Nonresponse Bias Analysis for the Screener Phase of the 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation

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Nonresponse Bias Analysis for the Screener Phase of the 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (FHWAR) is organized as follows:

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# Executive Summary

The Office of Management and Budget requires a nonresponse bias analysis when the unit response rate of a survey falls below 80 percent. The 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation had a unit response rate below 80 percent for 31 states as well as the nation for the screener phase.

Three methods were used to analyze the unit nonresponse bias within the sample. These methods are benchmarking, frame distribution comparison, and regressions. The benchmarking method is performed to determine the efficacy of the nonresponse adjustment that was performed on the 2011 data. The frame distribution comparison is performed to determine if the respondent sample differed from the eligible sample. The regressions are performed to see if there is a relationship between the demographics from the screener phase and participation, days, and expenditures in fishing, hunting, and wildlife-watching.

The results from the benchmarking method show that there is moderate evidence of potential nonresponse bias. The results from the frame distribution comparison show very little evidence of nonresponse bias when comparing the respondents to the eligible sample. However, there are a few subcategories within a few of the demographics that may be biased. The results from the regressions show the potential for bias in sportsperson participation, days, and expenditures as well as wildlife-watching participation, days, and expenditures.

The U.S. Census Bureau and the U.S. Fish and Wildlife Service plan to collect data for the 2016 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation beginning in February 2016. The following procedures are being adjusted to address concerns raised as a result of the findings in this report:

1. Implementing a pre-screener to obtain wildlife-recreation activity information and phone numbers to contact a greater percentage of the sampled households even if they are not wildlife-activity participants
2. Creating a new, independent survey-specific sample design to reach a more representative target population
3. Employing the use of a new internal Census Bureau phone number lookup operation to contact a greater percentage of the sampled households

# Introduction

The Office of Management and Budget, according to the Standards and Guidelines for Statistical Surveys, requires all agencies to perform a nonresponse bias analysis if the unit response rate falls below 80 percent. The 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation (FHWAR) had a 77 percent response rate for the screener phase of the data collection. Additionally, 31 states had a response rate below 80 percent for the screener phase.

A robust nonresponse bias analysis was performed on the 2011 FHWAR data. The first method used benchmarks from the Census population estimates (POP) as well as the American Community Survey (ACS) to compare the demographic estimates before and after the nonresponse adjustment. This method determines the efficacy of the nonresponse adjustment. The second method compares the frame distribution of the respondents to the frame distribution of all eligible households. The eligible households used administrative records from the 2010 American Community Survey to supplement the data for the comparison. This method shows if there is evidence of nonresponse bias. Additionally, due to the lack of available benchmark for the non-demographic responses, regressions were performed to determine if there is a relationship between the demographics of the eligible households and participation, days, and expenditures for fishing, hunting, and wildlife watching.

# Overview of 2011 FHWAR

The 2011 FHWAR was designed to cover calendar year activity and expenditures at the person level. Data collection for the National Survey started in April 2011 for the screener phase, and was immediately followed by the first wave of the detailed interview if the respondent had already participated in calendar year 2011. If the respondent said they intended to participate or had participated in the previous year, the respondent was put into the second wave of the detailed interview which began in August 2011. The final wave of the detailed interview was conducted beginning in January of 2012.

Due to a lower than expected response to the initial data collection, a second supplemental screener was put into the field in March 2012. The data collection for the screener and the supplemental detailed phase (which covered the entire calendar year of 2011 as opposed to the typical 4-8 month recall period) finished in June of 2012.

# Methods

## Weighting and Adjustments

### Screening Sample

Every interviewed person in the screening sample received a screening weight that was the product of the following factors:

1. *Base Weight.* The base weight is the inverse of the household’s probability of selection.
2. *Household Noninterview Adjustment.* The noninterview adjustment inflates the weight assigned to interviewed households to account for households eligible for interview but no interview was obtained.
3. *First-Stage Adjustment.* The 824 areas designated for our samples were selected from 2,025 such areas of the Unites States. Some sample areas represent only themselves and are referred to as self-representing. The remaining areas represent other areas similar in selected characteristics and are thus designated non-self-representing. The first-stage factor reduces the component of variation arising from sampling non-self-representing areas.
4. *Second-Stage Adjustment.* This adjustment brings the estimates of the total population into agreement with census-based estimates of the civilian noninstitutionalized and nonbarrack military populations for each state.

### Sportspersons Sample

Every interviewed person in the sportspersons detailed sample received a weight that was the product of the following factors:

1. *Screening weight.* This is the person’s final weight from the screening sample.
2. *Sportspersons Stratum Adjustment.* This factor inflates the weights of persons selected for the detailed sample to account for the subsampling done within each sportsperson stratum.
3. *Sportspersons Noninterview Adjustment.* This factor adjusts the weights of the interviewed sportspersons to account for the sportspersons selected for the detailed sample for whom no interview was obtained. A person was considered a noninterview if he or she was not interviewed in the third wave of interviewing.
4. *Sportspersons Ratio Adjustment Factor.* This is the ratio adjustment of the detailed sample to the screening sample within the sportspersons sampling stratum. This adjustment brings the population estimates of persons aged 16 years old and older from the detailed sample into agreement with the same estimates from the screening sample, which was a much larger sample.

### Wildlife-Watchers Sample

Every interviewed person in the wildlife-watchers detailed sample received a weight that was the product of the following factors:

1. *Screening weight.* This is the person’s final weight from the screening sample.
2. *Wildlife-Watchers Stratum Adjustment.* This factor inflates the weights of persons selected for the detailed sample to account for the subsampling done within each wildlife-watcher stratum.
3. *Wildlife-Watchers Noninterview Adjustment.* This factor adjusts the weights of the interviewed wildlife-watching participants to account for the wildlife-watchers selected for the detailed sample for whom no interview was obtained. A person was considered a noninterview if he or she was not interviewed in the third wave of interviewing.
4. *Wildlife-Watchers Ratio Adjustment Factor.* This is the ratio adjustment of the detailed sample to the screening sample within the wildlife-watchers sampling stratum. This adjustment brings the population estimates of persons aged 16 years old and older from the detailed sample into agreement with the same estimates from the screening sample, which was a much larger sample.

### Data Processing Adjustments

Additionally, there are a series of adjustments that are made to the data to improve robustness, reduce bias, and protect the identity of respondents:

1. *Imputation.* The table below refers to the variables that are imputed based on observations for other variables.

|  |  |  |
| --- | --- | --- |
| **Variable** | **Number of Imputed Observations1** | **Imputation Rate** |
| SCAGE | 1,490 | 2.2% |
| SCHOOL | 1,311 | 2.0% |
| SCRACE | 710 | 1.1% |
| MARITAL | 649 | 1.0% |
| SCSEX | 101 | 0.2% |
| RELATION | 80 | 0.1% |
| 1 Total number of unweighted observations is 66,659. | | |

1. *Top-coding.* This adjustment averages the top three percent of observations for some variables.
2. *Suppression.* Removing demographic characteristics such as Metropolitan Statistical Area and population density (urban/rural) that could lead to the ability to identify an individual based on their responses.
3. *State Outliers.* Remove item-level observations from the data used to estimate state-level values. For example, if a respondent had an expenditure value that was an outlier, then that respondent would still be included in the data set, but the expenditure value would be deleted.

## Universes for the Estimates

### FHWAR Public Use Data

The data used for the nonresponse bias analysis are different from the data on the public use data file. The public use data file has three data sets available. FH-2 is the data set from the screener phase. This includes data for all respondents age 6 years old and older. FH-3 is the data set from the sportspersons sample of the detailed phase. Respondents must have participated in either fishing or hunting and be 16 years old or older to be in this data set. FH-4 is the data set from the wildlife-watchers sample of the detailed phase. Respondents must have either closely observed, photographed, or fed wildlife or visited parks or natural areas, maintained plantings, or maintained natural areas for the benefit of wildlife and be 16 years old or older to be in this data set.

### Benchmarking Data

The FHWAR data used for the benchmarking approach are from the FH-2 data set. Different stages of the weighting and adjustment procedures are captured for comparison. The data have gone through imputation, but not suppression. Top-coding only pertains to the FH-3 and FH-4 data sets. The difference in the two stages used for comparison focus on before and after the noninterview adjustment. The data for the demographic characteristics of interest for each respondent remain the same; it is the weight that changes. Prior to the noninterview adjustment, the base weight as described in the screening sample section is used. The data post-noninterview adjustment uses the screening weight as described in the sportspersons sample and wildlife-watchers sample sections. Data used in the benchmarking are the subset of all respondents who were 16 years old and older.

The proportions used as the benchmarks are from the 2010 Census Population (POP) estimates and the 2010 American Community Survey (ACS). POP estimates are population estimates derived by the U.S. Census Bureau's Population Division.  The population estimates are released on a flow basis throughout each year. Each new series of data incorporates the latest administrative record data, geographic boundaries, and methodology. ACS is nationwide survey that has replace the Census's long form.  The ACS is an ongoing survey that provides vital data on the American people every year.

### Frame Distribution Comparison Data

#### Eligible Data

Administrative records data from ACS are available at the Census block level for all households that were part of the 2011 FHWAR sample. The administrative records were used to impute data for nonrespondent households at the person level. These imputed data are appended to the respondent data to create the eligible sample data. Because of differences in the administrative records demographics and the data that were collected from the respondents, slight changes and consolidations had to be made to the demographic groupings compared to the benchmarking method. These groupings are outlined in Table 3, below. The weight being used for the comparison is the base weight. The base weight is available for all eligible households. No other weight is available for all eligible households.

#### Respondent Data

The FHWAR respondent data used for comparing the distribution of frame variables that have missing items were not imputed with data from the administrative records. If the household income was not reported, for instance, then each person in that household will have a missing value for household income group. The data are also subsetted further compared to the benchmarking method. Only respondents 18 years old and older are included in the comparison of the frame distribution, while the benchmarking method used 16 years old and older as its subset. This is because there was no cutoff for 16 years olds in the administrative records data.

#### Nonrespondent Data

To match the respondent data, which are available at the person level, the nonrespondent data had to be imputed. The FHWAR is an addressed-based sample, and only Census block-level data are available for each nonrespondent household. Therefore, to properly account for the attributes that each nonrespondent household would have after imputation, first, household size had to be imputed. The imputed demographic characteristics could then be imputed at the person-level so that the number of observations for respondents and nonrespondents would have the correct proportionality. The demographics of age, sex, ethnicity, race, annual household income, and education were imputed for the nonrespondents.

##### Household Size Imputation

One approach that was considered was to take the mean household size in each state and extrapolate the household size by multiplying the mean by the total eligible households in each state. This would give us the total number of persons in each state. A couple of complications arose. The administrative records are down to the Census block level. This method would only work if state-level demographic distributions were used. To use the state-level demographic distributions to impute would be giving away the more accurate imputation procedure of imputing on the Census block-level demographic distributions. Also, only using the mean household size makes it unclear how the weights would be assigned to the total persons.

State-level data is the smallest geographical area on which analysis is done. Therefore it was decided that the distribution of the household size of the respondents by state would act as a proxy for the nonrespondents. Once household size was imputed for each nonrespondent household, then Census block-level demographic distributions could be used on each household to impute person-level demographics.

##### Imputation Procedure

First, the distribution in household size for each state was determined. Next, a random number,, that was uniformly distributed between 0 and 1 was assigned to each household.

Based on the cumulative frequency of the household sizes in each state, the random number that corresponded to the cumulative frequency range determined the household size that would be assigned to each household. Once the household size was assigned, each nonrespondent household observation was replicated to match that size.

##### Considerations

There are a couple of things to consider about how using respondent data as a proxy for nonrespondent data would affect the comparison of the eligible data (which is mostly made up of respondent data) and the respondent data. The respondent household size only includes persons who are at least 6 years old. This will skew the household size down.

Not all states had a continuous distribution of household sizes. Some may have had a few observations with a household size of nine, and then the next highest observation was eleven. This means that there was no chance for a household size of ten to be imputed. Instead that household would be assigned a size of nine. This would skew the household size down.

Additionally, the maximum household size from the respondent data for each state is more than likely not the largest household size actually in the state. Therefore, just as the data that are not continuous did not allow for some household sizes to be imputed, the limit on the maximum household size also shifted the household size down. The result is there are fewer imputed observations because of the smaller household size.

