Identified as MENA Only	39.4% (4.95)	6.2% (3.30)
Identified as MENA *AND* White	25.8% (4.81)	65.4% (5.68)
Identified as MENA *AND* Another Group(s)	8.2% (2.64)	7.3% (2.89)
Did Not Identify as MENA	25.8% (5.61)	20.9% (4.10)
Missing/Invalid	0.8% (0.61)	0.1% (0.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I14. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category for TQA

	MENA Category	No MENA Category
Identified as MENA Only	24.0% (13.60)	13.5% (9.52)
Identified as MENA *AND* White	28.0% (13.60)	41.5% (17.16)
Identified as MENA *AND* Another Group(s)	0.0% (N/A)	8.2% (8.52)
Did Not Identify as MENA	44.0% (17.81)	36.9% (14.65)
Missing/Invalid	3.9% (3.88)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I15. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category for Paper

	MENA Category	No MENA Category
Identified as MENA Only	23.0% (9.41)	5.6% (5.09)
Identified as MENA *AND* White	21.6% (10.12)	39.8% (11.84)
Identified as MENA *AND* Another Group(s)	4.2% (3.99)	9.8% (6.10)
Did Not Identify as MENA	49.4% (12.84)	44.9% (10.24)
Missing/Invalid	1.8% (1.91)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I16. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category for Device Type Other

	MENA Category	No MENA Category
Identified as MENA Only	39.3% (5.12)	6.5% (4.07)
Identified as MENA *AND* White	26.4% (5.27)	65.5% (5.70)
Identified as MENA AND Another Group(s)	7.9% (3.14)	6.8% (3.03)
Did Not Identify as MENA	25.3% (6.13)	21.1% (4.81)
Missing/Invalid	1.0% (0.76)	0.1% (0.11)

Source: 2015 National Content Test data and 2015 National Content Test Paradata.
Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I17. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category for Device Type Tablet

	MENA Category	No MENA Category
Identified as MENA Only	14.9% (12.42)	4.0% (4.14)
Identified as MENA *AND* White	40.3% (33.01)	79.8% (14.69)
Identified as MENA AND Another Group(s)	4.0% (3.88)	1.0% (0.85)
Did Not Identify as MENA	40.8% (28.82)	15.2% (13.34)
Missing/Invalid	0.0% (N/A)	0.0% (N/A)

Source: 2015 National Content Test data and 2015 National Content Test Paradata.
Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I18. Reporting Patterns of the MENA Reinterview Population by Presence of MENA Category for Device Type Smartphone

	MENA Category	No MENA Category
Identified as MENA Only	57.1% (19.96)	7.1% (8.17)
Identified as MENA *AND* White	11.0% (8.19)	44.6% (35.58)
Identified as MENA AND Another Group(s)	13.5% (7.87)	21.8% (25.01)
Did Not Identify as MENA	18.4% (13.24)	26.5% (24.02)
Missing/Invalid	0.0% (N/A)	0.0% (N/A)

Source: 2015 National Content Test data and 2015 National Content Test Paradata.
Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I19. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Presence of Distinct MENA Category for Internet

Question Design with Distinct MENA Category

Self-Response	Reinterview								
	White	**Hispanic**	**Black**	**Asian**	**AIAN**	**MENA**	**NHPI**	**SOR**	**Multiple**
White	**94.8% (0.29)**	0.3% (0.24)	0.0% (N/A)	0.1% (0.13)	0.1% (0.12)	**0.2% (0.16)**	0.0% (N/A)	22.2% (18.35)	14.6% (1.22)
Hispanic	0.0% (0.00)	**66.2% (2.45)**	0.1% (0.07)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)	13.0% (1.04)
Black	0.0% (N/A)	0.1% (0.11)	**97.1% (0.63)**	0.4% (0.22)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	5.9% (4.99)	2.8% (0.50)
Asian	0.0% (0.04)	0.0% (N/A)	0.1% (0.10)	**96.1% (0.69)**	0.0% (N/A)	**0.0% (N/A)**	28.4% (20.15)	19.0% (12.17)	2.4% (0.46)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)	**81.1% (13.59)**	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)	1.4% (0.25)
MENA	**0.0% (0.04)**	**0.0% (N/A)**	**0.0% (0.01)**	**0.0% (N/A)**	**0.0% (N/A)**	**86.7% (8.71)**	**0.0% (N/A)**	**0.0% (N/A)**	**1.6% (0.30)**
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	**58.7% (19.67)**	0.0% (N/A)	0.2% (0.10)
SOR	0.0% (0.02)	0.1% (0.11)	0.0% (0.03)	0.2% (0.18)	11.8% (13.44)	**0.1% (0.06)**	0.0% (N/A)	**0.0% (N/A)**	0.1% (0.07)
Multiple	4.8% (0.28)	32.4% (2.39)	2.3% (0.54)	2.8% (0.63)	6.9% (4.12)	**12.8% (8.75)**	12.9% (8.17)	44.7% (19.88)	**63.3% (1.57)**
Missing	0.2% (0.08)	0.6% (0.52)	0.1% (0.06)	0.2% (0.19)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)	0.2% (0.11)
Invalid	0.1% (0.03)	0.3% (0.24)	0.3% (0.27)	0.0% (N/A)	0.1% (0.08)	**0.2% (0.20)**	0.0% (N/A)	8.1% (6.36)	0.4% (0.13)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Question Design with NO MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**95.2%**	0.5%	0.0%	0.0%	1.1%	**16.5%**	0.0%	0.2%	15.3%
	(0.24)	(0.27)	(N/A)	(0.00)	(1.06)	**(10.37)**	(N/A)	(0.24)	(0.97)
Hispanic	0.1%	**69.8%**	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	15.5%
	(0.05)	**(2.25)**	(0.04)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(1.02)
Black	0.0%	0.0%	**97.1%**	0.0%	1.1%	**0.0%**	0.0%	3.5%	2.3%
	(N/A)	(0.05)	**(0.66)**	(N/A)	(1.12)	**(N/A)**	(N/A)	(3.87)	(0.45)
Asian	0.0%	0.0%	0.0%	**97.8%**	0.0%	**0.5%**	18.5%	21.4%	1.2%
	(0.03)	(N/A)	(N/A)	**(0.56)**	(N/A)	**(0.49)**	(12.12)	(15.66)	(0.24)
AIAN	0.0%	0.0%	0.0%	0.0%	**90.9%**	**0.0%**	0.0%	0.0%	1.2%
	(0.00)	(N/A)	(N/A)	(0.00)	**(4.81)**	**(N/A)**	(N/A)	(N/A)	(0.32)
MENA	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**14.0%**	**0.0%**	**0.0%**	**0.3%**
	(0.01)	**(N/A)**	**(N/A)**	**(N/A)**	**(N/A)**	**(7.14)**	**(N/A)**	**(N/A)**	**(0.22)**
NHPI	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	**31.1%**	0.0%	0.0%
	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	**(N/A)**	**(16.24)**	(N/A)	(0.01)
SOR	0.0%	0.5%	0.1%	0.0%	0.0%	**4.5%**	0.0%	**48.8%**	0.1%
	(0.01)	(0.32)	(0.10)	(N/A)	(N/A)	**(4.83)**	(N/A)	**(23.76)**	(0.07)
Multiple	4.1%	28.9%	1.5%	2.2%	5.9%	**64.4%**	49.4%	25.8%	**63.6%**
	(0.25)	(2.26)	(0.35)	(0.56)	(3.71)	**(15.32)**	(16.65)	(15.00)	**(1.19)**
Missing	0.3%	0.2%	0.9%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.1%
	(0.10)	(0.16)	(0.56)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(0.09)
Invalid	0.2%	0.0%	0.3%	0.0%	1.0%	**0.0%**	1.0%	0.2%	0.5%
	(0.05)	(0.05)	(0.21)	(N/A)	(1.07)	**(N/A)**	(1.04)	(0.23)	(0.27)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I20. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Presence of Distinct MENA Category for TQA