This means that there is a smaller chance for a false positive (type I error) because the eligible data is made up of a larger proportion of respondents than may actually be true. Reducing the likelihood of a false positive is desirable. We would not want to say there is nonresponse bias when in reality there is none.

There is also an increased chance of a false negative (type II error). We would like to detect all nonresponse bias, but having a false negative when we are using imputed data and not observed data from the administrative records means that we won’t make adjustments to our noninterview adjustment in the future unnecessarily based on randomly assigned person-level data for the nonrespondents.

##### Demographic Imputation

Once household size was imputed, the demographics at the person level needed to be imputed. The same procedure that was used to impute household size was used to impute the demographics. Because there are six demographics being analyzed when comparing the frame distribution, six random numbers uniformly distributed between 0 and 1 were assigned to each nonrespondent person. The distribution of the demographics was performed at the household’s Census block level. The result is an imputed demographic group for all demographics of interest for each nonrespondent.

## Benchmarking

The first method used to analyze the nonresponse bias of the data is the benchmarking method.

The following formula is used to estimate the nonresponse bias:

Where

total respondents in sample

total persons in sample

one person with characteristic of interest

weight of a person

To illustrate how to use the formula above, the estimated nonresponse bias of females can be calculated as follows:

Where the proportion females to total persons represented by is the benchmark from the American Community Survey or the Current Population Survey. Missing values were not included in the proportion of the respondents.

The population estimates are the known proportion. The respondent proportion is compared to the population estimates and t-tests are used to determine whether the bias is significant. For the national sample, a z-score of 1.96 was used as a cut-off. This represents a 95% confidence. For each state sample that was compared, a z-score of 1.645 was used as a cut-off, or 90% confidence level. These are the same confidence levels that were used in the national and state reports, respectively. These confidence levels are used throughout the analysis when referring to any statistically significant difference.

## Comparing Distribution of Frame Variables

The second method used to analyze the nonresponse bias in the sample was comparing the distribution of the demographics from the eligible sample to the respondent sample. The eligible sample is defined as the respondent sample appended to the nonrespondent sample.

The demographic data of the respondents was appended to the person-level imputed data for the nonrespondents to create the eligible data set. The eligible data are then compare to the respondent data. A 95% confidence interval was used to estimate the distribution of the demographics of the eligible data and the respondent data at the national level. A 90% confidence interval was used to estimate the distribution of the demographics of the eligible data and the respondent data at the state level. If the confidence interval overlapped, then the respondent data did not show evidence of nonresponse bias. If the confidence intervals did not overlap, then there was evidence of nonresponse bias.

## Regressions

### Logistic Regressions

The logistic regressions are used to find an association between a person’s demographics and their participation in sportsperson activities, fishing, hunting, wildlife-watching, away-from-home wildlife-watching, and around-the-home wildlife-watching. The models that were estimated are as follows:

Where

The expands to:

For independent variables.

### Dummy Variable Regressions

The dummy variable regressions are used to find an association between a person’s demographics and their days and expenditures for fishing, hunting, and wildlife-watching. An example of the race category is modeled as follows:

Where

, in our example the dependent variable will be days

In our example, when a person is African American, the model reduces to:

Because will be zero and (if the respondent is white, then all ) and White as the reference race.

The table below displays the results of the race example when the reference race is White.

|  |  |
| --- | --- |
|  | **Reference Group** |
| **Race** | **White** |
| **White** | 22.946346 |
| **African American** | -4.141416 |
| **Asian American** | -11.670479 |
| **Other races** | -1.901252 |

Using the output above the equation would estimate:

An African American sportsperson spends on average, days doing sportsperson activities.

The corresponding significance levels are as follows. The significance level of the number on the diagonal (White vs reference White) is the difference between the estimate and zero. The p-value for the African American sportsperson days estimate relative to the White sportsperson days estimate is 0.274. Therefore, the estimate of 18.8 days for African Americans is not statistically different from the estimate of 22.9 days for Whites.

|  |  |
| --- | --- |
|  | **Reference Group** |
| **Race** | **White** |
| **White** | <.0001 |
| **African American** | 0.274 |
| **Asian American** | 0.4666 |
| **Other races** | 0.8482 |

Other demographic categories use similar dummy regression models as the race example above.

In Appendix C the dummy variable regression models will show all demographic characteristics’ reference group results. For our race example, the Appendix C table will be as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Reference Group** | | | |
| **Race** | **White** | **African American** | **Asian American** | **Other races** |
| **White** | 22.946346 | 4.1414159 | 11.6704787 | 1.9012524 |
| **African American** | -4.141416 | 18.8049298 | 7.5290628 | -2.2401635 |
| **Asian American** | -11.670479 | -7.5290628 | 11.275867 | -9.7692263 |
| **Other races** | -1.901252 | 2.2401635 | 9.7692263 | 21.0450933 |

As the reader can see, the African American days calculation made with White as the reference (18.8 days) is the number of days when African Americans are the reference group. The significance tables in Appendix C are presented as such. The significance level of the number on the diagonal is the difference between the estimate and zero.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Reference Group** | | | |
| **Race** | **White** | **African American** | **Asian American** | **Other races** |
| **White** | <.0001 | 0.274 | 0.4666 | 0.8482 |
| **African American** | 0.274 | 0.0009 | 0.5725 | 0.7637 |
| **Asian American** | 0.4666 | 0.5725 | 0.5337 | 0.1712 |
| **Other races** | 0.8482 | 0.7637 | 0.1712 | 0.0801 |

# Results

## Response Rates

Table 1: Response Rates for the Screener Interview for the U.S. and States that are Below 80 Percent

|  |  |  |
| --- | --- | --- |
| **Geographic Area** | **Response Rate** | **Weighted Response Rate** |
| United States | 71 | 77 |
| Alabama | 69 | 78 |
| Arizona | 72 | 80\* |
| California | 67 | 76 |
| Colorado | 73 | 79 |
| Connecticut | 69 | 70 |
| Delaware | 71 | 76 |
| Florida | 71 | 78 |
| Georgia | 69 | 78 |
| Illinois | 72 | 75 |
| Kentucky | 73 | 78 |
| Louisiana | 69 | 72 |
| Maryland | 70 | 75 |
| Massachusetts | 66 | 70 |
| Michigan | 74 | 74 |
| Mississippi | 72 | 78 |
| Missouri | 74 | 79 |
| Nevada | 70 | 74 |
| New Hampshire | 72 | 79 |
| New Jersey | 65 | 70 |
| New Mexico | 74 | 80\* |
| New York | 67 | 70 |
| North Carolina | 69 | 73 |
| Ohio | 71 | 74 |
| Pennsylvania | 69 | 76 |
| Rhode Island | 67 | 74 |
| South Carolina | 71 | 79 |
| Tennessee | 71 | 78 |
| Texas | 72 | 77 |
| Vermont | 74 | 79 |
| Virginia | 72 | 79 |
| West Virginia | 73 | 80\* |
| Note: \* indicates that weighted response rate is below 80 percent but rounds up to 80 percent. | | |

## Demographics

Table 2: Demographics to be Analyzed Using the Benchmarking Method

|  |  |
| --- | --- |
| **Demographics** | **Category** |
| Age | 16 to 17 years old |
| 18 to 24 years old |
| 25 to 34 years old |
| 35 to 44 years old |
| 45 to 54 years old |
| 55 to 64 years old |
| 65 years and older |
| 65 to 74 years old |
| 75 and older |
| Sex | Male |
| Female |
| Ethnicity | Hispanic |
| Non-Hispanic |
| Race | White |
| African American |
| Asian American |
| All Others |
| Annual Household Income | Less than $25,000 |
| $25,000 to $34,999 |
| $35,000 to $49,999 |
| $50,000 to $74,999 |
| $75,000 to $99,999 |
| $100,000 to $149,999 |
| $150,000 or more |
| Education | 11 years or less |
| 12 years |
| 1 to 3 years of college |
| 4 years of college |
| 5 or more years of college |

Table 3: Demographics to be Analyzed by Comparing Distribution of Frame Variables

|  |  |
| --- | --- |
| **Demographics** | **Category** |
| Age | 18 to 24 years old |
| 25 to 44 years old |
| 45 to 64 years old |
| 65 years old and older |
| Sex | Male |
| Female |
| Ethnicity | Hispanic |
| Non-Hispanic |
| Race | White |
| African American |
| Asian American |
| All Others |
| Annual Household Income | Less than $25,000 |
| $25,000 to $34,999 |
| $35,000 to $49,999 |
| $50,000 to $74,999 |
| $75,000 to $99,999 |
| $100,000 to $149,999 |
| $150,000 or more |
| Education | 11 years or less |
| 4 years or more of college |

## Benchmarking

### Legend

Table 4: Legend to T-test Results Using Benchmarking Method

|  |  |  |
| --- | --- | --- |
| **Before Nonresponse Adjustment** | **Result of Nonresponse Adjustment on Estimate** | **Highlighted Indicator** |
| Significant | Not Significant |  |
| Not Significant | Not Significant |  |
| Significant | Significant |  |
| Not Significant | Significant |  |
| Data not Available | Data not Available |  |

### Results

Table 5: Benchmarking Results for the United States

|  |  |
| --- | --- |
| Characteristic | United States |
| **Age:** |  |
| 16 to 17 years old |  |
| 18 to 24 years old |  |
| 25 to 34 years old |  |
| 35 to 44 years old |  |
| 45 to 54 years old |  |
| 55 to 64 years old |  |
| 65 years and older |  |
| 65 to 74 years old |  |
| 75 and older |  |
| **Sex:** |  |
| Male |  |
| Female |  |
| **Ethnicity:** |  |
| Hispanic |  |
| Non-Hispanic |  |
| **Race:** |  |
| White |  |
| African American |  |
| Asian American |  |
| All Others |  |
| **Annual Household Income (2010):** |  |
| Less than $25,000 |  |
| $25,000 to $34,999 |  |
| $35,000 to $49,999 |  |
| $50,000 to $74,999 |  |
| $75,000 to $99,999 |  |
| $100,000 to $149,999 |  |
| $150,000 or more |  |
| **Education:** |  |
| 11 years or less |  |
| 12 years |  |
| 1 to 3 years of college |  |
| 4 years of college |  |
| 5 or more years of college |  |

Table 6: Benchmarking Results for the States

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Alabama | Arizona | California | Colorado |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Connecticut | Delaware | Florida | Georgia |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Illinois | Kentucky | Louisiana | Maryland |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Massachusetts | Michigan | Mississippi | Missouri |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Characteristic | Nevada | New Hampshire | New Jersey |
| **Age:** |  |  |  |
| 16 to 17 years old |  |  |  |
| 18 to 24 years old |  |  |  |
| 25 to 34 years old |  |  |  |
| 35 to 44 years old |  |  |  |
| 45 to 54 years old |  |  |  |
| 55 to 64 years old |  |  |  |
| 65 years and older |  |  |  |
| 65 to 74 years old |  |  |  |
| 75 and older |  |  |  |
| **Sex:** |  |  |  |
| Male |  |  |  |
| Female |  |  |  |
| **Ethnicity:** |  |  |  |
| Hispanic |  |  |  |
| Non-Hispanic |  |  |  |
| **Race:** |  |  |  |
| White |  |  |  |
| African American |  |  |  |
| Asian American |  |  |  |
| All Others |  |  |  |
| **Annual Household Income (2010):** |  |  |  |
| Less than $25,000 |  |  |  |
| $25,000 to $34,999 |  |  |  |
| $35,000 to $49,999 |  |  |  |
| $50,000 to $74,999 |  |  |  |
| $75,000 to $99,999 |  |  |  |
| $100,000 to $149,999 |  |  |  |
| $150,000 or more |  |  |  |
| **Education:** |  |  |  |
| 11 years or less |  |  |  |
| 12 years |  |  |  |
| 1 to 3 years of college |  |  |  |
| 4 years of college |  |  |  |
| 5 or more years of college |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | New Mexico | New York | North Carolina | Ohio |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Pennsylvania | Rhode Island | South Carolina | Tennessee |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Texas | Vermont | Virginia | West Virginia |
| **Age:** |  |  |  |  |
| 16 to 17 years old |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 34 years old |  |  |  |  |
| 35 to 44 years old |  |  |  |  |
| 45 to 54 years old |  |  |  |  |
| 55 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| 65 to 74 years old |  |  |  |  |
| 75 and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 12 years |  |  |  |  |
| 1 to 3 years of college |  |  |  |  |
| 4 years of college |  |  |  |  |
| 5 or more years of college |  |  |  |  |

### Benchmarking Summary

Table 7: Effective Proportion of Benchmarking Method by Demographic Characteristic

|  |  |  |
| --- | --- | --- |
| **Characteristic** | **Category** | **Significance** (percent) |
| Age | 16 to 17 years  18 to 24 years  25 to 34 years  35 to 44 years  45 to 54 years  55 to 64 years  65 years and older  65 to 74 years  75 years and older | 48.4  38.7  54.8  32.3  48.4  48.4  61.3  58.1  25.8 |
| Sex | Male  Female | 58.1  58.1 |
| Ethnicity | Non-Hispanic  Hispanic | 41.9  41.9 |
| Race | White  African American  Asian American  Other Races | 29.0  22.6  60.0  16.1 |
| Annual Household Income | Less than $25,000  $25,000 to $34,999  $35,000 to $49,999  $50,000 to $74,999  $75,000 to $99,999  $100,000 to $149,999  $150,000 or more | 25.8  51.6  41.9  38.7  32.3  48.4  35.5 |
| Education | 11 years or less  12 years  1 to 3 years of college  4 years of college  5 or more years of college | 51.6  25.8  16.1  61.3  100.0 |

The significance column represents the percent of states that had the benchmark for each demographic characteristic within the confidence interval after the nonresponse adjustment.

## Comparing Distribution of Frame Variables

### Legend

Table 8: Legend to Comparison of Frame Distribution Results

|  |  |
| --- | --- |
| **Results of Comparing Distribution of Frame Variables** | **Highlighted Indicator** |
| Not Significant Difference |  |
| Significant Difference |  |
| Data not Available |  |

### Results

Table 9: Frame Distribution Comparison Results for the United States

|  |  |
| --- | --- |
| Characteristic | United States |
| **Age:** |  |
| 18 to 24 years old |  |
| 25 to 44 years old |  |
| 45 to 64 years old |  |
| 65 years and older |  |
| **Sex:** |  |
| Male |  |
| Female |  |
| **Ethnicity:** |  |
| Hispanic |  |
| Non-Hispanic |  |
| **Race:** |  |
| White |  |
| African American |  |
| Asian American |  |
| All Others |  |
| **Annual Household Income (2010):** |  |
| Less than $25,000 |  |
| $25,000 to $34,999 |  |
| $35,000 to $49,999 |  |
| $50,000 to $74,999 |  |
| $75,000 to $99,999 |  |
| $100,000 to $149,999 |  |
| $150,000 or more |  |
| **Education:** |  |
| 11 years or less |  |
| 4 years or more of college |  |

Table 10: Frame Distribution Comparison Results for the States

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Alabama | Arizona | California | Colorado |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Connecticut | Delaware | Florida | Georgia |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Illinois | Kentucky | Louisiana | Maryland |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Massachusetts | Michigan | Mississippi | Missouri |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Characteristic | Nevada | New Hampshire | New Jersey |
| **Age:** |  |  |  |
| 18 to 24 years old |  |  |  |
| 25 to 44 years old |  |  |  |
| 45 to 64 years old |  |  |  |
| 65 years and older |  |  |  |
| **Sex:** |  |  |  |
| Male |  |  |  |
| Female |  |  |  |
| **Ethnicity:** |  |  |  |
| Hispanic |  |  |  |
| Non-Hispanic |  |  |  |
| **Race:** |  |  |  |
| White |  |  |  |
| African American |  |  |  |
| Asian American |  |  |  |
| All Others |  |  |  |
| **Annual Household Income (2010):** |  |  |  |
| Less than $25,000 |  |  |  |
| $25,000 to $34,999 |  |  |  |
| $35,000 to $49,999 |  |  |  |
| $50,000 to $74,999 |  |  |  |
| $75,000 to $99,999 |  |  |  |
| $100,000 to $149,999 |  |  |  |
| $150,000 or more |  |  |  |
| **Education:** |  |  |  |
| 11 years or less |  |  |  |
| 4 years or more of college |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | New Mexico | New York | North Carolina | Ohio |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Pennsylvania | Rhode Island | South Carolina | Tennessee |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Texas | Vermont | Virginia | West Virginia |
| **Age:** |  |  |  |  |
| 18 to 24 years old |  |  |  |  |
| 25 to 44 years old |  |  |  |  |
| 45 to 64 years old |  |  |  |  |
| 65 years and older |  |  |  |  |
| **Sex:** |  |  |  |  |
| Male |  |  |  |  |
| Female |  |  |  |  |
| **Ethnicity:** |  |  |  |  |
| Hispanic |  |  |  |  |
| Non-Hispanic |  |  |  |  |
| **Race:** |  |  |  |  |
| White |  |  |  |  |
| African American |  |  |  |  |
| Asian American |  |  |  |  |
| All Others |  |  |  |  |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 |  |  |  |  |
| $25,000 to $34,999 |  |  |  |  |
| $35,000 to $49,999 |  |  |  |  |
| $50,000 to $74,999 |  |  |  |  |
| $75,000 to $99,999 |  |  |  |  |
| $100,000 to $149,999 |  |  |  |  |
| $150,000 or more |  |  |  |  |
| **Education:** |  |  |  |  |
| 11 years or less |  |  |  |  |
| 4 years or more of college |  |  |  |  |

### Comparing Distribution of Frame Variables Summary

Table 11: Effective Proportion of Frame Distribution Comparison by Demographic Characteristic

|  |  |  |
| --- | --- | --- |
| **Characteristic** | **Category** | **Significance** (percent) |
| Age | 18 to 24 years  25 to 44 years  45 to 64 years  65 years and older | 100.0  100.0  100.0  67.7 |
| Sex | Male  Female | 100.0  100.0 |
| Ethnicity | Non-Hispanic  Hispanic | 96.8  96.8 |
| Race | White  African American  Asian American  Other Races | 71.0  96.8  100.0  61.3 |
| Annual Household Income | Less than $25,000  $25,000 to $34,999  $35,000 to $49,999  $50,000 to $74,999  $75,000 to $99,999  $100,000 to $149,999  $150,000 or more | 45.2  96.8  100.0  67.7  80.6  93.5  96.8 |
| Education | 11 years or less  4 or more years of college | 93.5  96.8 |

Percent represents the proportion of states that had overlapping confidence intervals for the respondent and eligible sample distributions.

## Regressions

### Logistic Regressions

Table 12: Logistic Regressions Results Summary: Participation

|  |  |
| --- | --- |
| **Participation** | **Results** |
| Sportsperson | *Age*: Both 25 to 44 and 45 to 64 have the highest odds of participation[[1]](#footnote-1)  *Ethnicity*: Non-Hispanics are much more likely to participate  *Sex*: Male are much more likely to participate  *Race*: Whites have the highest odds of participation[[2]](#footnote-2)  *Income*: $75,000-$99,999 and $100,000-$149,999 have the highest odds of participation, less than $25,000 has the lowest[[3]](#footnote-3)  *Education*: Those with less education are more likely to participate |
| Fishing | *Age*: Same as sportspersons  *Ethnicity*: Same as sportspersons  *Sex*: Same as sportspersons  *Race*: Same as sportspersons  *Income*: Less than $25,000 has the lowest odds of participation[[4]](#footnote-4)  *Education*: Same as sportspersons |
| Hunting | *Age*: 65 and older has lowest likelihood[[5]](#footnote-5)  *Ethnicity*: Same as sportspersons  *Sex*: Same as sportspersons  *Race*: Whites have the highest odds of participation, while Asian Americans have the lowest likelihood  *Income*: Same as sportspersons[[6]](#footnote-6)  *Education*: Those with less education are very slightly more likely to participate |

|  |  |
| --- | --- |
| Wildlife-Watching | *Age*: The older age groups are more likely to participate[[7]](#footnote-7)  *Ethnicity*: Non-Hispanic more likely to participate  *Sex*: Males slightly more likely to participate  *Race*: Whites have the highest odds of participation, while the other three race groups are not statistically different from one another[[8]](#footnote-8)  *Income*: The higher the income, the more likely to participate[[9]](#footnote-9)  *Education*: Those with less education are more likely to participate |
| Away-from-Home Wildlife-Watching | *Age*: 45 to 64 most likely to participate  *Ethnicity*: Same as wildlife-watching  *Sex*: Same as wildlife-watching  *Race*: Same as wildlife-watching  *Income*: Same as wildlife-watching[[10]](#footnote-10)  *Education*: Same as wildlife-watching |
| Around-the-Home Wildlife-Watching | *Age*: Same as wildlife-watching  *Ethnicity*: Same as wildlife-watching  *Sex*: Same as wildlife-watching  *Race*: Whites have the highest odds of participation, Other races are more likely to participate than Asian Americans[[11]](#footnote-11)  *Income*: Same as wildlife-watching[[12]](#footnote-12)  *Education*: Same as wildlife-watching |

### Dummy Variable Regressions

Table 13: Dummy Variable Regressions Results Summary: Days

|  |  |
| --- | --- |
| **Days** | **Results** |
| Sportsperson | *Age*: The difference in all age groups is not statistically significant  *Ethnicity*: Hispanic not statistically different from zero  *Sex*: Males have a significantly higher number of days, statistically  *Race*: No race is statistically different from the others, but Asian American and all other races are not statistically different from zero  *Income*: $150,000 or more has a lower number of days that is statistically significant compared the highest participating income levels, while less than $25,000 is not statistically different from zero  *Education*: 4 years or more of college has a higher number of days, but it is just barely not statistically different from 11 years or less |
| Fishing | *Age*: Same as sportspersons  *Ethnicity*: Same as sportspersons  *Sex*: Same as sportspersons  *Race*: Same as sportspersons  *Income*: Only $25,000-$34,999 being greater than $150,000 or more is statistically significant  *Education*: The difference between 11 years or less and 4 or more years of college is not statistically significant |
| Hunting | *Age*: 25 to 44 spends a statistically significant amount of days more than 65 and older  *Ethnicity*: Non-Hispanics are statically higher  *Sex*: Same as sportspersons  *Race*: No race is statistically different from the others  *Income*: No income is statistically different from the others  *Education*: The difference between 11 years or less and 4 or more years of college is not statistically significant |
| Away-from-Home Wildlife-Watching | *Age*: Older age groups had more days[[13]](#footnote-13)  *Ethnicity*: Neither ethnicity was statistically different from zero  *Sex*: Females not statistically different from zero  *Race*: No race statistically different from zero  *Income*: Most income levels not statistically different from zero  *Education*: 4 years or more of college not statistically different from zero |

Table 14: Dummy Variable Regressions Summary: Expenditures

|  |  |
| --- | --- |
| **Expenditures** | **Results** |
| Sportsperson | *Age*: 45 to 64 spends the most  *Ethnicity*: Hispanic is not statistically different from zero  *Sex*: Males spend a significant amount more than females  *Race*: Whites spend more than African Americans, while Asian Americans and Other races are not statistically different from zero  *Income*: Overall, those who make more spend more[[14]](#footnote-14)  *Education*: 11 years or less and 4 or more years of college are not statistically different |
| Fishing | *Age*: 45 to 64 spends the most [[15]](#footnote-15)  *Ethnicity*: Same as sportspersons  *Sex*: Male and Female are not statistically different  *Race*: Same as sportspersons  *Income*: Same as sportspersons[[16]](#footnote-16)  *Education*: Same as sportspersons |
| Hunting | *Age*: 45 to 64 spends the most[[17]](#footnote-17)  *Ethnicity*: Same as sportspersons  *Sex*: Not statistically different  *Race*: African Americans and Asian Americans are not statistically different from zero  *Income*: Same as sportspersons[[18]](#footnote-18)  *Education*: Same as sportspersons |
| Wildlife-Watching | *Age*: No age group statistically different from the others  *Ethnicity*: Not statistically different from one another  *Sex*: Males not statistically different from zero  *Race*: Asian Americans and Other races are not statistically different from zero  *Income*: Higher income levels spend more[[19]](#footnote-19)  *Education*: 11 years or less and 4 or more years of college are not statistically different |

## Results Summary

### Benchmarking

Approximately half of all states for all age groups were adjusted away from the benchmark. Also, approximately half of all states for all age groups were statistically different from the benchmark. There is mild evidence of nonresponse bias.