Question Design with Distinct MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.2%**	0.0%	0.0%	0.0%	10.7%	**45.0%**	0.0%	0.0%	15.4%
	(0.74)	(N/A)	(N/A)	(N/A)	(10.56)	**(46.57)**	(N/A)	(N/A)	(2.95)
Hispanic	0.0%	**65.4%**	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	17.1%
	(0.01)	**(7.91)**	(N/A)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(2.94)
Black	0.0%	0.1%	**97.8%**	0.1%	0.0%	**0.0%**	0.0%	0.0%	4.7%
	(0.03)	(0.07)	**(0.94)**	(0.12)	(N/A)	**(N/A)**	(N/A)	(N/A)	(1.12)
Asian	0.0%	0.0%	0.0%	**93.5%**	0.0%	**9.5%**	0.0%	0.0%	0.4%
	(N/A)	(N/A)	(N/A)	**(3.25)**	(N/A)	**(12.56)**	(N/A)	(N/A)	(0.31)
AIAN	0.0%	0.0%	0.0%	0.0%	**82.9%**	**0.0%**	0.0%	0.0%	1.7%
	(N/A)	(N/A)	(N/A)	(N/A)	**(13.86)**	**(N/A)**	(N/A)	(N/A)	(0.82)
MENA	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**33.5%**	**0.0%**	**0.0%**	**0.4%**
	(N/A)	**(N/A)**	**(N/A)**	**(N/A)**	**(N/A)**	**(36.59)**	**(N/A)**	**(N/A)**	**(0.29)**
NHPI	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	**100.0%**	0.0%	0.1%
	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	**(N/A)**	**(0.00)**	(N/A)	(0.11)
SOR	0.0%	0.0%	0.0%	1.9%	0.0%	**0.0%**	0.0%	**100.0%**	0.0%
	(N/A)	(0.01)	(N/A)	(1.88)	(N/A)	**(N/A)**	(N/A)	**(0.00)**	(N/A)
Multiple	5.7%	34.6%	1.8%	4.5%	4.0%	**0.0%**	0.0%	0.0%	**60.2%**
	(0.74)	(7.93)	(0.86)	(2.63)	(3.34)	**(N/A)**	(N/A)	(N/A)	**(2.92)**
Missing	0.0%	0.0%	0.4%	0.0%	2.3%	**12.0%**	0.0%	0.0%	0.0%
	(0.00)	(N/A)	(0.29)	(N/A)	(2.43)	**(15.00)**	(N/A)	(N/A)	(N/A)
Invalid	0.0%	0.0%	0.0%	0.1%	0.0%	**0.0%**	0.0%	0.0%	0.0%
	(0.03)	(N/A)	(N/A)	(0.06)	(N/A)	**(N/A)**	(N/A)	(N/A)	(N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Question Design with NO MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**94.6%**	0.0%	0.0%	0.0%	0.0%	**2.2%**	0.0%	0.0%	18.2%
	(0.78)	(0.03)	(N/A)	(N/A)	(N/A)	**(2.86)**	(N/A)	(N/A)	(3.70)
Hispanic	0.0%	**67.1%**	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	13.0%
	(0.02)	**(5.35)**	(N/A)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(2.24)
Black	0.0%	0.0%	**97.1%**	0.0%	0.0%	**0.0%**	0.0%	31.0%	4.4%
	(0.01)	(N/A)	**(0.93)**	(N/A)	(N/A)	**(N/A)**	(N/A)	(42.33)	(1.45)
Asian	0.0%	0.4%	0.0%	**97.2%**	0.0%	**0.0%**	0.0%	3.1%	0.8%
	(N/A)	(0.36)	(N/A)	**(2.14)**	(N/A)	**(N/A)**	(N/A)	(4.46)	(0.40)
AIAN	0.1%	0.0%	0.0%	0.0%	**84.2%**	**0.0%**	0.0%	0.0%	1.9%
	(0.06)	(N/A)	(N/A)	(N/A)	**(11.95)**	**(N/A)**	(N/A)	(N/A)	(0.91)
MENA	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**60.3%**	0.0%	**0.0%**	**0.0%**
	(N/A)	**(N/A)**	**(N/A)**	**(N/A)**	**(N/A)**	**(43.09)**	(N/A)	**(N/A)**	**(0.03)**
NHPI	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.6%
	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(0.56)
SOR	0.0%	0.6%	0.0%	0.0%	1.2%	**0.0%**	0.0%	**1.0%**	0.0%
	(N/A)	(0.63)	(N/A)	(N/A)	(1.28)	**(N/A)**	(N/A)	**(1.44)**	(N/A)
Multiple	5.1%	31.6%	2.8%	2.8%	6.1%	**37.6%**	0.0%	64.9%	**60.6%**
	(0.74)	(5.20)	(0.92)	(2.14)	(6.67)	**(43.27)**	(N/A)	(43.86)	**(4.41)**
Missing	0.1%	0.3%	0.0%	0.0%	8.6%	**0.0%**	0.0%	0.0%	0.0%
	(0.06)	(0.27)	(N/A)	(N/A)	(9.39)	**(N/A)**	(N/A)	(N/A)	(N/A)
Invalid	0.2%	0.0%	0.2%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.5%
	(0.13)	(N/A)	(0.16)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(0.37)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I21. Self-Response Compared to Reinterview Race/Ethnicity Group Distribution by Presence of Distinct MENA Category for Paper

Question Design with Distinct MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**95.8%**	0.2%	0.0%	0.2%	8.3%	**0.0%**	0.0%	0.0%	23.4%
	(0.69)	(0.20)	(N/A)	(0.19)	(8.67)	**(N/A)**	(N/A)	(N/A)	(2.60)
Hispanic	0.1%	**81.2%**	0.1%	0.0%	0.0%	**0.0%**	0.0%	0.0%	24.3%
	(0.08)	**(2.54)**	(0.09)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(1.98)
Black	0.0%	0.0%	**93.3%**	0.0%	0.0%	**0.0%**	0.0%	17.3%	4.1%
	(0.00)	(N/A)	**(1.37)**	(N/A)	(N/A)	**(N/A)**	(N/A)	(19.77)	(0.77)
Asian	0.0%	0.0%	0.2%	**98.1%**	0.0%	**47.0%**	45.7%	27.5%	1.7%
	(N/A)	(N/A)	(0.11)	**(0.79)**	(N/A)	**(47.66)**	(47.51)	(30.24)	(0.67)
AIAN	0.0%	0.0%	0.0%	0.0%	**65.0%**	**0.0%**	0.0%	0.0%	1.3%
	(0.00)	(N/A)	(N/A)	(N/A)	**(13.27)**	**(N/A)**	(N/A)	(N/A)	(0.37)
MENA	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**35.8%**	**0.0%**	**0.0%**	**1.5%**
	(0.00)	**(N/A)**	**(N/A)**	**(N/A)**	**(N/A)**	**(33.76)**	**(N/A)**	**(N/A)**	**(0.80)**
NHPI	0.0%	0.0%	0.0%	0.0%	0.0%	**0.0%**	**54.3%**	0.0%	0.0%
	(0.00)	(N/A)	(N/A)	(N/A)	(N/A)	**(N/A)**	**(47.51)**	(N/A)	(0.05)
SOR	0.0%	0.3%	0.0%	0.1%	0.0%	**0.0%**	0.0%	**54.8%**	0.1%
	(N/A)	(0.27)	(N/A)	(0.08)	(N/A)	**(N/A)**	(N/A)	**(30.45)**	(0.05)
Multiple	2.5%	15.8%	5.1%	1.6%	26.7%	**7.8%**	0.0%	0.0%	**42.9%**
	(0.47)	(2.30)	(1.22)	(0.78)	(11.74)	**(10.43)**	(N/A)	(N/A)	**(2.79)**
Missing	1.4%	1.5%	1.4%	0.0%	0.0%	**0.0%**	0.0%	0.0%	0.6%
	(0.35)	(0.85)	(0.72)	(N/A)	(N/A)	**(N/A)**	(N/A)	(N/A)	(0.29)
Invalid	0.1%	1.0%	0.0%	0.0%	0.0%	**9.4%**	0.0%	0.4%	0.1%
	(0.05)	(0.65)	(N/A)	(N/A)	(N/A)	**(12.56)**	(N/A)	(0.43)	(0.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Question Design with NO MENA Category

Self-Response	Reinterview								
	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
White	**96.6%** (**0.67**)	1.2% (1.08)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**4.8%** (**5.49**)	0.0% (N/A)	24.9% (13.08)	18.2% (2.38)
Hispanic	0.1% (0.06)	**78.8%** (**2.83**)	0.2% (0.23)	0.0% (N/A)	1.9% (2.14)	**0.0%** (**N/A**)	0.0% (N/A)	0.0% (N/A)	22.9% (3.19)
Black	0.0% (N/A)	0.0% (N/A)	**96.6%** (**0.94**)	0.5% (0.48)	0.0% (N/A)	**0.0%** (**N/A**)	0.0% (N/A)	11.7% (19.20)	7.3% (2.16)
Asian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**94.6%** (**3.74**)	0.0% (N/A)	**0.0%** (**N/A**)	50.5% (56.98)	11.5% (18.79)	0.9% (0.38)
AIAN	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.2% (0.16)	**91.3%** (**6.38**)	**0.0%** (**N/A**)	0.0% (N/A)	0.0% (N/A)	2.7% (1.38)
MENA	**0.2%** (**0.18**)	**0.0%** (**N/A**)	**0.0%** (**N/A**)	**0.0%** (**N/A**)	**0.0%** (**N/A**)	**2.9%** (**2.88**)	**0.0%** (**N/A**)	**0.0%** (**N/A**)	**0.3%** (**0.25**)
NHPI	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.8% (2.79)	0.0% (N/A)	**0.0%** (**N/A**)	**35.9%** (**49.49**)	0.7% (1.10)	0.0% (N/A)
SOR	0.0% (N/A)	1.5% (1.15)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0%** (**N/A**)	0.0% (N/A)	**1.7%** (**2.83**)	0.3% (0.22)
Multiple	2.0% (0.48)	17.1% (2.76)	1.9% (0.64)	2.0% (1.19)	6.8% (5.38)	**92.3%** (**7.38**)	13.6% (20.46)	37.7% (38.41)	**46.6%** (**3.46**)
Missing	0.9% (0.31)	0.7% (0.43)	1.3% (0.58)	0.0% (N/A)	0.0% (N/A)	**0.0%** (**N/A**)	0.0% (N/A)	11.7% (19.20)	0.2% (0.15)
Invalid	0.3% (0.13)	0.6% (0.64)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0%** (**N/A**)	0.0% (N/A)	0.0% (N/A)	0.7% (0.52)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I22. Consistency Between Self-Response and Reinterview for MENA Groups by Presence of Distinct MENA Category for Internet

	MENA alone	White *and* MENA	MENA *and* another group(s)
Question with Distinct MENA Category	86.7% (8.71)	42.9% (7.87)	25.2% (9.32)
Question with NO MENA Category	14.0% (7.14)	79.9% (6.15)	30.7% (13.23)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table I23. Consistency Between Self-Response and Reinterview for MENA Groups by Presence of Distinct MENA Category for TQA

	MENA alone	White *and* MENA	MENA *and* another group(s)
Question with Distinct MENA Category	33.5% (36.59)	63.7% (24.95)	0.0% (N/A)
Question with NO MENA Category	60.3% (43.09)	60.7% (24.35)	34.9% (39.94)

Source: 2015 National Content Test data.

Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I24. Consistency Between Self-Response and Reinterview for MENA Groups by Presence of Distinct MENA Category for Paper

	MENA alone	White *and* MENA	MENA *and* another group(s)
Question with Distinct MENA Category	35.8% (33.76)	31.7% (14.94)	23.1% (29.36)
Question with NO MENA Category	2.9% (2.88)	54.9% (19.40)	12.1% (12.35)

Source: 2015 National Content Test data.

Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I25. Self-Response Compared to Reinterview for Detailed MENA Groups by Presence of Distinct MENA Category for Internet

Question Design with Distinct MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**77.0% (16.03)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.14)
Iranian	0.0% (N/A)	**84.8% (6.19)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.06)
Egyptian	0.0% (N/A)	0.0% (N/A)	**63.8% (14.99)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**95.9% (4.53)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**88.5% (14.51)**	0.0% (N/A)	0.0% (N/A)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.2% (0.18)
Other Detailed MENA	0.0% (N/A)	5.7% (3.94)	0.0% (N/A)	1.4% (1.76)	0.0% (N/A)	0.0% (N/A)	**62.9% (11.61)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Question Design with NO MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**80.3% (12.18)**	0.0% (N/A)	0.0% (N/A)	0.3% (0.39)	0.0% (N/A)	0.0% (N/A)	0.5% (0.40)
Iranian	0.0% (N/A)	**72.9% (10.67)**	0.0% (N/A)	0.0% (N/A)	8.3% (12.49)	0.0% (N/A)	5.0% (5.12
Egyptian	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**58.1% (40.91)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**91.0% (13.08)**	0.0% (N/A)	1.4% (1.43)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**84.4% (84.95)**	0.0% (N/A)
Other Detailed MENA	0.0% (N/A)	0.7% (0.74)	0.0% (N/A)	0.8% (0.98)	0.3% (0.43)	15.6% (84.95)	**55.6% (10.53)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I26. Self-Response Compared to Reinterview for Detailed MENA Groups by Presence of Distinct MENA Category for TQA

Question Design with Distinct MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**100.0% (0.00)**	0.0% (N/A)	0.0% (N/A)	96.6% (95.73)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Iranian	0.0% (N/A)	**98.3% (2.72)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (1.01)
Egyptian	0.0% (N/A)	0.0% (N/A)	**47.6% (70.08)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**3.4% (95.73)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)
Other Detailed MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**22.8% (26.10)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Question Design with NO MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**43.4% (56.64)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Iranian	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Egyptian	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	45.9% (57.58)	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)
Other Detailed MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	100.0% (0.00)	0.0% (N/A)	**23.2% (18.24)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table I27. Self-Response Compared to Reinterview for Detailed MENA Groups by Presence of Distinct MENA Category for Paper

Question Design with Distinct MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**96.4% (6.09)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Iranian	0.0% (N/A)	**97.9% (2.62)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.6% (2.82)
Egyptian	0.0% (N/A)	0.0% (N/A)	**66.3% (42.33)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	1.9% (3.48)	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)	0.5% (0.40)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**100.0% (0.00)**	0.0% (N/A)
Other Detailed MENA	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**11.2% (5.82)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Question Design with NO MENA Category

Self-Response	Reinterview						
	Lebanese	Iranian	Egyptian	Syrian	Moroccan	Algerian	Other Detailed MENA
Lebanese	**76.3% (47.05)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Iranian	0.0% (N/A)	**88.0% (11.93)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Egyptian	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Syrian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**71.7% (11.30)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
Moroccan	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**14.7% (15.89)**	0.0% (N/A)	0.0% (N/A)
Algerian	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	0.0% (N/A)
Other Detailed MENA	3.8% (8.19)	0.7% (0.81)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**51.8% (20.53)**

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Appendix J. Additional Instructions and Terminology Tables

Table J1. Race/Ethnicity Distribution by Instructions and Terminology for All Modes

Alone or In Combination Groups	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	71.7% (0.71)	74.3% (0.71)	75.9% (0.55)	73.2% (0.75)	76.4% (0.55)	73.3% (0.62)
Hispanic	14.1% (0.33)	13.0% (0.31)	11.8% (0.28)	13.8% (0.27)	11.9% (0.26)	14.0% (0.29)
Black	11.7% (0.56)	10.0% (0.51)	8.8% (0.42)	11.0% (0.57)	8.8% (0.44)	10.7% (0.54)
Asian	6.3% (0.21)	6.7% (0.20)	7.1% (0.19)	6.6% (0.20)	7.0% (0.19)	6.6% (0.21)
AIAN	3.3% (0.07)	4.3% (0.10)	4.2% (0.10)	4.0% (0.08)	3.9% (0.09)	3.9% (0.09)
MENA	0.8% (0.04)	0.9% (0.05)	0.9% (0.05)	0.9% (0.05)	1.0% (0.05)	1.0% (0.05)
NHPI	0.4% (0.02)	0.4% (0.03)	0.3% (0.03)	0.4% (0.03)	0.3% (0.03)	0.4% (0.02)
SOR	3.9% (0.09)	3.7% (0.09)	4.2% (0.13)	4.6% (0.10)	4.5% (0.13)	3.3% (0.08)
Invalid	0.4% (0.02)	0.4% (0.03)	0.4% (0.03)	0.4% (0.02)	0.4% (0.03)	0.4% (0.03)
Missing	0.9% (0.04)	0.9% (0.06)	0.8% (0.06)	1.0% (0.04)	0.7% (0.05)	0.8% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J2. Race/Ethnicity Distribution by Instructions and Terminology for TQA

Alone or In Combination Groups	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	75.7% (0.97)	75.2% (1.11)	74.9% (0.96)	77.1% (0.97)	75.3% (0.96)	75.8% (0.96)
Hispanic	11.8% (0.45)	10.9% (0.48)	11.4% (0.51)	10.4% (0.43)	11.7% (0.48)	11.6% (0.47)
Black	14.0% (0.90)	14.4% (0.84)	14.1% (0.81)	13.2% (0.81)	13.8% (0.86)	13.4% (0.82)
Asian	2.3% (0.20)	2.6% (0.23)	2.5% (0.23)	2.3% (0.21)	2.6% (0.27)	2.4% (0.21)
AIAN	5.2% (0.29)	5.3% (0.28)	5.4% (0.30)	5.7% (0.30)	5.7% (0.32)	5.6% (0.30)
MENA	0.5% (0.10)	0.5% (0.07)	0.6% (0.12)	0.5% (0.09)	0.6% (0.12)	0.5% (0.11)
NHPI	0.3% (0.06)	0.3% (0.06)	0.2% (0.04)	0.2% (0.05)	0.2% (0.06)	0.3% (0.06)
SOR	4.3% (0.29)	4.9% (0.32)	4.0% (0.25)	4.5% (0.29)	4.5% (0.29)	4.6% (0.28)
Invalid	0.3% (0.07)	0.3% (0.06)	0.3% (0.08)	0.3% (0.10)	0.2% (0.05)	0.2% (0.06)
Missing	0.5% (0.10)	1.0% (0.33)	0.7% (0.14)	0.5% (0.10)	0.5% (0.11)	0.7% (0.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J3. Race/Ethnicity Distribution by Instructions and Terminology for Paper

Alone or In Combination Groups	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	64.9% (0.82)	64.2% (0.90)	N/A	66.1% (0.88)	N/A	65.6% (0.65)
Hispanic	17.6% (0.36)	17.2% (0.48)	N/A	17.5% (0.31)	N/A	19.3% (0.31)
Black	16.2% (0.65)	15.8% (0.73)	N/A	16.0% (0.72)	N/A	15.3% (0.73)
Asian	4.9% (0.20)	4.6% (0.27)	N/A	5.0% (0.24)	N/A	4.9% (0.24)
AIAN	2.1% (0.08)	2.5% (0.16)	N/A	2.8% (0.12)	N/A	2.8% (0.13)
MENA	0.5% (0.05)	0.8% (0.11)	N/A	0.7% (0.08)	N/A	0.8% (0.08)
NHPI	0.4% (0.03)	0.4% (0.07)	N/A	0.4% (0.06)	N/A	0.4% (0.04)
SOR	3.5% (0.11)	0.9% (0.09)	N/A	5.0% (0.16)	N/A	0.8% (0.07)
Invalid	0.4% (0.04)	0.4% (0.07)	N/A	0.3% (0.03)	N/A	0.4% (0.04)
Missing	1.1% (0.06)	0.9% (0.09)	N/A	1.4% (0.07)	N/A	0.9% (0.07)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J4. Detailed Reporting for Major Race/Ethnicity Groups by Instructions and Terminology for All Modes

(Percentage providing detailed responses)