More than half of the states experienced an incorrect adjustment to the proportionality of sex. Slightly less than half showed evidence of bias after the adjustment.

For ethnicity, around 60 percent of states were adjusted in the wrong direction. Also, a similar proportion showed evidence of bias even after the adjustment. There is moderate evidence of bias.

There is strong evidence that all race groups other than Asian American have strong evidence of bias. Asian American has moderate evidence of bias.

About half of the states showed nonresponse bias. There is moderate to strong evidence of bias for annual household income at all levels.

The nonresponse adjustment tended to improve the estimates of the less educated cohorts while skewing the more educated cohorts away from their benchmarks. However, there is almost no evidence of bias at the higher education levels. The most bias exists at the middle education levels.

### Frame Distribution Comparison

The only age group that shows any evidence of bias is 65 years old and older, and it is mild bias.

There is no evidence of bias related to sex.

There is virtually no evidence of bias for ethnicity.

White and other races show mild bias in about a third of the states studied.

Less than $25,000 shows moderately strong evidence of bias while $50,000-$74,999 has mild bias. There is little or no evidence of bias for the other income ranges.

There is almost no evidence of bias related to education.

### Regressions

The measurements of fit for nearly all regressions are significant.

The focus of the regression summary will be within the benchmarking and frame distribution areas of concern. The potential bias with the age group 65 years old and older could have affected the wildlife watcher sample.  The regressions show the age group of 65 years old and older is much more likely to participate as a wildlife watcher, especially around the home, compared to the younger age categories.

The frame comparisons shows a greater proportion of Whites were respondents than were eligible in about a third of the states.  From the regressions, Whites are more likely to participate in all wildlife activities.  Therefore, there is evidence for potential upward bias in the number of sportsperson participants, days, and expenditures.

The frame comparisons also show a smaller proportion of households with income less than $25,000 as respondents compared to being eligible in many of the studied states.  Those in the lowest income category are less likely to participant in any wildlife activity, do not spend as much money, and spend less days compared to other income categories.  Again, there could be potential upward bias in the number of wildlife-watching participants, days, and expenditures.

### Summary

Table 15: Consolidated Results Using All Methods

|  |  |  |  |
| --- | --- | --- | --- |
|  | Method | | |
| Demographics | Benchmarking | Frame Distribution Comparison | Regressions |
| Age | Mild | Mild | Over sampled: 65 years old and older participate at a higher rate in wildlife-watching |
| Sex | Moderate | No Bias |  |
| Ethnicity | Moderate | No Bias |  |
| Race | Strong | Mild | Over sampled: Whites have greater sportsperson participation, days, and expenditures |
| Income | Moderate to Strong | Mild | Under sampled: Less than $25,000 have lower participation, days, and expenditures |
| Education | Moderate to Strong | No Bias |  |

The results show that for sex, ethnicity, and education, there are conflicting results about whether or not bias is present. The benchmarking method is more sensitive to bias, while the frame distribution comparison is reliant on imputation. There are, however, confirming results between both methods for age, race, and income. There was no more than mild evidence of bias for these demographics using the frame distribution comparison method. The results of the regressions show that for age, race, and income, the direction of the bias indicates that the estimates for sportsperson participation, days, and expenditures as well as wildlife-watching participation, days, and expenditures are potentially inflated.

### Next Steps

Three key steps are being taken to help address the issues with nonresponse bias from 2011:

1. Implementing a pre-screener to obtain wildlife-recreation activity information and phone numbers
2. Creating a new, independent survey-specific sample design
3. Employing the use of a new internal Census Bureau phone number lookup operation

The Census Bureau will implement a pre-screener for the 2016 National Survey. The inclusion of the pre-screener is based on a mixed mode (i.e., combined Internet self-response and mail out/mail back) research conducted in the fall of 2013. The pre-screener serves two primary purposes. One is to identify participants and the other is to collect phone numbers directly from respondents for sampled housing units so costs can be reduced by using phone interviews for a greater number of cases in the screening and detailed interviews. A simple roster will also be collected, which allows those households returning a pre-screener that do not participate in wildlife-recreation activities to be counted as non-participant respondents with no further interviews required.

The Census Bureau is moving away from using the Current Population Survey’s defined Primary Sampling Units (PSUs). New PSUs will be defined to optimize the sample for the national design. The new PSUs will incorporate specific areas to appropriately represent the four designated states (Maine, Minnesota, Oklahoma, and Virginia). Data on hunting license sales by county will also be used to create the PSUs.

As was the case for the 2011 National Survey, the Census Bureau will attempt to maximize Computer Assisted Telephone Interviewing (CATI) through telephone centers in order to reduce costs of in-field, in-person interviews and to increase sample size. The Census Bureau will utilize a new internal phone number lookup operation to assist in finding phone numbers for those households that did not return a pre-screener. This internal phone number lookup operation was not in existence for the 2011 Survey processing. Other Census Bureau operations, including the American Community Survey, use this new phone number lookup

The aforementioned steps to be taken will help the 2016 Survey’s contact rates and response rates and in turn should help with keeping nonresponse bias to a minimum.

# Limitations

Throughout the process of performing the nonresponse bias analysis on the 2011 Survey data, a few limitations arose that affected the final approach to each method.

The benchmarking method used data from the Census Population estimates as well as the American Community Survey to establish reliable benchmarks for comparison. Many demographics that were collected for each respondent were not able to be compared because a reliable benchmark was not available. These demographics include the population size of the respondents’ residence in relation to Metropolitan Statistical Area, population density (urban/rural), and retirement/employment status.

The analysis would have greatly benefited from a reliable benchmark for population density, as this is the variable that the noninterview adjustment is based on. However, the population density estimates used for the noninterview adjustment are household level while the benchmark needed to be at the person level. An attempt was made to use proportionalities, but age group differences created an inability for a reliable person-level benchmark to be created from the Census Population estimates.

The frame distribution comparison method also experienced limitations. The major limitation was that the population of interest was comprised of individuals 18 years old and older as opposed to 16 years old and older. The limitation came from the age breakdowns in the administrative records used to impute nonrespondent data which were different from what the 2011 FHWAR collects. The age breakdown was 6 to 17 years old and 18 years old and older. Therefore, respondents who were 16 to 17 years old were not included in this part of the analysis.

Education was restricted to only two categories, 11 years or less and 4 years or more of college. This leaves out 12 years and 1 to 3 years of college. It also combines 4 years of college and 5 or more years of college into one category. This limitation was also due to a lack of administrative records.

Another major limitation was the administrative records for each nonrespondent were not available at the person level. They were only available at the Census block level for each household. This meant that demographic information for nonrespondents had to be imputed rather than observed.

Also, the household size for each nonrespondent household was not available. Therefore, the household size was imputed for each nonrespondent household based on the distribution of the household sizes of the respondents in the state that the nonrespondent resided in. The respondent household size was limited in scope as well. First, the household size was only for persons 6 years old or older residing in the house. Second, there was not a continuous household size distribution to base the imputation off of. All of these limitations caused the average imputed household size to be slightly lower than the average household size based on administrative records. All imputed values for activity-level data for nonrespondents were assumed to be zero.

A good benchmark for activity-level data including participation, days, and expenditures was not available. Therefore, it was difficult to make direct conclusions about the bias in the estimates of the 2011 Survey in regards to the activity level data. A combination of correlation and bias in the demographics had to suffice as evidence of potential bias.