Detailed Reporting	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	72.3% (0.63)	79.7% (0.49)	84.3% (0.36)	74.7% (0.53)	84.0% (0.29)	77.0% (0.42)
Hispanic	87.2% (0.30)	89.6% (0.36)	93.7% (0.33)	90.9% (0.30)	93.3% (0.33)	91.0% (0.30)
Black	66.8% (0.70)	76.0% (0.82)	85.2% (0.58)	72.5% (0.66)	83.3% (0.64)	80.0% (0.50)
Asian	95.7% (0.32)	96.9% (0.26)	97.9% (0.27)	96.8% (0.26)	97.8% (0.25)	97.3% (0.23)
AIAN	68.4% (1.02)	70.1% (0.98)	66.5% (1.09)	67.6% (0.98)	69.1% (1.02)	67.9% (0.94)
MENA	93.6% (1.10)	92.0% (1.03)	92.8% (1.49)	91.9% (1.06)	91.6% (1.29)	88.4% (1.40)
NHPI	84.6% (1.87)	80.7% (2.59)	83.7% (2.44)	86.6% (1.92)	86.9% (2.23)	81.2% (2.51)
SOR	72.9% (0.80)	74.2% (1.14)	72.7% (1.16)	70.9% (0.93)	73.8% (1.01)	73.8% (1.03)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J5. Detailed Reporting for Major Race/Ethnicity Groups by Instructions and Terminology for TQA

(Percentage providing detailed responses)

Detailed Reporting	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	80.5% (0.73)	80.6% (0.64)	80.0% (0.74)	80.9% (0.74)	79.8% (0.68)	80.5% (0.71)
Hispanic	92.3% (0.83)	91.5% (0.95)	91.5% (0.99)	91.6% (0.96)	92.0% (1.00)	93.9% (0.85)
Black	85.4% (1.13)	84.3% (1.18)	85.4% (1.33)	85.9% (1.27)	84.0% (1.37)	85.2% (1.34)
Asian	96.1% (1.60)	97.8% (1.00)	94.2% (2.38)	96.2% (1.47)	94.0% (1.98)	97.5% (0.94)
AIAN	53.2% (2.77)	59.2% (2.54)	55.6% (2.68)	58.2% (2.46)	56.5% (2.75)	59.1% (2.72)
MENA	91.2% (3.62)	93.0% (3.00)	94.0% (2.64)	89.0% (4.78)	85.6% (6.13)	89.1% (5.16)
NHPI	86.5% (6.11)	79.5% (8.84)	71.2% (8.90)	63.4% (10.08)	69.9% (11.60)	84.8% (6.79)
SOR	85.5% (1.91)	86.7% (2.01)	80.7% (2.60)	85.2% (1.89)	82.9% (2.17)	82.5% (2.01)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J6. Detailed Reporting for Major Race/Ethnicity Groups by Instructions and Terminology for Paper

(Percentage providing detailed responses)

Detailed Reporting	Race/Origin Terms		Race/Ethnicity Terms		No Terms ("Categories")	
	Old Instructions	New Instructions	Old Instructions	New Instructions	Old Instructions	New Instructions
White	47.6% (0.48)	50.0% (0.76)	N/A	49.8% (0.53)	N/A	56.0% (0.62)
Hispanic	80.6% (0.49)	75.9% (1.04)	N/A	86.5% (0.63)	N/A	87.0% (0.61)
Black	51.6% (0.74)	54.8% (1.38)	N/A	56.0% (0.88)	N/A	73.2% (0.92)
Asian	89.5% (0.86)	87.6% (1.39)	N/A	92.7% (0.85)	N/A	93.4% (0.82)
AIAN	67.7% (1.82)	71.1% (2.88)	N/A	66.8% (2.06)	N/A	59.4% (2.20)
MENA	97.9% (1.40)	82.2% (4.44)	N/A	83.0% (3.39)	N/A	87.5% (3.06)
NHPI	77.3% (3.81)	72.4% (7.03)	N/A	88.0% (3.28)	N/A	78.9% (4.53)
SOR	71.7% (1.38)	86.0% (3.23)	N/A	68.6% (1.70)	N/A	84.0% (3.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J7. Reporting of Two or More Race/Ethnicity Groups by Instruction Type for All Modes

	Old Instructions	New Instructions
Two or More Race/Ethnicity Groups	11.8% (0.07)	12.3% (0.08)

Source: 2015 National Content Test data.
Note: Estimates are weighted with standard errors in parentheses.

Table J8. Reporting of Two or More Race/Ethnicity Groups by Instruction Type for TQA

	Old Instructions	New Instructions
Two or More Race/Ethnicity Groups	12.3% (0.25)	12.5% (0.24)

Source: 2015 National Content Test data.
Note: Estimates are weighted with standard errors in parentheses.

Table J9. Reporting of Two or More Race/Ethnicity Groups by Instruction Type for Paper

	Old Instructions	New Instructions
Two or More Race/Ethnicity Groups	9.3% (0.16)	10.3% (0.18)

Source: 2015 National Content Test data.
Note: Estimates are weighted with standard errors in parentheses.

Table J10. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Instructions for All Modes

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
OLD: "*Mark [X] one or more boxes*"	95.2% (0.26)	71.4% (1.52)	97.3% (0.47)	97.2% (0.75)	86.4% (7.06)	47.7% (11.19)	47.7% (13.97)	22.4% (15.16)	57.6% (1.34)
NEW: "*Mark all boxes that apply*"	95.0% (0.27)	72.7% (1.84)	95.5% (0.55)	96.4% (0.58)	78.8% (6.74)	55.1% (13.85)	47.1% (15.27)	20.3% (9.83)	60.2% (1.19)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J11. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Instructions for TQA

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
OLD: "*Mark [X] one or more boxes*"	94.2% (0.86)	69.0% (5.21)	98.3% (0.88)	98.2% (1.76)	86.5% (11.75)	47.7% (26.80)	100.0% (0.00)	0.0% (N/A)	59.9% (3.80)
NEW: "*Mark all boxes that apply*"	94.6% (0.68)	63.3% (7.47)	96.5% (0.98)	92.8% (3.65)	79.5% (12.13)	18.9% (39.80)	100.0% (0.00)	35.6% (41.53)	60.8% (3.24)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J12. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Instructions for Paper

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
OLD: "*Mark [X] one or more boxes*"	96.6% (0.67)	78.8% (2.83)	96.6% (0.94)	94.6% (3.74)	91.3% (6.38)	2.9% (2.88)	35.9% (49.49)	1.7% (2.83)	46.6% (3.46)
NEW: "*Mark all boxes that apply*"	95.8% (0.69)	81.2% (2.54)	93.3% (1.37)	98.1% (0.79)	65.0% (13.27)	35.8% (33.76)	54.3% (47.51)	54.8% (30.45)	42.9% (2.79)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J13. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Terminology for All Modes

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
Race/Origin	95.4% (0.33)	73.7% (1.77)	96.9% (0.51)	97.0% (0.93)	90.7% (3.93)	51.9% (12.69)	60.3% (14.15)	15.8% (16.63)	57.1% (1.69)
Race/Ethnicity	94.8% (0.36)	68.4% (2.42)	96.7% (0.70)	95.8% (0.83)	85.0% (6.99)	56.9% (19.74)	63.0% (16.96)	35.5% (17.46)	60.3% (1.73)
No terms at all ("categories")	95.2% (0.27)	73.9% (2.02)	95.3% (0.98)	97.8% (0.46)	71.1% (11.73)	45.5% (16.27)	15.0% (10.38)	5.2% (5.70)	59.9% (1.47)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J14. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Terminology for TQA

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
Race/Origin	94.7% (1.24)	71.3% (5.97)	96.5% (1.21)	97.2% (2.79)	85.4% (13.69)	4.7% (60.21)	100.0% (0.00)	0.0% (N/A)	50.2% (5.39)
Race/Ethnicity	94.3% (0.92)	61.3% (11.31)	97.9% (1.05)	92.1% (4.17)	86.0% (12.54)	54.3% (30.01)	0.0% (N/A)	0.0% (N/A)	62.5% (4.65)
No terms at all ("categories")	94.2% (0.70)	66.8% (6.21)	98.0% (1.31)	96.5% (3.27)	81.1% (18.19)	63.0% (59.58)	0.0% (N/A)	26.3% (34.26)	67.4% (4.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J15. Consistency Between Self-Response and Reinterview for Major Race/Ethnicity Groups by Terminology for Paper

	White	Hispanic	Black	Asian	AIAN	MENA	NHPI	SOR	Multiple
Race/Origin	96.9% (0.53)	83.2% (2.09)	97.0% (0.82)	95.3% (3.07)	86.8% (7.63)	12.0% (11.20)	65.3% (31.66)	1.7% (2.80)	44.7% (2.81)
Race/Ethnicity	94.8% (1.08)	61.2% (4.57)	95.5% (1.77)	100.0% (0.00)	80.0% (21.63)	25.8% (47.78)	100.0% (0.00)	76.0% (28.68)	47.1% (4.27)
No terms at all ("categories")	96.0% (0.82)	96.3% (1.56)	87.7% (3.35)	95.8% (1.88)	42.8% (14.08)	58.3% (44.60)	23.9% (76.81)	0.0% (N/A)	40.3% (4.15)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J16. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Instructions for All Modes

	White *and* **Black**	**White** *and* **Hispanic**	**White** *and* **Asian**	**White** *and* **AIAN**	**Hispanic** *and* **Black**	**Black** *and* **AIAN**	**Hispanic** *and* **AIAN**	**White** *and* **MENA**	**White, Black** *and* **AIAN**	**White, Hispanic** *and* **AIAN**
OLD: "*Mark [X] one or more boxes*"	63.3% (7.69)	28.0% (1.88)	73.8% (5.28)	43.7% (2.80)	38.5% (8.16)	16.4% (5.89)	34.4% (12.74)	60.1% (7.14)	47.2% (14.94)	27.5% (7.86)
NEW: "*Mark all boxes that apply*"	69.5% (5.32)	34.6% (1.76)	73.1% (5.65)	49.2% (2.74)	42.6% (7.96)	26.2% (5.06)	26.8% (8.62)	52.0% (7.84)	63.1% (11.01)	27.8% (8.12)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses.

Table J17. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Instructions for TQA

	White *and* **Black**	**White** *and* **Hispanic**	**White** *and* **Asian**	**White** *and* **AIAN**	**Hispanic** *and* **Black**	**Black** *and* **AIAN**	**Hispanic** *and* **AIAN**	**White** *and* **MENA**	**White, Black** *and* **AIAN**	**White, Hispanic** *and* **AIAN**
OLD: "*Mark [X] one or more boxes*"	64.7% (38.01)	26.6% (5.85)	69.8% (19.21)	52.7% (7.23)	38.7% (40.45)	15.1% (10.74)	9.9% (17.09)	16.2% (16.74)	97.1% (42.64)	10.7% (19.87)
NEW: "*Mark all boxes that apply*"	83.6% (13.66)	34.0% (4.88)	7.9% (11.58)	56.7% (5.09)	23.5% (26.41)	20.0% (10.32)	27.5% (43.84)	91.7% (7.80)	30.7% (20.48)	7.9% (6.71)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J18. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Instructions for Paper

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White, Black *and* AIAN	White, Hispanic *and* AIAN
OLD: "*Mark [X] one or more boxes*"	48.1% (23.72)	29.7% (4.02)	80.6% (10.03)	19.2% (5.00)	39.7% (24.02)	17.6% (10.22)	8.6% (6.98)	54.9% (19.40)	8.8% (20.19)	31.2% (24.99)
NEW: "*Mark all boxes that apply*"	55.4% (12.77)	32.5% (4.13)	56.3% (12.49)	31.4% (4.78)	37.0% (15.54)	9.9% (5.18)	4.7% (3.01)	31.7% (14.94)	48.0% (24.48)	34.2% (19.62)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J19. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Terminology for All Modes

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White, Black *and* AIAN	White, Hispanic *and* AIAN
Race/Origin	62.3% (6.96)	31.0% (2.10)	71.9% (5.66)	42.2% (3.28)	46.5% (8.23)	23.4% (7.62)	25.6% (9.09)	62.3% (7.05)	67.9% (13.15)	19.2% (6.70)
Race/Ethnicity	68.5% (7.66)	31.4% (2.40)	71.7% (7.35)	46.8% (2.71)	36.7% (9.23)	20.6% (9.48)	36.6% (11.10)	48.3% (10.66)	43.2% (13.24)	28.2% (8.44)
No Terms at all ("Categories")	71.0% (6.52)	32.5% (2.54)	78.3% (6.49)	50.6% (3.10)	37.3% (10.80)	21.6% (6.97)	26.3% (11.15)	56.1% (8.51)	55.7% (15.60)	37.5% (10.18)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J20. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Terminology for TQA

	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Black *and* AIAN	Hispanic *and* AIAN	White *and* MENA	White, Black *and* AIAN	White, Hispanic *and* AIAN
Race/Origin	53.9% (46.23)	30.0% (5.29)	83.1% (81.20)	41.5% (9.16)	0.0% (N/A)	13.8% (14.20)	1.3% (7.75)	46.7% (30.76)	12.9% (30.79)	20.9% (17.57)
Race/Ethnicity	93.3% (10.19)	30.9% (7.01)	61.0% (27.06)	57.3% (8.61)	7.5% (15.95)	10.4% (9.70)	28.9% (16.39)	73.4% (30.27)	12.4% (87.60)	2.9% (10.01)
No Terms at all ("Categories")	79.7% (36.73)	30.2% (5.98)	9.8% (22.69)	64.2% (6.31)	77.8% (57.13)	26.9% (13.09)	27.6% (63.46)	66.2% (28.76)	62.1% (27.74)	0.0% (N/A)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J21. Consistency Between Self-Response and Reinterview for Selected Multiple-Response Groups by Terminology for Paper

	White *and* **Black**	**White** *and* **Hispanic**	**White** *and* **Asian**	**White** *and* **AIAN**	**Hispanic** *and* **Black**	**Black** *and* **AIAN**	**Hispanic** *and* **AIAN**	**White** *and* **MENA**	**White, Black** *and* **AIAN**	**White, Hispanic** *and* **AIAN**
Race/Origin	46.9% (22.02)	32.0% (3.42)	76.7% (10.18)	17.1% (4.12)	55.8% (16.08)	17.8% (10.70)	8.0% (6.21)	61.6% (15.56)	32.1% (36.30)	49.0% (28.81)
Race/Ethnicity	55.5% (21.49)	29.8% (5.52)	40.8% (19.41)	32.7% (6.68)	10.8% (11.62)	6.0% (6.22)	5.8% (5.50)	28.7% (20.38)	14.9% (16.12)	18.1% (20.14)
No Terms at all ("Categories")	59.1% (24.03)	31.9% (7.21)	73.4% (14.96)	40.9% (8.60)	14.6% (11.11)	10.0% (11.35)	4.4% (4.29)	20.1% (21.43)	19.5% (82.00)	23.2% (29.07)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J22. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Instructions for All Modes

OLD: *"Mark [X] one or more boxes"*

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**63.3% (7.69)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.0% (1.33)	0.1% (0.02)
White *and* Hispanic	0.0% (N/A)	**28.0% (1.88)**	0.0% (N/A)	0.0% (0.03)	0.0% (N/A)	2.1% (0.64)	0.5% (0.07)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**73.8% (5.28)**	0.0% (N/A)	0.0% (N/A)	2.0% (0.69)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	0.0% (0.04)	0.0% (N/A)	**43.7% (2.80)**	0.0% (N/A)	2.2% (0.77)	1.9% (0.15)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**38.5% (8.16)**	0.6% (0.43)	0.0% (0.02)
Hispanic *and* SOR	0.0% (N/A)	5.6% (1.05)	0.0% (N/A)	0.0% (N/A)	0.8% (0.60)	1.5% (0.68)	1.1% (0.11)
White *and* Hispanic *and* SOR	0.0% (N/A)	13.7% (1.44)	0.0% (N/A)	0.0% (N/A)	1.4% (1.40)	0.9% (0.49)	0.4% (0.06)
Other combinations	8.7% (4.88)	5.1% (1.12)	6.8% (2.91)	5.6% (1.44)	33.9% (9.37)	**51.6% (3.13)**	1.3% (0.11)
Single response	28.0% (7.63)	47.4% (2.44)	19.0% (4.81)	49.6% (2.70)	25.4% (6.28)	35.3% (2.78)	**94.0% (0.26)**
Missing	0.0% (N/A)	0.1% (0.07)	0.3% (0.34)	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.4% (0.06)
Invalid	0.0% (N/A)	0.1% (0.06)	0.0% (0.02)	1.0% (0.67)	0.0% (N/A)	0.8% (0.47)	0.2% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

NEW: "*Mark all boxes that apply*"

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**69.5% (5.32)**	0.0% (N/A)	0.0% (N/A)	0.1% (0.09)	0.0% (N/A)	1.9% (0.80)	0.2% (0.04)
White *and* Hispanic	0.0% (N/A)	**34.6% (1.76)**	0.0% (0.01)	0.3% (0.21)	0.1% (0.10)	3.3% (0.92)	0.7% (0.07)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**73.1% (5.65)**	0.0% (0.03)	0.0% (N/A)	3.4% (0.94)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	0.6% (0.55)	0.0% (N/A)	**49.2% (2.74)**	0.0% (N/A)	1.0% (0.33)	1.8% (0.15)
Hispanic *and* Black	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	**42.6% (7.96)**	0.7% (0.44)	0.1% (0.02)
Hispanic *and* SOR	0.0% (0.03)	3.6% (0.62)	0.0% (N/A)	0.0% (N/A)	0.8% (0.79)	1.3% (0.63)	1.0% (0.10)
White *and* Hispanic *and* SOR	0.0% (N/A)	14.9% (1.64)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.9% (0.31)	0.5% (0.06)
Other combinations	10.5% (4.21)	3.2% (0.57)	5.4% (2.66)	3.9% (0.92)	19.9% (7.62)	**49.2% (2.51)**	1.4% (0.12)
Single response	18.1% (4.75)	42.7% (1.87)	21.1% (4.12)	45.9% (2.65)	36.1% (7.51)	37.5% (2.57)	**93.5% (0.22)**
Missing	1.8% (1.33)	0.1% (0.06)	0.0% (N/A)	0.0% (N/A)	0.5% (0.46)	0.5% (0.29)	0.5% (0.08)
Invalid	0.0% (N/A)	0.3% (0.15)	0.4% (0.45)	0.6% (0.49)	0.0% (N/A)	0.3% (0.18)	0.2% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J23. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Instructions for Internet