# Appendix A: Benchmarking Tables

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for United States: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 5,232,368 | 0.031952 | 8,613,134 |  | 8,613,134 | 0.036078 | -0.004126 | 0.000774 | -5.330125 |
| 18 to 24 years old | 18,156,437 | 0.110874 | 29,868,906 |  | 29,868,906 | 0.125111 | -0.014237 | 0.001653 | -8.612590 |
| 25 to 34 years old | 28,361,793 | 0.173195 | 39,967,867 |  | 39,967,867 | 0.167412 | 0.005782 | 0.001979 | 2.921863 |
| 35 to 44 years old | 27,909,899 | 0.170435 | 40,130,644 |  | 40,130,644 | 0.168094 | 0.002341 | 0.001807 | 1.295519 |
| 45 to 54 years old | 31,556,490 | 0.192703 | 44,454,381 |  | 44,454,381 | 0.186205 | 0.006499 | 0.001855 | 3.503303 |
| 55 to 64 years old | 26,390,766 | 0.161158 | 36,524,537 |  | 36,524,537 | 0.152989 | 0.008169 | 0.001585 | 5.153966 |
| 65 years and older | 26,149,023 | 0.159682 | 39,179,724 |  | 39,179,724 | 0.164111 | -0.004429 | 0.001730 | -2.560059 |
| 65 to 74 years old | 15,505,235 | 0.094685 | 21,629,896 |  | 21,629,896 | 0.090601 | 0.004084 | 0.001317 | 3.100999 |
| 75 and older | 10,643,788 | 0.064998 | 17,549,828 |  | 17,549,828 | 0.073510 | -0.008513 | 0.000858 | -9.921816 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 78,537,550 | 0.479599 | 114,930,432 |  | 114,930,432 | 0.481406 | -0.001807 | 0.001433 | -1.261006 |
| Female | 85,219,227 | 0.520401 | 123,808,761 |  | 123,808,761 | 0.518594 | 0.001807 | 0.001433 | 1.261006 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 21,595,382 | 0.131875 | 34,738,604 |  | 34,738,604 | 0.145509 | -0.013634 | 0.002449 | -5.567111 |
| Non-Hispanic | 142,161,394 | 0.868125 | 204,000,589 |  | 204,000,589 | 0.854491 | 0.013634 | 0.002449 | 5.567111 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 125,724,927 | 0.767754 | 190,457,987 |  | 190,457,987 | 0.797766 | -0.030012 | 0.002607 | -11.512027 |
| African American | 15,905,390 | 0.097128 | 29,105,457 |  | 29,105,457 | 0.121913 | -0.024785 | 0.001778 | -13.939853 |
| Asian American | 7,752,626 | 0.047342 | 12,135,455 |  | 12,135,455 | 0.050831 | -0.003489 | 0.001454 | -2.399663 |
| All Others | 14,373,833 | 0.087776 | 7,040,294 |  | 7,040,294 | 0.029489 | 0.058286 | 0.001995 | 29.216052 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 29,603,356 | 0.223151 |  | 26,909,874 | 26,909,874 | 0.235564 | -0.012413 | 0.002560 | -4.848725 |
| $25,000 to $34,999 | 15,119,437 | 0.113971 |  | 12,043,840 | 12,043,840 | 0.105429 | 0.008541 | 0.001735 | 4.922987 |
| $35,000 to $49,999 | 19,635,705 | 0.148015 |  | 16,132,902 | 16,132,902 | 0.141224 | 0.006790 | 0.002108 | 3.221207 |
| $50,000 to $74,999 | 23,241,781 | 0.175197 |  | 21,201,711 | 21,201,711 | 0.185596 | -0.010398 | 0.002271 | -4.578753 |
| $75,000 to $99,999 | 17,281,903 | 0.130272 |  | 14,097,295 | 14,097,295 | 0.123405 | 0.006867 | 0.001893 | 3.627351 |
| $100,000 to $149,999 | 16,242,819 | 0.122439 |  | 14,065,756 | 14,065,756 | 0.123129 | -0.000690 | 0.001664 | -0.414657 |
| $150,000 or more | 11,535,563 | 0.086955 |  | 9,784,618 | 9,784,618 | 0.085653 | 0.001303 | 0.001323 | 0.984740 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 21,533,954 | 0.131500 |  | 29,701,819 | 29,701,819 | 0.147000 | -0.015500 | 0.001696 | -9.139374 |
| 12 years | 56,484,748 | 0.344931 |  | 57,383,107 | 57,383,107 | 0.284000 | 0.060931 | 0.002172 | 28.052833 |
| 1 to 3 years of college | 37,640,118 | 0.229854 |  | 58,393,373 | 58,393,373 | 0.289000 | -0.059146 | 0.001815 | -32.587435 |
| 4 years of college | 29,048,066 | 0.177385 |  | 35,561,362 | 35,561,362 | 0.176000 | 0.001385 | 0.001841 | 0.752542 |
| 5 years or more of college | 19,049,890 | 0.116330 |  | 21,013,532 | 21,013,532 | 0.104000 | 0.012330 | 0.001282 | 9.618091 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for United States: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 7,651,984 | 0.031975 | -0.004103 | 0.000774 | -5.300687 |
| 18 to 24 years old | 26,516,970 | 0.110805 | -0.014306 | 0.001655 | -8.644269 |
| 25 to 34 years old | 41,612,731 | 0.173884 | 0.006472 | 0.002096 | 3.087880 |
| 35 to 44 years old | 40,778,759 | 0.170400 | 0.002306 | 0.001807 | 1.275879 |
| 45 to 54 years old | 46,167,011 | 0.192915 | 0.006710 | 0.001867 | 3.594185 |
| 55 to 64 years old | 38,468,514 | 0.160746 | 0.007757 | 0.001638 | 4.735431 |
| 65 years and older | 38,116,575 | 0.159275 | -0.004836 | 0.001778 | -2.719738 |
| 65 to 74 years old | 22,655,338 | 0.094668 | 0.004068 | 0.001317 | 3.088752 |
| 75 and older | 15,461,237 | 0.064607 | -0.008904 | 0.000944 | -9.431758 |
| **Sex:** |  |  |  |  |  |
| Male | 114,704,956 | 0.479310 | -0.002096 | 0.001462 | -1.433341 |
| Female | 124,607,587 | 0.520690 | 0.002096 | 0.001462 | 1.433341 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 32,556,764 | 0.136043 | -0.009466 | 0.004836 | -1.957346 |
| Non-Hispanic | 206,755,779 | 0.863957 | 0.009466 | 0.004836 | 1.957346 |
| **Race:** |  |  |  |  |  |
| White | 182,871,972 | 0.764155 | -0.033610 | 0.004445 | -7.561417 |
| African American | 23,401,858 | 0.097788 | -0.024125 | 0.001896 | -12.724339 |
| Asian American | 11,646,532 | 0.048667 | -0.002165 | 0.001968 | -1.100007 |
| All Others | 21,392,181 | 0.089390 | 0.059901 | 0.002567 | 23.334889 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 43,263,421 | 0.223275 | -0.012289 | 0.002560 | -4.800230 |
| $25,000 to $34,999 | 21,944,715 | 0.113253 | 0.007824 | 0.001845 | 4.240403 |
| $35,000 to $49,999 | 28,532,049 | 0.147249 | 0.006025 | 0.002216 | 2.718776 |
| $50,000 to $74,999 | 33,850,354 | 0.174696 | -0.010900 | 0.002322 | -4.694095 |
| $75,000 to $99,999 | 25,236,439 | 0.130241 | 0.006836 | 0.001894 | 3.609308 |
| $100,000 to $149,999 | 23,789,652 | 0.122774 | -0.000355 | 0.001679 | -0.211144 |
| $150,000 or more | 17,150,541 | 0.088511 | 0.002858 | 0.001801 | 1.587123 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 31,574,495 | 0.131938 | -0.015062 | 0.001752 | -8.596849 |
| 12 years | 81,984,456 | 0.342583 | 0.058583 | 0.003197 | 18.324428 |
| 1 to 3 years of college | 55,014,481 | 0.229885 | -0.059115 | 0.001815 | -32.569978 |
| 4 years of college | 42,551,586 | 0.177808 | 0.001808 | 0.001889 | 0.956902 |
| 5 years or more of college | 28,187,525 | 0.117785 | 0.013785 | 0.001939 | 7.109544 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Alabama: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 73,287 | 0.027200 | 132,781 |  | 132,781 | 0.035824 | -0.008625 | 0.004067 | -2.120615 |
| 18 to 24 years old | 376,344 | 0.139677 | 469,678 |  | 469,678 | 0.126720 | 0.012958 | 0.011860 | 1.092548 |
| 25 to 34 years old | 411,748 | 0.152817 | 590,933 |  | 590,933 | 0.159434 | -0.006617 | 0.010959 | -0.603813 |
| 35 to 44 years old | 377,068 | 0.139946 | 601,371 |  | 601,371 | 0.162251 | -0.022305 | 0.009602 | -2.322912 |
| 45 to 54 years old | 522,016 | 0.193742 | 683,669 |  | 683,669 | 0.184455 | 0.009288 | 0.015814 | 0.587308 |
| 55 to 64 years old | 496,813 | 0.184388 | 588,272 |  | 588,272 | 0.158716 | 0.025672 | 0.011995 | 2.140225 |
| 65 years and older | 437,106 | 0.162229 | 639,729 |  | 639,729 | 0.172600 | -0.010371 | 0.012234 | -0.847717 |
| 65 to 74 years old | 276,597 | 0.102657 | 367,953 |  | 367,953 | 0.099274 | 0.003383 | 0.010674 | 0.316918 |
| 75 and older | 160,510 | 0.059572 | 271,776 |  | 271,776 | 0.073325 | -0.013753 | 0.004602 | -2.988567 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,199,422 | 0.445156 | 1,755,738 |  | 1,755,738 | 0.473700 | -0.028544 | 0.011135 | -2.563424 |
| Female | 1,494,961 | 0.554844 | 1,950,695 |  | 1,950,695 | 0.526300 | 0.028544 | 0.011135 | 2.563424 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 33,030 | 0.012259 | 121,759 |  | 121,759 | 0.032851 | -0.020592 | 0.002721 | -7.567762 |
| Non-Hispanic | 2,661,352 | 0.987741 | 3,584,674 |  | 3,584,674 | 0.967149 | 0.020592 | 0.002721 | 7.567762 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 1,785,612 | 0.662716 | 2,671,269 |  | 2,671,269 | 0.720712 | -0.057995 | 0.019559 | -2.965134 |
| African American | 792,619 | 0.294175 | 926,579 |  | 926,579 | 0.249992 | 0.044182 | 0.018189 | 2.429077 |
| Asian American | 34,537 | 0.012818 | 43,144 |  | 43,144 | 0.011640 | 0.001178 | 0.002835 | 0.415466 |
| All Others | 81,615 | 0.030291 | 65,441 |  | 65,441 | 0.017656 | 0.012635 | 0.006803 | 1.857230 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 813,350 | 0.369718 |  | 560,301 | 560,301 | 0.307653 | 0.062065 | 0.021182 | 2.930082 |
| $25,000 to $34,999 | 311,369 | 0.141537 |  | 213,143 | 213,143 | 0.117034 | 0.024503 | 0.014530 | 1.686362 |
| $35,000 to $49,999 | 338,316 | 0.153786 |  | 268,333 | 268,333 | 0.147338 | 0.006448 | 0.014115 | 0.456812 |
| $50,000 to $74,999 | 272,725 | 0.123970 |  | 321,908 | 321,908 | 0.176755 | -0.052785 | 0.010859 | -4.860903 |
| $75,000 to $99,999 | 255,964 | 0.116352 |  | 192,900 | 192,900 | 0.105919 | 0.010433 | 0.012551 | 0.831246 |
| $100,000 to $149,999 | 135,952 | 0.061799 |  | 170,962 | 170,962 | 0.093873 | -0.032074 | 0.006282 | -5.105717 |
| $150,000 or more | 72,243 | 0.032839 |  | 93,663 | 93,663 | 0.051429 | -0.018590 | 0.005304 | -3.504913 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 485,477 | 0.180181 |  | 567,693 | 567,693 | 0.180661 | -0.000480 | 0.010518 | -0.045660 |
| 12 years | 989,910 | 0.367398 |  | 986,178 | 986,178 | 0.313839 | 0.053559 | 0.020318 | 2.636013 |
| 1 to 3 years of college | 609,590 | 0.226245 |  | 900,383 | 900,383 | 0.286536 | -0.060291 | 0.013871 | -4.346564 |
| 4 years of college | 382,427 | 0.141935 |  | 443,185 | 443,185 | 0.141038 | 0.000897 | 0.011013 | 0.081420 |
| 5 years or more of college | 226,979 | 0.084242 |  | 244,865 | 244,865 | 0.077925 | 0.006316 | 0.010680 | 0.591409 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Alabama: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 100,730 | 0.027489 | -0.008335 | 0.004079 | -2.043457 |
| 18 to 24 years old | 523,459 | 0.142852 | 0.016132 | 0.012334 | 1.307949 |
| 25 to 34 years old | 551,185 | 0.150418 | -0.009016 | 0.011225 | -0.803214 |
| 35 to 44 years old | 503,129 | 0.137304 | -0.024947 | 0.009939 | -2.509985 |
| 45 to 54 years old | 705,931 | 0.192649 | 0.008194 | 0.015860 | 0.516634 |
| 55 to 64 years old | 679,602 | 0.185463 | 0.026747 | 0.012028 | 2.223716 |
| 65 years and older | 600,311 | 0.163825 | -0.008775 | 0.012339 | -0.711145 |
| 65 to 74 years old | 381,990 | 0.104245 | 0.004971 | 0.010793 | 0.460566 |
| 75 and older | 218,321 | 0.059580 | -0.013746 | 0.004602 | -2.986898 |
| **Sex:** |  |  |  |  |  |
| Male | 1,630,638 | 0.445001 | -0.028699 | 0.011137 | -2.576924 |
| Female | 2,033,709 | 0.554999 | 0.028699 | 0.011137 | 2.576924 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 44,461 | 0.012133 | -0.020717 | 0.002723 | -7.608270 |
| Non-Hispanic | 3,619,886 | 0.987867 | 0.020717 | 0.002723 | 7.608270 |
| **Race:** |  |  |  |  |  |
| White | 2,457,772 | 0.670726 | -0.049986 | 0.021070 | -2.372366 |
| African American | 1,047,781 | 0.285939 | 0.035947 | 0.019879 | 1.808302 |
| Asian American | 48,656 | 0.013278 | 0.001638 | 0.002871 | 0.570504 |
| All Others | 110,138 | 0.030057 | 0.012401 | 0.006808 | 1.821474 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,081,627 | 0.362579 | 0.054926 | 0.022164 | 2.478148 |
| $25,000 to $34,999 | 427,258 | 0.143224 | 0.026190 | 0.014582 | 1.796053 |
| $35,000 to $49,999 | 458,561 | 0.153717 | 0.006379 | 0.014119 | 0.451823 |
| $50,000 to $74,999 | 376,676 | 0.126268 | -0.050487 | 0.010967 | -4.603551 |
| $75,000 to $99,999 | 350,066 | 0.117348 | 0.011429 | 0.012557 | 0.910184 |
| $100,000 to $149,999 | 188,387 | 0.063150 | -0.030722 | 0.006342 | -4.844275 |
| $150,000 or more | 100,575 | 0.033714 | -0.017715 | 0.005327 | -3.325443 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 653,747 | 0.178408 | -0.002254 | 0.010660 | -0.211434 |
| 12 years | 1,334,425 | 0.364164 | 0.050325 | 0.020520 | 2.452501 |
| 1 to 3 years of college | 827,336 | 0.225780 | -0.060756 | 0.013882 | -4.376603 |
| 4 years of college | 530,182 | 0.144687 | 0.003648 | 0.011316 | 0.322410 |
| 5 years or more of college | 318,657 | 0.086961 | 0.009036 | 0.010994 | 0.821918 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Arizona: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 97,472 | 0.027373 | 4,856,400 |  | 4,856,400 | 0.549649 | -0.522276 | 0.003207 | -162.855061 |
| 18 to 24 years old | 398,127 | 0.111805 | 179,501 |  | 179,501 | 0.020316 | 0.091489 | 0.005613 | 16.299570 |
| 25 to 34 years old | 571,883 | 0.160601 | 609,618 |  | 609,618 | 0.068997 | 0.091604 | 0.007702 | 11.893580 |
| 35 to 44 years old | 546,018 | 0.153338 | 827,026 |  | 827,026 | 0.093603 | 0.059734 | 0.006679 | 8.943615 |
| 45 to 54 years old | 711,048 | 0.199683 | 802,641 |  | 802,641 | 0.090843 | 0.108839 | 0.007277 | 14.956639 |
| 55 to 64 years old | 579,677 | 0.162790 | 832,318 |  | 832,318 | 0.094202 | 0.068588 | 0.006577 | 10.428443 |
| 65 years and older | 656,665 | 0.184410 | 727,951 |  | 727,951 | 0.082390 | 0.102021 | 0.007186 | 14.197133 |
| 65 to 74 years old | 421,189 | 0.118282 | 877,345 |  | 877,345 | 0.099298 | 0.018984 | 0.005754 | 3.299222 |
| 75 and older | 235,476 | 0.066128 | 499,708 |  | 499,708 | 0.056557 | 0.009571 | 0.005173 | 1.850238 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,712,087 | 0.480803 | 2,359,575 |  | 2,359,575 | 0.485869 | -0.005066 | 0.006279 | -0.806824 |
| Female | 1,848,803 | 0.519197 | 2,496,825 |  | 2,496,825 | 0.514131 | 0.005066 | 0.006279 | 0.806824 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 833,659 | 0.234115 | 1,241,597 |  | 1,241,597 | 0.255662 | -0.021547 | 0.016241 | -1.326683 |
| Non-Hispanic | 2,727,231 | 0.765885 | 3,614,803 |  | 3,614,803 | 0.744338 | 0.021547 | 0.016241 | 1.326683 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,802,596 | 0.787049 | 4,192,888 |  | 4,192,888 | 0.863374 | -0.076325 | 0.010434 | -7.314990 |
| African American | 115,640 | 0.032475 | 194,727 |  | 194,727 | 0.040097 | -0.007622 | 0.003483 | -2.188334 |
| Asian American | 59,142 | 0.016609 | 147,344 |  | 147,344 | 0.030340 | -0.013731 | 0.002481 | -5.534625 |
| All Others | 583,513 | 0.163867 | 321,441 |  | 321,441 | 0.066189 | 0.097678 | 0.010353 | 9.434751 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 759,008 | 0.241050 |  | 534,150 | 534,150 | 0.229597 | 0.011453 | 0.011258 | 1.017321 |
| $25,000 to $34,999 | 293,429 | 0.093189 |  | 263,031 | 263,031 | 0.113060 | -0.019871 | 0.005901 | -3.367467 |
| $35,000 to $49,999 | 488,481 | 0.155135 |  | 355,659 | 355,659 | 0.152875 | 0.002259 | 0.006983 | 0.323559 |
| $50,000 to $74,999 | 645,837 | 0.205108 |  | 446,445 | 446,445 | 0.191898 | 0.013210 | 0.010991 | 1.201920 |
| $75,000 to $99,999 | 308,025 | 0.097824 |  | 286,189 | 286,189 | 0.123014 | -0.025190 | 0.006825 | -3.690855 |
| $100,000 to $149,999 | 390,748 | 0.124096 |  | 275,283 | 275,283 | 0.118327 | 0.005769 | 0.008830 | 0.653379 |
| $150,000 or more | 263,230 | 0.083598 |  | 165,711 | 165,711 | 0.071229 | 0.012369 | 0.005707 | 2.167420 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 422,632 | 0.118687 |  | 604,363 | 604,363 | 0.150427 | -0.031740 | 0.008153 | -3.893077 |
| 12 years | 1,055,316 | 0.296363 |  | 1,008,463 | 1,008,463 | 0.251009 | 0.045354 | 0.012153 | 3.731923 |
| 1 to 3 years of college | 1,097,157 | 0.308113 |  | 1,347,437 | 1,347,437 | 0.335380 | -0.027267 | 0.008379 | -3.254237 |
| 4 years of college | 576,061 | 0.161774 |  | 672,317 | 672,317 | 0.167341 | -0.005567 | 0.007533 | -0.739004 |
| 5 years or more of college | 409,724 | 0.115062 |  | 385,058 | 385,058 | 0.095842 | 0.019220 | 0.006106 | 3.147783 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Arizona: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 138,728 | 0.027289 | -0.522360 | 0.003208 | -162.830425 |
| 18 to 24 years old | 568,680 | 0.111865 | 0.091549 | 0.005614 | 16.307221 |
| 25 to 34 years old | 820,112 | 0.161324 | 0.092327 | 0.007734 | 11.937806 |
| 35 to 44 years old | 778,929 | 0.153223 | 0.059620 | 0.006680 | 8.925088 |
| 45 to 54 years old | 1,009,644 | 0.198607 | 0.107763 | 0.007356 | 14.649716 |
| 55 to 64 years old | 828,084 | 0.162892 | 0.068690 | 0.006579 | 10.440780 |
| 65 years and older | 939,463 | 0.184801 | 0.102411 | 0.007195 | 14.233702 |
| 65 to 74 years old | 602,848 | 0.118586 | 0.019288 | 0.005762 | 3.347392 |
| 75 and older | 336,615 | 0.066215 | 0.009658 | 0.005174 | 1.866683 |
| **Sex:** |  |  |  |  |  |
| Male | 2,442,998 | 0.480561 | -0.005308 | 0.006285 | -0.844627 |
| Female | 2,640,643 | 0.519439 | 0.005308 | 0.006285 | 0.844627 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 1,193,465 | 0.234766 | -0.020896 | 0.016250 | -1.285921 |
| Non-Hispanic | 3,890,176 | 0.765234 | 0.020896 | 0.016250 | 1.285921 |
| **Race:** |  |  |  |  |  |
| White | 3,997,174 | 0.786282 | -0.077092 | 0.010464 | -7.367352 |
| African American | 165,743 | 0.032603 | -0.007494 | 0.003485 | -2.150295 |
| Asian American | 85,352 | 0.016790 | -0.013551 | 0.002487 | -5.448584 |
| All Others | 835,372 | 0.164326 | 0.098136 | 0.010365 | 9.468054 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,087,162 | 0.241933 | 0.012336 | 0.011284 | 1.093261 |
| $25,000 to $34,999 | 423,510 | 0.094246 | -0.018814 | 0.005967 | -3.152967 |
| $35,000 to $49,999 | 697,422 | 0.155202 | 0.002327 | 0.006983 | 0.333213 |
| $50,000 to $74,999 | 920,313 | 0.204803 | 0.012905 | 0.010995 | 1.173727 |
| $75,000 to $99,999 | 439,176 | 0.097733 | -0.025282 | 0.006826 | -3.703727 |
| $100,000 to $149,999 | 550,367 | 0.122477 | 0.004150 | 0.008959 | 0.463246 |
| $150,000 or more | 375,693 | 0.083605 | 0.012377 | 0.005707 | 2.168717 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 606,654 | 0.119335 | -0.031093 | 0.008177 | -3.802479 |
| 12 years | 1,505,850 | 0.296215 | 0.045206 | 0.012153 | 3.719739 |
| 1 to 3 years of college | 1,564,245 | 0.307702 | -0.027679 | 0.008391 | -3.298609 |
| 4 years of college | 822,291 | 0.161752 | -0.005589 | 0.007533 | -0.741929 |
| 5 years or more of college | 584,600 | 0.114996 | 0.019154 | 0.006107 | 3.136476 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for California: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 543,328 | 0.029269 | 1,108,470 |  | 1,108,470 | 0.038719 | -0.009450 | 0.001688 | -5.598437 |
| 18 to 24 years old | 2,154,257 | 0.116050 | 3,821,404 |  | 3,821,404 | 0.133483 | -0.017433 | 0.004391 | -3.970188 |
| 25 to 34 years old | 3,725,770 | 0.200708 | 5,194,928 |  | 5,194,928 | 0.181461 | 0.019247 | 0.005358 | 3.592158 |
| 35 to 44 years old | 3,541,534 | 0.190783 | 5,083,085 |  | 5,083,085 | 0.177554 | 0.013229 | 0.004585 | 2.885209 |
| 45 to 54 years old | 3,328,845 | 0.179325 | 5,194,005 |  | 5,194,005 | 0.181429 | -0.002103 | 0.003993 | -0.526770 |
| 55 to 64 years old | 2,562,585 | 0.138047 | 4,043,564 |  | 4,043,564 | 0.141243 | -0.003197 | 0.003656 | -0.874329 |
| 65 years and older | 2,706,834 | 0.145818 | 4,182,882 |  | 4,182,882 | 0.146110 | -0.000292 | 0.003838 | -0.076151 |
| 65 to 74 years old | 1,514,615 | 0.081593 | 2,275,837 |  | 2,275,837 | 0.079496 | 0.002097 | 0.002832 | 0.740324 |
| 75 and older | 1,192,219 | 0.064225 | 1,907,045 |  | 1,907,045 | 0.066614 | -0.002389 | 0.002650 | -0.901458 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 9,043,411 | 0.487170 | 13,958,523 |  | 13,958,523 | 0.487577 | -0.000407 | 0.003779 | -0.107733 |
| Female | 9,519,741 | 0.512830 | 14,669,815 |  | 14,669,815 | 0.512423 | 0.000407 | 0.003779 | 0.107733 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 5,528,087 | 0.297799 | 9,700,144 |  | 9,700,144 | 0.338830 | -0.041031 | 0.007263 | -5.649347 |
| Non-Hispanic | 13,035,065 | 0.702201 | 18,928,194 |  | 18,928,194 | 0.661170 | 0.041031 | 0.007263 | 5.649347 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 11,828,181 | 0.637186 | 21,351,141 |  | 21,351,141 | 0.745804 | -0.108618 | 0.006817 | -15.933460 |
| African American | 968,533 | 0.052175 | 1,816,893 |  | 1,816,893 | 0.063465 | -0.011290 | 0.002830 | -3.989334 |
| Asian American | 2,212,734 | 0.119200 | 4,105,148 |  | 4,105,148 | 0.143395 | -0.024194 | 0.004675 | -5.175235 |
| All Others | 3,553,704 | 0.191439 | 1,355,156 |  | 1,355,156 | 0.047336 | 0.144102 | 0.006398 | 22.523044 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 3,112,731 | 0.208861 |  | 2,463,010 | 2,463,010 | 0.198744 | 0.010116 | 0.005563 | 1.818504 |