OLD: *"Mark [X] one or more boxes"*

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**69.5% (7.99)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.8% (1.36)	0.1% (0.02)
White *and* Hispanic	0.0% (N/A)	**27.6% (2.51)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.2% (0.77)	0.5% (0.08)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**73.1% (6.27)**	0.0% (N/A)	0.0% (N/A)	2.3% (0.89)	0.1% (0.04)
White *and* AIAN	0.0% (N/A)	0.1% (0.05)	0.0% (N/A)	**46.8% (3.26)**	0.0% (N/A)	2.8% (1.03)	2.2% (0.20)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**38.1% (9.19)**	0.3% (0.20)	0.0% (0.01)
Hispanic *and* SOR	0.0% (N/A)	6.4% (1.58)	0.0% (N/A)	0.0% (N/A)	1.1% (0.85)	1.6% (0.79)	1.2% (0.14)
White *and* Hispanic *and* SOR	0.0% (N/A)	15.4% (1.77)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.6% (0.33)	0.3% (0.07)
Other combinations	5.5% (1.94)	6.7% (1.62)	6.3% (3.45)	3.4% (1.02)	37.9% (11.49)	**54.2% (3.36)**	1.3% (0.13)
Single response	24.9% (6.95)	43.7% (3.13)	20.1% (5.85)	48.7% (3.24)	22.9% (6.78)	32.9% (2.70)	**93.9% (0.31)**
Missing	0.0% (N/A)	0.0% (0.00)	0.4% (0.45)	0.0% (0.00)	0.0% (N/A)	0.0% (N/A)	0.3% (0.07)
Invalid	0.0% (N/A)	0.2% (0.10)	0.0% (0.02)	1.1% (0.93)	0.0% (N/A)	0.3% (0.26)	0.2% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

NEW: "*Mark all boxes that apply*"

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**70.7% (6.77)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.9% (0.93)	0.1% (0.04)
White *and* Hispanic	0.0% (N/A)	**35.6% (2.44)**	0.0% (N/A)	0.1% (0.14)	0.0% (N/A)	4.4% (1.37)	0.5% (0.07)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**77.3% (5.05)**	0.0% (N/A)	0.0% (N/A)	4.1% (1.24)	0.1% (0.05)
White *and* AIAN	0.0% (N/A)	0.9% (0.86)	0.0% (N/A)	**54.1% (3.43)**	0.0% (N/A)	0.6% (0.29)	2.2% (0.20)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**45.1% (9.59)**	1.0% (0.66)	0.0% (0.02)
Hispanic *and* SOR	0.0% (N/A)	3.9% (0.86)	0.0% (N/A)	0.0% (N/A)	1.1% (1.11)	1.5% (0.93)	1.1% (0.11)
White *and* Hispanic *and* SOR	0.0% (N/A)	16.8% (2.18)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.0% (0.44)	0.4% (0.06)
Other combinations	10.8% (4.59)	4.4% (0.90)	6.0% (3.32)	3.8% (1.24)	25.8% (10.40)	**56.7% (3.25)**	1.5% (0.11)
Single response	16.9% (6.01)	38.1% (2.66)	16.1% (3.61)	41.0% (2.93)	28.0% (8.59)	28.0% (2.78)	**93.5% (0.27)**
Missing	1.6% (1.59)	0.0% (0.04)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.3% (0.35)	0.2% (0.09)
Invalid	0.0% (N/A)	0.3% (0.22)	0.5% (0.55)	1.0% (0.75)	0.0% (N/A)	0.4% (0.27)	0.2% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J24. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Instructions for TQA

OLD: *"Mark [X] one or more boxes"*

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**64.7% (38.01)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.03)
White *and* Hispanic	0.0% (N/A)	**26.6% (5.85)**	0.0% (N/A)	0.2% (0.23)	0.0% (N/A)	1.2% (0.92)	0.9% (0.25)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**69.8% (19.21)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.03)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**52.7% (7.23)**	0.0% (N/A)	1.6% (1.14)	2.6% (0.60)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**38.7% (40.45)**	1.0% (1.04)	0.1% (0.11)
Hispanic *and* SOR	0.0% (N/A)	4.0% (1.69)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.7% (1.20)	0.8% (0.20)
White *and* Hispanic *and* SOR	0.0% (N/A)	18.5% (4.62)	0.0% (N/A)	0.0% (N/A)	21.9% (26.42)	06.5% (6.56)	0.6% (0.16)
Other combinations	0.0% (N/A)	3.5% (2.30)	14.9% (17.24)	16.5% (6.02)	1.0% (1.25)	**31.2% (7.47)**	1.5% (0.33)
Single response	35.3% (38.01)	47.4% (6.96)	15.3% (10.40)	30.2% (7.23)	38.4% (32.90)	54.8% (7.44)	**93.3% (0.82)**
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.03)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.3% (0.32)	0.0% (N/A)	2.1% (2.08)	0.1% (0.10)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

NEW: "*Mark all boxes that apply*"

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**83.6% (13.66)**	0.0% (N/A)	0.0% (N/A)	0.7% (0.71)	0.0% (N/A)	5.2% (3.74)	0.1% (0.07)
White *and* Hispanic	0.0% (N/A)	**34.0% (4.88)**	0.0% (N/A)	0.0% (N/A)	7.5% (10.19)	0.4% (0.35)	0.4% (0.12)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**7.9% (11.58)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.02)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**56.7% (5.09)**	0.0% (N/A)	3.6% (2.11)	2.9% (0.48)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**23.5% (26.41)**	0.0% (N/A)	0.0% (N/A)
Hispanic *and* SOR	0.0% (N/A)	3.8% (1.67)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.9% (1.50)	0.8% (0.24)
White *and* Hispanic *and* SOR	0.0% (N/A)	19.2% (4.08)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.5% (1.08)	1.1% (0.46)
Other combinations	0.0% (N/A)	2.6% (1.26)	0.0% (N/A)	8.0% (4.21)	0.0% (N/A)	**39.0% (8.05)**	1.6% (0.28)
Single response	16.4% (13.66)	40.4% (4.70)	92.1% (11.58)	34.6% (5.09)	68.9% (31.79)	48.3% (8.07)	**92.9% (0.75)**
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.06)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J25. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Instructions for Paper

OLD: *"Mark [X] one or more boxes"*

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**48.1% (23.72)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	4.7% (4.75)	0.1% (0.05)
White *and* Hispanic	0.0% (N/A)	**29.7% (4.02)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.3% (1.36)	0.7% (0.19)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**80.6% (10.03)**	0.0% (N/A)	0.0% (N/A)	1.3% (1.18)	0.2% (0.10)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**19.2% (5.00)**	0.0% (N/A)	0.3% (0.29)	0.5% (0.24)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**39.7% (24.02)**	1.6% (1.61)	0.1% (0.07)
Hispanic *and* SOR	0.0% (N/A)	3.7% (1.57)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.9% (0.94)	0.8% (0.25)
White *and* Hispanic *and* SOR	0.0% (N/A)	6.5% (2.20)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.06)	0.5% (0.15)
Other combinations	17.7% (19.35)	0.9% (0.61)	4.0% (4.24)	5.1% (3.74)	30.8% (32.63)	**49.0% (6.96)**	1.2% (0.24)
Single response	34.2% (25.61)	58.8% (4.37)	15.4% (8.72)	74.5% (5.62)	29.4% (24.31)	37.6% (6.76)	**94.9% (0.59)**
Missing	0.0% (N/A)	0.4% (0.33)	0.0% (N/A)	0.0% (0.03)	0.0% (N/A)	0.0% (N/A)	0.9% (0.22)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.1% (1.10)	0.0% (N/A)	2.2% (2.23)	0.2% (0.11)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

NEW: "*Mark all boxes that apply*"

Self-Response	Reinterview						
	White *and* **Black**	**White** *and* **Hispanic**	**White** *and* **Asian**	**White** *and* **AIAN**	**Hispanic** *and* **Black**	**Other combinations**	**Single response**
White *and* Black	**55.4% (12.77)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (0.76)	0.6% (0.16)
White *and* Hispanic	0.0% (N/A)	**32.5% (4.13)**	0.1% (0.09)	0.9% (0.82)	0.0% (N/A)	1.5% (0.94)	1.4% (0.23)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**56.3% (12.49)**	0.1% (0.15)	0.0% (N/A)	2.7% (1.78)	0.1% (0.06)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**31.4% (4.78)**	0.0% (N/A)	1.3% (0.92)	0.3% (0.07)
Hispanic *and* Black	0.0% (N/A)	0.0% (0.02)	0.0% (N/A)	0.0% (N/A)	**37.0% (15.54)**	0.0% (N/A)	0.2% (0.06)
Hispanic *and* SOR	0.2% (0.19)	3.0% (0.95)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.19)	1.0% (0.21)
White *and* Hispanic *and* SOR	0.0% (N/A)	8.8% (3.01)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.3% (0.20)	0.2% (0.07)
Other combinations	16.4% (12.55)	0.5% (0.31)	3.0% (2.24)	1.9% (1.03)	5.3% (3.17)	**31.8% (4.96)**	1.0% (0.23)
Single response	24.0% (10.98)	54.6% (4.09)	40.6% (12.35)	65.7% (4.80)	56.1% (15.76)	60.3% (5.13)	**93.7% (0.54)**
Missing	4.0% (4.16)	0.3% (0.19)	0.0% (N/A)	0.0% (N/A)	1.7% (1.77)	1.0% (0.79)	1.3% (0.27)
Invalid	0.0% (N/A)	0.2% (0.19)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.05)	0.2% (0.09)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J26. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Terminology for All Modes