| $25,000 to $34,999 | 1,657,556 | 0.111220 |  | 1,133,156 | 1,133,156 | 0.091436 | 0.019784 | 0.004441 | 4.454826 |
| $35,000 to $49,999 | 2,028,521 | 0.136111 |  | 1,568,638 | 1,568,638 | 0.126576 | 0.009535 | 0.004816 | 1.979951 |
| $50,000 to $74,999 | 2,555,170 | 0.171449 |  | 2,183,946 | 2,183,946 | 0.176226 | -0.004777 | 0.005232 | -0.913080 |
| $75,000 to $99,999 | 1,764,893 | 0.118422 |  | 1,586,032 | 1,586,032 | 0.127980 | -0.009557 | 0.004325 | -2.209769 |
| $100,000 to $149,999 | 2,051,487 | 0.137652 |  | 1,861,933 | 1,861,933 | 0.150242 | -0.012590 | 0.004427 | -2.843919 |
| $150,000 or more | 1,733,022 | 0.116284 |  | 1,596,137 | 1,596,137 | 0.128795 | -0.012511 | 0.004322 | -2.894759 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 2,592,883 | 0.139679 |  | 4,539,748 | 4,539,748 | 0.193198 | -0.053519 | 0.004339 | -12.334324 |
| 12 years | 5,785,847 | 0.311685 |  | 5,049,169 | 5,049,169 | 0.214877 | 0.096807 | 0.004943 | 19.584760 |
| 1 to 3 years of college | 4,314,155 | 0.232404 |  | 6,845,338 | 6,845,338 | 0.291316 | -0.058912 | 0.004016 | -14.669379 |
| 4 years of college | 3,555,127 | 0.191515 |  | 4,516,776 | 4,516,776 | 0.192220 | -0.000705 | 0.004399 | -0.160213 |
| 5 years or more of college | 2,315,140 | 0.124717 |  | 2,546,914 | 2,546,914 | 0.108389 | 0.016328 | 0.003558 | 4.589142 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for California: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 836,322 | 0.029281 | -0.009438 | 0.001688 | -5.591528 |
| 18 to 24 years old | 3,311,456 | 0.115939 | -0.017544 | 0.004392 | -3.994640 |
| 25 to 34 years old | 5,730,193 | 0.200622 | 0.019161 | 0.005358 | 3.576186 |
| 35 to 44 years old | 5,447,987 | 0.190742 | 0.013187 | 0.004585 | 2.876225 |
| 45 to 54 years old | 5,122,857 | 0.179359 | -0.002070 | 0.003993 | -0.518471 |
| 55 to 64 years old | 3,944,639 | 0.138107 | -0.003136 | 0.003657 | -0.857522 |
| 65 years and older | 4,168,648 | 0.145950 | -0.000160 | 0.003840 | -0.041542 |
| 65 to 74 years old | 2,333,061 | 0.081684 | 0.002188 | 0.002834 | 0.771999 |
| 75 and older | 1,835,587 | 0.064267 | -0.002347 | 0.002650 | -0.885799 |
| **Sex:** |  |  |  |  |  |
| Male | 13,914,095 | 0.487152 | -0.000425 | 0.003779 | -0.112408 |
| Female | 14,648,007 | 0.512848 | 0.000425 | 0.003779 | 0.112408 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 8,503,309 | 0.297713 | -0.041117 | 0.007263 | -5.661180 |
| Non-Hispanic | 20,058,793 | 0.702287 | 0.041117 | 0.007263 | 5.661180 |
| **Race:** |  |  |  |  |  |
| White | 18,206,466 | 0.637434 | -0.108370 | 0.006821 | -15.887704 |
| African American | 1,488,436 | 0.052112 | -0.011353 | 0.002831 | -4.010093 |
| Asian American | 3,400,136 | 0.119044 | -0.024351 | 0.004678 | -5.205417 |
| All Others | 5,467,064 | 0.191410 | 0.144074 | 0.006398 | 22.518529 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 4,785,252 | 0.208659 | 0.009914 | 0.005565 | 1.781553 |
| $25,000 to $34,999 | 2,549,385 | 0.111165 | 0.019729 | 0.004441 | 4.442360 |
| $35,000 to $49,999 | 3,121,005 | 0.136090 | 0.009514 | 0.004816 | 1.975494 |
| $50,000 to $74,999 | 3,933,785 | 0.171531 | -0.004695 | 0.005232 | -0.897429 |
| $75,000 to $99,999 | 2,718,131 | 0.118523 | -0.009457 | 0.004326 | -2.186017 |
| $100,000 to $149,999 | 3,158,561 | 0.137728 | -0.012515 | 0.004427 | -2.826942 |
| $150,000 or more | 2,667,269 | 0.116305 | -0.012490 | 0.004322 | -2.889846 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 3,988,126 | 0.139630 | -0.053568 | 0.004339 | -12.345626 |
| 12 years | 8,906,379 | 0.311825 | 0.096948 | 0.004945 | 19.605260 |
| 1 to 3 years of college | 6,636,784 | 0.232363 | -0.058953 | 0.004016 | -14.679572 |
| 4 years of college | 5,469,456 | 0.191493 | -0.000727 | 0.004399 | -0.165168 |
| 5 years or more of college | 3,561,357 | 0.124688 | 0.016299 | 0.003558 | 4.581057 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Colorado: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 68,137 | 0.023425 | 132,867 |  | 132,867 | 0.034417 | -0.010992 | 0.002782 | -3.951195 |
| 18 to 24 years old | 321,061 | 0.110379 | 473,627 |  | 473,627 | 0.122686 | -0.012308 | 0.008374 | -1.469729 |
| 25 to 34 years old | 523,525 | 0.179985 | 702,385 |  | 702,385 | 0.181943 | -0.001958 | 0.011111 | -0.176232 |
| 35 to 44 years old | 534,659 | 0.183813 | 681,588 |  | 681,588 | 0.176556 | 0.007257 | 0.010738 | 0.675811 |
| 45 to 54 years old | 551,977 | 0.189766 | 731,205 |  | 731,205 | 0.189408 | 0.000358 | 0.007801 | 0.045905 |
| 55 to 64 years old | 471,633 | 0.162145 | 599,441 |  | 599,441 | 0.155277 | 0.006868 | 0.012344 | 0.556377 |
| 65 years and older | 437,725 | 0.150487 | 539,355 |  | 539,355 | 0.139712 | 0.010775 | 0.008661 | 1.244080 |
| 65 to 74 years old | 270,613 | 0.093035 | 310,740 |  | 310,740 | 0.080493 | 0.012542 | 0.006719 | 1.866698 |
| 75 and older | 167,112 | 0.057452 | 228,615 |  | 228,615 | 0.059220 | -0.001767 |  | #DIV/0! |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,444,287 | 0.496538 | 1,898,783 |  | 1,898,783 | 0.491853 | 0.004685 | 0.007173 | 0.653086 |
| Female | 1,464,429 | 0.503462 | 1,961,685 |  | 1,961,685 | 0.508147 | -0.004685 | 0.007173 | -0.653086 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 492,318 | 0.169256 | 686,872 |  | 686,872 | 0.177925 | -0.008668 | 0.010836 | -0.799965 |
| Non-Hispanic | 2,416,398 | 0.830744 | 3,173,596 |  | 3,173,596 | 0.822075 | 0.008668 | 0.010836 | 0.799965 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,413,788 | 0.829847 | 3,463,350 |  | 3,463,350 | 0.897132 | -0.067286 | 0.012870 | -5.228096 |
| African American | 105,140 | 0.036147 | 149,141 |  | 149,141 | 0.038633 | -0.002486 | 0.005703 | -0.435972 |
| Asian American | 104,517 | 0.035932 | 112,116 |  | 112,116 | 0.029042 | 0.006890 | 0.005992 | 1.149912 |
| All Others | 285,271 | 0.098075 | 135,861 |  | 135,861 | 0.035193 | 0.062882 | 0.011011 | 5.710804 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 387,666 | 0.161310 |  | 396,498 | 396,498 | 0.206621 | -0.045311 | 0.012577 | -3.602714 |
| $25,000 to $34,999 | 259,563 | 0.108006 |  | 186,995 | 186,995 | 0.097446 | 0.010560 | 0.008444 | 1.250545 |
| $35,000 to $49,999 | 391,884 | 0.163065 |  | 267,520 | 267,520 | 0.139409 | 0.023656 | 0.008346 | 2.834446 |
| $50,000 to $74,999 | 494,681 | 0.205840 |  | 363,275 | 363,275 | 0.189308 | 0.016531 | 0.011425 | 1.446937 |
| $75,000 to $99,999 | 386,550 | 0.160846 |  | 252,226 | 252,226 | 0.131439 | 0.029407 | 0.014291 | 2.057709 |
| $100,000 to $149,999 | 241,887 | 0.100651 |  | 269,372 | 269,372 | 0.140374 | -0.039723 | 0.007253 | -5.476829 |
| $150,000 or more | 241,004 | 0.100283 |  | 183,073 | 183,073 | 0.095402 | 0.004881 | 0.007628 | 0.639868 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 313,305 | 0.107712 |  | 342,256 | 342,256 | 0.106917 | 0.000795 | 0.009317 | 0.085381 |
| 12 years | 860,076 | 0.295689 |  | 747,052 | 747,052 | 0.233371 | 0.062318 | 0.011526 | 5.406771 |
| 1 to 3 years of college | 657,324 | 0.225984 |  | 963,082 | 963,082 | 0.300856 | -0.074872 | 0.008919 | -8.394648 |
| 4 years of college | 635,520 | 0.218488 |  | 737,279 | 737,279 | 0.230318 | -0.011830 | 0.010587 | -1.117373 |
| 5 years or more of college | 442,492 | 0.152126 |  | 411,470 | 411,470 | 0.128539 | 0.023588 | 0.009507 | 2.481072 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Colorado: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 93,036 | 0.023575 | -0.010843 | 0.002787 | -3.890439 |
| 18 to 24 years old | 437,013 | 0.110736 | -0.011950 | 0.008385 | -1.425207 |
| 25 to 34 years old | 712,304 | 0.180493 | -0.001450 | 0.011121 | -0.130391 |
| 35 to 44 years old | 725,958 | 0.183953 | 0.007397 | 0.010739 | 0.688791 |
| 45 to 54 years old | 749,079 | 0.189811 | 0.000403 | 0.007801 | 0.051665 |
| 55 to 64 years old | 639,216 | 0.161973 | 0.006696 | 0.012346 | 0.542372 |
| 65 years and older | 589,832 | 0.149459 | 0.009747 | 0.008727 | 1.116879 |
| 65 to 74 years old | 365,592 | 0.092638 | 0.012146 | 0.006732 | 1.804166 |
| 75 and older | 224,240 | 0.056821 | -0.002399 | 0.006116 | -0.392192 |
| **Sex:** |  |  |  |  |  |
| Male | 1,959,151 | 0.496435 | 0.004582 | 0.007175 | 0.638635 |
| Female | 1,987,287 | 0.503565 | -0.004582 | 0.007175 | -0.638635 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 665,725 | 0.168690 | -0.009234 | 0.010849 | -0.851180 |
| Non-Hispanic | 3,280,713 | 0.831310 | 0.009234 | 0.010849 | 0.851180 |
| **Race:** |  |  |  |  |  |
| White | 3,279,032 | 0.830884 | -0.066248 | 0.012910 | -5.131542 |
| African American | 144,424 | 0.036596 | -0.002037 | 0.005717 | -0.356278 |
| Asian American | 141,184 | 0.035775 | 0.006733 | 0.005993 | 1.123473 |
| All Others | 381,798 | 0.096745 | 0.061552 | 0.011088 | 5.551234 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 525,090 | 0.161171 | -0.045450 | 0.012580 | -3.612909 |
| $25,000 to $34,999 | 350,628 | 0.107622 | 0.010176 | 0.008453 | 1.203788 |
| $35,000 to $49,999 | 532,373 | 0.163406 | 0.023998 | 0.008348 | 2.874645 |
| $50,000 to $74,999 | 666,860 | 0.204686 | 0.015377 | 0.011474 | 1.340204 |
| $75,000 to $99,999 | 527,682 | 0.161967 | 0.030528 | 0.014314 | 2.132711 |
| $100,000 to $149,999 | 330,045 | 0.101304 | -0.039070 | 0.007266 | -5.377110 |
| $150,000 or more | 325,290 | 0.099844 | 0.004442 | 0.007638 | 0.581592 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 423,896 | 0.107412 | 0.000495 | 0.009322 | 0.053142 |
| 12 years | 1,165,114 | 0.295232 | 0.061861 | 0.011539 | 5.361053 |
| 1 to 3 years of college | 890,527 | 0.225653 | -0.075203 | 0.008925 | -8.426064 |
| 4 years of college | 864,518 | 0.219063 | -0.011255 | 0.010602 | -1.061573 |
| 5 years or more of college | 602,382 | 0.152639 | 0.024101 | 0.009527 | 2.529740 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Connecticut: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 71,061 | 0.038829 | 101,281 |  | 101,281 | 0.036033 | 0.002796 | 0.003302 | 0.846802 |
| 18 to 24 years old | 208,230 | 0.113782 | 323,480 |  | 323,480 | 0.115086 | -0.001304 | 0.008207 | -0.158937 |
| 25 to 34 years old | 326,078 | 0.178177 | 411,878 |  | 411,878 | 0.146536 | 0.031641 | 0.010386 | 3.046484 |