"Race/Origin"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**62.3% (6.96)**	0.0% (N/A)	0.0% (N/A)	0.1% (0.13)	0.0% (N/A)	3.0% (1.53)	0.1% (0.03)
White *and* Hispanic	0.0% (N/A)	**31.0% (2.10)**	0.0% (N/A)	0.1% (0.05)	0.0% (N/A)	2.2% (0.72)	0.6% (0.07)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**71.9% (5.66)**	0.0% (N/A)	0.0% (N/A)	1.5% (0.62)	0.2% (0.05)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**42.2% (3.28)**	0.0% (N/A)	1.3% (0.73)	1.8% (0.18)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**46.5% (8.23)**	1.1% (0.72)	0.0% (0.03)
Hispanic *and* SOR	0.0% (N/A)	4.3% (1.20)	0.0% (N/A)	0.0% (N/A)	0.6% (0.66)	0.7% (0.30)	1.0% (0.12)
White *and* Hispanic *and* SOR	0.0% (N/A)	13.2% (2.06)	0.0% (N/A)	0.0% (N/A)	1.6% (1.68)	1.1% (0.56)	0.5% (0.07)
Other combinations	11.5% (5.54)	3.0% (0.71)	5.7% (2.80)	3.7% (1.27)	23.8% (8.91)	**53.8% (3.50)**	1.2% (0.10)
Single response	23.5% (8.21)	48.2% (2.54)	22.4% (5.17)	53.6% (2.89)	27.5% (8.43)	34.8% (3.06)	**94.1% (0.27)**
Missing	2.7% (2.00)	0.1% (0.09)	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	0.4% (0.07)
Invalid	0.0% (N/A)	0.1% (0.08)	0.0% (0.02)	0.3% (0.24)	0.0% (N/A)	0.6% (0.49)	0.1% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

"Race/Ethnicity"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**68.5% (7.66)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.1% (1.35)	0.1% (0.05)
White *and* Hispanic	0.0% (N/A)	**31.4% (2.40)**	0.0% (N/A)	0.1% (0.14)	0.1% (0.15)	4.2% (1.62)	0.7% (0.10)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**71.7% (7.35)**	0.0% (N/A)	0.0% (N/A)	4.6% (1.57)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**46.8% (2.71)**	0.0% (N/A)	1.0% (0.41)	2.0% (0.20)
Hispanic *and* Black	0.0% (N/A)	0.0% (0.01)	0.0% (N/A)	0.0% (N/A)	**36.7% (9.23)**	0.3% (0.21)	0.0% (0.01)
Hispanic *and* SOR	0.1% (0.07)	4.1% (0.71)	0.0% (N/A)	0.0% (N/A)	0.3% (0.30)	1.5% (1.17)	1.1% (0.14)
White *and* Hispanic *and* SOR	0.0% (N/A)	14.9% (2.08)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.1% (0.64)	0.4% (0.10)
Other combinations	8.9% (4.51)	5.4% (1.29)	9.6% (4.42)	6.9% (1.66)	41.2% (11.27)	**46.6% (3.25)**	1.5% (0.14)
Single response	22.6% (6.98)	43.6% (2.72)	17.6% (5.01)	45.7% (3.12)	21.0% (7.59)	36.0% (3.58)	**93.3% (0.35)**
Missing	0.0% (N/A)	0.1% (0.08)	0.4% (0.45)	0.0% (N/A)	0.7% (0.73)	0.7% (0.50)	0.6% (0.12)
Invalid	0.0% (N/A)	0.3% (0.23)	0.7% (0.67)	0.5% (0.34)	0.0% (N/A)	0.9% (0.42)	0.2% (0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

No Terms at All ("Categories")

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**71.0% (6.52)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (0.48)	0.3% (0.07)
White *and* Hispanic	0.0% (N/A)	**32.5% (2.54)**	0.0% (0.03)	0.3% (0.30)	0.0% (N/A)	2.0% (0.79)	0.7% (0.12)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**78.3% (6.49)**	0.1% (0.05)	0.0% (N/A)	2.4% (0.88)	0.0% (0.02)
White *and* AIAN	0.0% (N/A)	1.1% (1.01)	0.0% (N/A)	**50.6% (3.10)**	0.0% (N/A)	2.5% (0.74)	1.9% (0.17)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**37.3% (10.80)**	0.5% (0.26)	0.1% (0.03)
Hispanic *and* SOR	0.0% (N/A)	5.2% (1.08)	0.0% (N/A)	0.0% (N/A)	1.6% (1.63)	2.1% (1.01)	1.0% (0.12)
White *and* Hispanic *and* SOR	0.0% (N/A)	15.2% (2.17)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.4% (0.28)	0.4% (0.07)
Other combinations	8.3% (5.04)	3.7% (0.98)	1.6% (1.03)	3.5% (1.02)	11.4 % (5.22)	**49.8% (3.41)**	1.4% (0.14)
Single response	20.7% (5.78)	42.1% (2.40)	20.1% (6.46)	43.8% (3.13)	49.7% (10.65)	39.5% (3.51)	**93.8% (0.30)**
Missing	0.0% (N/A)	0.1% (0.05)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.09)	0.3% (0.08)
Invalid	0.0% (N/A)	0.1% (0.09)	0.0% (N/A)	1.7% (1.21)	0.0% (N/A)	0.0% (0.01)	0.2% (0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J27. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Terminology for Internet

"Race/Origin"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**70.5% (8.10)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.1% (1.62)	0.1% (0.04)
White *and* Hispanic	0.0% (N/A)	**30.5% (3.25)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.5% (1.06)	0.5% (0.08)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**70.5% (6.39)**	0.0% (N/A)	0.0% (N/A)	1.8% (0.88)	0.2% (0.08)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**54.3% (4.63)**	0.0% (N/A)	1.3% (1.05)	2.3% (0.24)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**42.7% (11.90)**	1.0% (0.97)	0.0% (0.03)
Hispanic *and* SOR	0.0% (N/A)	5.7% (2.07)	0.0% (N/A)	0.0% (N/A)	1.1% (1.10)	0.2% (0.13)	1.3% (0.16)
White *and* Hispanic *and* SOR	0.0% (N/A)	17.3% (3.05)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.5% (0.84)	0.5% (0.10)
Other combinations	9.6% (4.68)	4.8% (1.25)	6.2% (3.47)	3.2% (1.48)	25.4% (11.78)	**58.8% (4.37)**	1.2% (0.13)
Single response	17.3% (6.94)	41.7% (3.80)	23.3% (6.07)	42.5% (4.10)	30.8% (8.72)	30.7% (3.36)	**93.5% (0.32)**
Missing	2.5% (2.56)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.09)
Invalid	0.0% (N/A)	0.1% (0.07)	0.0% (0.02)	0.0% (N/A)	0.0% (N/A)	0.1% (0.10)	0.1% (0.04)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

"Race/Ethnicity"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**67.9% (8.60)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.9% (1.57)	0.1% (0.04)
White *and* Hispanic	0.0% (N/A)	**32.0% (2.87)**	0.0% (N/A)	0.2% (0.20)	0.0% (N/A)	5.4% (2.22)	0.5% (0.08)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**77.7% (7.33)**	0.0% (N/A)	0.0% (N/A)	4.9% (2.00)	0.1% (0.04)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**47.4% (3.60)**	0.0% (N/A)	1.4% (0.58)	2.2% (0.24)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**40.1% (10.20)**	0.4% (0.30)	0.0% (0.01)
Hispanic *and* SOR	0.0% (N/A)	3.6% (0.94)	0.0% (N/A)	0.0% (N/A)	0.3% (0.34)	20.% (1.65)	0.9% (0.14)
White *and* Hispanic *and* SOR	0.0% (N/A)	14.1% (2.16)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.4% (0.31)	0.3% (0.07)
Other combinations	10.1% (5.76)	6.8% (1.81)	9.5% (5.60)	4.8% (1.41)	43.9% (12.76)	**53.4% (3.37)**	1.5% (0.17)
Single response	21.9% (8.03)	43.0% (3.17)	11.5% (5.40)	47.0% (3.95)	15.6% (7.66)	26.7% (3.17)	**93.9% (0.40)**
Missing	0.0% (N/A)	0.0% (N/A)	0.6% (0.57)	0.0% (N/A)	0.0% (N/A)	0.6% (0.56)	0.3% (0.13)
Invalid	0.0% (N/A)	0.5% (0.34)	0.9% (0.86)	0.7% (0.48)	0.0% (N/A)	1.0% (0.53)	0.2% (0.05)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

No Terms at All ("Categories")

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**72.1% (8.44)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (0.62)	0.1% (0.04)
White *and* Hispanic	0.0% (N/A)	**32.9% (3.05)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.2% (1.04)	0.5% (0.11)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**79.9% (6.19)**	0.0% (N/A)	0.0% (N/A)	3.2% (1.19)	0.1% (0.03)
White *and* AIAN	0.0% (N/A)	1.4% (1.36)	0.0% (N/A)	**50.1% (4.17)**	0.0% (N/A)	2.2% (0.84)	2.0% (0.23)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**43.8% (14.90)**	0.6% (0.35)	0.0% (0.00)
Hispanic *and* SOR	0.0% (N/A)	6.1% (1.39)	0.0% (N/A)	0.0% (N/A)	2.4% (2.57)	2.7% (1.25)	1.1% (0.15)
White *and* Hispanic *and* SOR	0.0% (N/A)	17.2% (2.62)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.6% (0.38)	0.4% (0.09)
Other combinations	6.0% (3.58)	4.7% (1.25)	1.4% (1.16)	2.7% (1.27)	17.5% (7.82)	**54.2% (4.13)**	1.5% (0.18)
Single response	21.9% (8.48)	37.4% (2.87)	18.8% (6.15)	44.9% (4.20)	36.3% (13.45)	33.5% (4.08)	**93.8% (0.32)**
Missing	0.0% (N/A)	0.1% (0.06)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.2% (0.06)
Invalid	0.0% (N/A)	0.2% (0.12)	0.0% (N/A)	2.3% (1.64)	0.0% (N/A)	0.0% (0.01)	0.2% (0.06)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J28. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Terminology for TQA

"Race/Origin"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**53.9% (46.23)**	0.0% (N/A)	0.0% (N/A)	1.0% (1.06)	0.0% (N/A)	9.8% (8.10)	0.2% (0.11)
White *and* Hispanic	0.0% (N/A)	**30.0% (5.29)**	0.0% (N/A)	0.4% (0.40)	0.0% (N/A)	0.7% (0.76)	0.6% (0.20)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**83.1% (81.20)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**41.5% (9.16)**	0.0% (N/A)	1.9% (1.33)	2.2% (0.81)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**0.0% (N/A)**	1.4% (1.42)	0.0% (N/A)
Hispanic *and* SOR	0.0% (N/A)	1.0% (0.64)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	5.3% (3.58)	0.3% (0.15)
White *and* Hispanic *and* SOR	0.0% (N/A)	20.3% (5.35)	0.0% (N/A)	0.0% (N/A)	65.3% (66.13)	2.0% (2.00)	0.7% (0.26)
Other combinations	0.0% (N/A)	1.3% (1.29)	0.0% (N/A)	5.8% (2.89)	0.0% (N/A)	**20.6% (6.75)**	1.8% (0.44)
Single response	46.1% (46.23)	47.3% (6.40)	16.9% (81.20)	50.7% (10.42)	34.7% (66.13)	58.3% (9.06)	**94.0% (0.97)**
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.6% (0.58)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

"Race/Ethnicity"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**93.3% (10.19)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.01)
White *and* Hispanic	0.0% (N/A)	**30.9% (7.01)**	0.0% (N/A)	0.0% (N/A)	4.7% (10.65)	1.0% (0.89)	0.5% (0.18)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**61.0% (27.06)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.05)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**57.3% (8.61)**	0.0% (N/A)	0.0% (N/A)	2.9% (0.67)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**7.5% (15.95)**	0.0% (N/A)	0.0% (N/A)
Hispanic *and* SOR	0.0% (N/A)	3.9% (2.26)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.15)	0.9% (0.34)
White *and* Hispanic *and* SOR	0.0% (N/A)	15.1% (5.91)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	8.4% (7.30)	1.1% (0.61)
Other combinations	0.0% (N/A)	5.5% (3.28)	17.4% (20.61)	19.4% (8.52)	0.0% (N/A)	**26.7% (7.51)**	1.7% (0.41)
Single response	6.7% (10.19)	44.6% (8.03)	21.6% (16.57)	23.3% (6.08)	87.8% (25.48)	61.5% (9.39)	**92.5% (1.06)**
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.07)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	2.3% (2.32)	0.2% (0.14)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

No Terms at All ("Categories")

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**79.7% (36.73)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.4% (1.44)	0.1% (0.04)
White *and* Hispanic	0.0% (N/A)	**30.2% (5.98)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.4% (0.46)	0.8% (0.34)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**9.8% (22.69)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.02)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**64.2% (6.31)**	0.0% (N/A)	6.0% (3.60)	3.0% (0.47)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**77.8% (57.13)**	0.0% (N/A)	0.2% (0.17)
Hispanic *and* SOR	0.0% (N/A)	6.9% (3.05)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.8% (0.88)	1.2% (0.34)
White *and* Hispanic *and* SOR	0.0% (N/A)	21.6% (5.17)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.7% (0.23)
Other combinations	0.0% (N/A)	2.1% (1.24)	0.0% (N/A)	10.9% (3.86)	1.9% (4.99)	**55.2% (11.43)**	1.2% (0.33)
Single response	20.3% (36.73)	39.2% (5.42)	90.2% (22.69)	24.9% (5.87)	20.3% (52.99)	36.1% (11.48)	**92.8% (0.71)**
Missing	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.03)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.00)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Table J29. Self-Response Compared to Reinterview for Selected Multiple-Response Groups by Terminology for Paper

"Race/Origin"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**46.9% (22.02)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	3.7% (3.69)	0.1% (0.05)
White *and* Hispanic	0.0% (N/A)	**32.0% (3.42)**	0.0% (N/A)	0.1% (0.09)	0.0% (N/A)	1.9% (1.07)	0.7% (0.17)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**76.7% (10.18)**	0.0% (N/A)	0.0% (N/A)	1.0% (0.91)	0.2% (0.09)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**17.1% (4.12)**	0.0% (N/A)	1.2% (0.94)	0.4% (0.19)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**55.8% (16.08)**	1.3% (1.25)	0.1% (0.05)
Hispanic *and* SOR	0.0% (N/A)	2.9% (1.21)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.7% (0.73)	0.6% (0.19)
White *and* Hispanic *and* SOR	0.0% (N/A)	5.0% (1.67)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.04)	0.4% (0.11)
Other combinations	16.9% (18.29)	0.7% (0.46)	3.8% (4.03)	3.8% (2.81)	22.6% (23.37)	**49.0% (5.86)**	0.9% (0.17)
Single response	32.9% (24.46)	58.8% (3.56)	19.5% (9.09)	78.1% (4.64)	21.6% (17.84)	39.3% (5.87)	**95.5% (0.46)**
Missing	3.4% (3.70)	0.3% (0.26)	0.0% (N/A)	0.0% (0.02)	0.0% (N/A)	0.0% (N/A)	0.9% (0.19)
Invalid	0.0% (N/A)	0.2% (0.21)	0.0% (N/A)	0.8% (0.82)	0.0% (N/A)	1.8% (1.73)	0.2% (0.10)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

"Race/Ethnicity"

Self-Response	Reinterview						
	White *and* Black	White *and* Hispanic	White *and* Asian	White *and* AIAN	Hispanic *and* Black	Other combinations	Single response
White *and* Black	**55.5% (21.49)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.5% (1.57)	0.4% (0.24)
White *and* Hispanic	0.0% (N/A)	**29.8% (5.52)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	1.5% (1.48)	1.6% (0.45)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**40.8% (19.41)**	0.0% (N/A)	0.0% (N/A)	5.2% (3.72)	0.1% (0.08)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**32.7% (6.68)**	0.0% (N/A)	0.0% (0.05)	0.3% (0.10)
Hispanic *and* Black	0.0% (N/A)	0.0% (0.05)	0.0% (N/A)	0.0% (N/A)	**10.8% (11.62)**	0.0% (N/A)	0.0% (0.02)
Hispanic *and* SOR	0.4% (0.44)	6.2% (1.94)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.5% (0.40)	2.2% (0.49)
White *and* Hispanic *and* SOR	0.0% (N/A)	17.4% (5.89)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.5% (0.41)	0.5% (0.18)
Other combinations	8.5% (8.92)	0.9% (0.64)	3.9% (4.29)	3.9% (2.52)	27.2% (28.69)	**30.6% (9.97)**	1.3% (0.44)
Single response	35.6% (21.81)	45.1% (5.85)	55.3% (20.48)	63.4% (6.83)	53.3% (45.89)	58.5% (9.32)	**91.3% (0.98)**
Missing	0.0% (N/A)	0.6% (0.40)	0.0% (N/A)	0.0% (N/A)	8.7% (12.10)	1.6% (1.58)	2.0% (0.54)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.3% (0.18)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

No Terms at All ("Categories")

Self-Response	Reinterview						
	White *and* Black	**White *and* Hispanic**	**White *and* Asian**	**White *and* AIAN**	**Hispanic *and* Black**	**Other combinations**	**Single response**
White *and* Black	**59.0% (24.03)**	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.08)	1.0% (0.36)
White *and* Hispanic	0.0% (N/A)	**31.9% (7.21)**	0.2% (0.17)	2.2% (2.21)	0.0% (N/A)	2.0% (1.82)	1.6% (0.34)
White *and* Asian	0.0% (N/A)	0.0% (N/A)	**73.4% (14.96)**	0.4% (0.40)	0.0% (N/A)	0.5% (0.52)	0.0% (0.03)
White *and* AIAN	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**40.9% (8.60)**	0.0% (N/A)	1.8% (1.80)	0.2% (0.12)
Hispanic *and* Black	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	**14.6% (11.11)**	0.0% (N/A)	0.4% (0.16)
Hispanic *and* SOR	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)
White *and* Hispanic *and* SOR	0.0% (N/A)	1.3% (1.30)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (0.05)	0.0% (N/A)
Other combinations	25.6% (25.90)	0.1% (0.06)	2.4% (2.57)	0.7% (0.53)	0.0% (N/A)	**24.3% (5.82)**	1.2% (0.36)
Single response	15.3% (12.02)	66.6% (7.29)	24.0% (13.79)	55.7% (8.70)	85.4% (11.11)	70.7% (6.28)	**94.5% (0.82)**
Missing	0.0% (N/A)	0.2% (0.16)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.6% (0.63)	1.0% (0.46)
Invalid	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.0% (N/A)	0.1% (0.09)

Source: 2015 National Content Test data. Note: Estimates are weighted with standard errors in parentheses. Estimates in red have a cell count of 10 or fewer.

Appendix K. Acronyms and Abbreviations

Acronym or Abbreviation	Description
ACS	American Community Survey
AIAN	American Indian or Alaska Native
AQE	2010 Census Race and Hispanic Origin Alternative Questionnaire Experiment
CPS	Current Population Survey
CSM	Center for Survey Measurement
IWG	U.S. Office of Management and Budget Federal Interagency Working Group
MENA	Middle Eastern or North African
NAC	Census Bureau National Advisory Committee on Racial, Ethnic, and Other Populations
NCT	2015 National Content Test
NHPI	Native Hawaiian or Other Pacific Islander
OMB	U.S. Office of Management and Budget
OSR	Optimizing Self-Response
RAETT	Race & Ethnic Targeted Test
RTI	RTI International
SOR	Some Other Race
SPS	Special Population Statistics
TQA	Telephone Questionnaire Assistance
U.S.	United States