| 35 to 44 years old | 286,739 | 0.156681 | 473,826 |  | 473,826 | 0.168576 | -0.011895 | 0.007222 | -1.647001 |
| 45 to 54 years old | 341,685 | 0.186705 | 570,702 |  | 570,702 | 0.203042 | -0.016337 | 0.006338 | -2.577618 |
| 55 to 64 years old | 287,506 | 0.157100 | 443,972 |  | 443,972 | 0.157955 | -0.000854 | 0.006075 | -0.140608 |
| 65 years and older | 308,779 | 0.168725 | 485,618 |  | 485,618 | 0.172771 | -0.004047 | 0.006884 | -0.587848 |
| 65 to 74 years old | 185,616 | 0.101425 | 253,471 |  | 253,471 | 0.090179 | 0.011246 | 0.005694 | 1.975110 |
| 75 and older | 123,162 | 0.067299 | 232,147 |  | 232,147 | 0.082592 | -0.015294 | 0.003925 | -3.896451 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 857,850 | 0.468750 | 1,343,771 |  | 1,343,771 | 0.478082 | -0.009331 | 0.006174 | -1.511382 |
| Female | 972,229 | 0.531250 | 1,466,986 |  | 1,466,986 | 0.521918 | 0.009331 | 0.006174 | 1.511382 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 243,034 | 0.132800 | 331,358 |  | 331,358 | 0.117889 | 0.014911 | 0.010479 | 1.422900 |
| Non-Hispanic | 1,587,044 | 0.867200 | 2,479,399 |  | 2,479,399 | 0.882111 | -0.014911 | 0.010479 | -1.422900 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 1,445,672 | 0.789951 | 2,366,025 |  | 2,366,025 | 0.841775 | -0.051824 | 0.011563 | -4.481880 |
| African American | 140,366 | 0.076699 | 283,875 |  | 283,875 | 0.100996 | -0.024296 | 0.008942 | -2.717117 |
| Asian American | 67,553 | 0.036913 | 108,691 |  | 108,691 | 0.038670 | -0.001757 | 0.005300 | -0.331513 |
| All Others | 176,487 | 0.096437 | 52,166 |  | 52,166 | 0.018559 | 0.077877 | 0.008981 | 8.671357 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 210,406 | 0.146264 |  | 241,540 | 241,540 | 0.177705 | -0.031441 | 0.008555 | -3.675142 |
| $25,000 to $34,999 | 129,484 | 0.090011 |  | 107,632 | 107,632 | 0.079187 | 0.010824 | 0.006029 | 1.795395 |
| $35,000 to $49,999 | 104,795 | 0.072849 |  | 157,126 | 157,126 | 0.115600 | -0.042752 | 0.006440 | -6.638474 |
| $50,000 to $74,999 | 255,950 | 0.177924 |  | 234,976 | 234,976 | 0.172876 | 0.005048 | 0.010015 | 0.504088 |
| $75,000 to $99,999 | 234,437 | 0.162969 |  | 188,102 | 188,102 | 0.138390 | 0.024580 | 0.007480 | 3.286047 |
| $100,000 to $149,999 | 247,542 | 0.172079 |  | 226,765 | 226,765 | 0.166835 | 0.005245 | 0.007817 | 0.670919 |
| $150,000 or more | 255,919 | 0.177903 |  | 203,077 | 203,077 | 0.149407 | 0.028496 | 0.008504 | 3.350839 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 198,450 | 0.108438 |  | 279,399 | 279,399 | 0.116500 | -0.008062 | 0.006063 | -1.329638 |
| 12 years | 596,187 | 0.325771 |  | 685,158 | 685,158 | 0.285687 | 0.040084 | 0.009655 | 4.151681 |
| 1 to 3 years of college | 372,903 | 0.203763 |  | 590,151 | 590,151 | 0.246072 | -0.042309 | 0.007803 | -5.422126 |
| 4 years of college | 359,658 | 0.196526 |  | 476,316 | 476,316 | 0.198607 | -0.002081 | 0.006269 | -0.331957 |
| 5 years or more of college | 302,880 | 0.165501 |  | 367,259 | 367,259 | 0.153134 | 0.012367 | 0.006988 | 1.769749 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Connecticut: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 107,922 | 0.038802 | 0.002768 | 0.003302 | 0.838334 |
| 18 to 24 years old | 307,351 | 0.110503 | -0.004584 | 0.008825 | -0.519385 |
| 25 to 34 years old | 491,700 | 0.176782 | 0.030246 | 0.010471 | 2.888559 |
| 35 to 44 years old | 437,654 | 0.157351 | -0.011225 | 0.007252 | -1.547826 |
| 45 to 54 years old | 519,695 | 0.186848 | -0.016195 | 0.006340 | -2.554344 |
| 55 to 64 years old | 446,561 | 0.160553 | 0.002599 | 0.006963 | 0.373239 |
| 65 years and older | 470,502 | 0.169161 | -0.003610 | 0.006895 | -0.523597 |
| 65 to 74 years old | 282,415 | 0.101538 | 0.011359 | 0.005695 | 1.994492 |
| 75 and older | 188,086 | 0.067623 | -0.014969 | 0.003937 | -3.802183 |
| **Sex:** |  |  |  |  |  |
| Male | 1,305,234 | 0.469275 | -0.008807 | 0.006197 | -1.421094 |
| Female | 1,476,150 | 0.530725 | 0.008807 | 0.006197 | 1.421094 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 357,820 | 0.128648 | 0.010759 | 0.011246 | 0.956691 |
| Non-Hispanic | 2,423,564 | 0.871352 | -0.010759 | 0.011246 | -0.956691 |
| **Race:** |  |  |  |  |  |
| White | 2,215,768 | 0.796642 | -0.045133 | 0.013322 | -3.387858 |
| African American | 204,056 | 0.073365 | -0.027631 | 0.009533 | -2.898462 |
| Asian American | 101,011 | 0.036317 | -0.002353 | 0.005334 | -0.441105 |
| All Others | 260,550 | 0.093676 | 0.075117 | 0.009380 | 8.008202 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 309,627 | 0.141792 | -0.035913 | 0.009299 | -3.862017 |
| $25,000 to $34,999 | 193,458 | 0.088593 | 0.009406 | 0.006150 | 1.529507 |
| $35,000 to $49,999 | 157,583 | 0.072164 | -0.043436 | 0.006467 | -6.716546 |
| $50,000 to $74,999 | 386,714 | 0.177094 | 0.004218 | 0.010045 | 0.419908 |
| $75,000 to $99,999 | 358,180 | 0.164027 | 0.025637 | 0.007510 | 3.413711 |
| $100,000 to $149,999 | 376,330 | 0.172339 | 0.005504 | 0.007817 | 0.704061 |
| $150,000 or more | 401,775 | 0.183991 | 0.034584 | 0.009667 | 3.577504 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 295,382 | 0.106200 | -0.010300 | 0.006461 | -1.594178 |
| 12 years | 900,549 | 0.323777 | 0.038090 | 0.009859 | 3.863505 |
| 1 to 3 years of college | 564,667 | 0.203016 | -0.043056 | 0.007836 | -5.494616 |
| 4 years of college | 552,496 | 0.198641 | 0.000034 | 0.006607 | 0.005073 |
| 5 years or more of college | 468,291 | 0.168366 | 0.015232 | 0.007551 | 2.017214 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Delaware: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 9,697 | 0.019545 | 24,377 |  | 24,377 | 0.034654 | -0.015108 | 0.002168 | -6.968819 |
| 18 to 24 years old | 43,788 | 0.088260 | 88,216 |  | 88,216 | 0.125406 | -0.037146 | 0.006297 | -5.899032 |
| 25 to 34 years old | 94,091 | 0.189651 | 108,279 |  | 108,279 | 0.153927 | 0.035724 | 0.019312 | 1.849846 |
| 35 to 44 years old | 72,934 | 0.147007 | 113,143 |  | 113,143 | 0.160842 | -0.013835 | 0.008195 | -1.688192 |
| 45 to 54 years old | 80,903 | 0.163069 | 132,077 |  | 132,077 | 0.187758 | -0.024688 | 0.008399 | -2.939453 |
| 55 to 64 years old | 116,244 | 0.234303 | 111,207 |  | 111,207 | 0.158090 | 0.076214 | 0.011570 | 6.587192 |
| 65 years and older | 78,469 | 0.158163 | 126,144 |  | 126,144 | 0.179324 | -0.021160 | 0.006865 | -3.082338 |
| 65 to 74 years old | 49,680 | 0.100136 | 72,351 |  | 72,351 | 0.102853 | -0.002717 | 0.006034 | -0.450254 |
| 75 and older | 28,788 | 0.058026 | 53,793 |  | 53,793 | 0.076471 | -0.018445 | 0.003958 | -4.660291 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 229,280 | 0.462140 | 332,545 |  | 332,545 | 0.472739 | -0.010599 | 0.005599 | -1.893079 |
| Female | 266,847 | 0.537860 | 370,898 |  | 370,898 | 0.527261 | 0.010599 | 0.005599 | 1.893079 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 24,192 | 0.048762 | 48,552 |  | 48,552 | 0.069021 | -0.020259 | 0.006692 | -3.027318 |
| Non-Hispanic | 471,935 | 0.951238 | 654,891 |  | 654,891 | 0.930979 | 0.020259 | 0.006692 | 3.027318 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 390,179 | 0.786451 | 523,068 |  | 523,068 | 0.743583 | 0.042869 | 0.011865 | 3.613046 |
| African American | 76,423 | 0.154039 | 142,554 |  | 142,554 | 0.202652 | -0.048612 | 0.010319 | -4.710952 |
| Asian American | 13,433 | 0.027076 | 23,142 |  | 23,142 | 0.032898 | -0.005822 | 0.003965 | -1.468450 |
| All Others | 16,091 | 0.032433 | 14,679 |  | 14,679 | 0.020867 | 0.011566 | 0.004278 | 2.703584 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 59,143 | 0.159275 |  | 63,674 | 63,674 | 0.191998 | -0.032723 | 0.008003 | -4.088869 |
| $25,000 to $34,999 | 32,433 | 0.087344 |  | 32,928 | 32,928 | 0.099289 | -0.011945 | 0.006177 | -1.933816 |
| $35,000 to $49,999 | 34,381 | 0.092590 |  | 46,063 | 46,063 | 0.138895 | -0.046305 | 0.006247 | -7.412430 |
| $50,000 to $74,999 | 53,852 | 0.145026 |  | 65,501 | 65,501 | 0.197507 | -0.052481 | 0.007798 | -6.730074 |
| $75,000 to $99,999 | 87,748 | 0.236309 |  | 45,734 | 45,734 | 0.137903 | 0.098406 | 0.019417 | 5.068047 |
| $100,000 to $149,999 | 51,130 | 0.137695 |  | 47,732 | 47,732 | 0.143928 | -0.006232 | 0.008481 | -0.734847 |
| $150,000 or more | 52,640 | 0.141762 |  | 30,007 | 30,007 | 0.090481 | 0.051281 | 0.008821 | 5.813505 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 49,346 | 0.099463 |  | 76,146 | 76,146 | 0.129521 | -0.030059 | 0.006399 | -4.697411 |
| 12 years | 199,073 | 0.401255 |  | 189,132 | 189,132 | 0.321706 | 0.079549 | 0.016920 | 4.701465 |
| 1 to 3 years of college | 100,749 | 0.203071 |  | 159,974 | 159,974 | 0.272110 | -0.069038 | 0.010447 | -6.608416 |
| 4 years of college | 83,989 | 0.169290 |  | 97,543 | 97,543 | 0.165917 | 0.003373 | 0.008198 | 0.411421 |
| 5 years or more of college | 62,969 | 0.126921 |  | 65,108 | 65,108 | 0.110746 | 0.016175 | 0.007381 | 2.191468 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Delaware: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 13,831 | 0.019793 | -0.014861 | 0.002181 | -6.813742 |
| 18 to 24 years old | 62,556 | 0.089522 | -0.035884 | 0.006418 | -5.591197 |
| 25 to 34 years old | 130,448 | 0.186680 | 0.032752 | 0.019484 | 1.680992 |
| 35 to 44 years old | 103,601 | 0.148260 | -0.012582 | 0.008280 | -1.519556 |
| 45 to 54 years old | 114,453 | 0.163790 | -0.023968 | 0.008420 | -2.846577 |
| 55 to 64 years old | 163,459 | 0.233921 | 0.075831 | 0.011579 | 6.549009 |
| 65 years and older | 110,432 | 0.158035 | -0.021288 | 0.006867 | -3.100082 |
| 65 to 74 years old | 69,825 | 0.099924 | -0.002929 | 0.006040 | -0.484856 |
| 75 and older | 40,607 | 0.058111 | -0.018360 | 0.003958 | -4.638639 |
| **Sex:** |  |  |  |  |  |
| Male | 322,354 | 0.461310 | -0.011429 | 0.005653 | -2.021708 |
| Female | 376,425 | 0.538690 | 0.011429 | 0.005653 | 2.021708 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 33,948 | 0.048582 | -0.020439 | 0.006694 | -3.053277 |
| Non-Hispanic | 664,831 | 0.951418 | 0.020439 | 0.013056 | 1.565459 |
| **Race:** |  |  |  |  |  |
| White | 545,727 | 0.780972 | 0.037390 | 0.013056 | 2.863787 |
| African American | 110,516 | 0.158156 | -0.044496 | 0.011100 | -4.008644 |
| Asian American | 19,203 | 0.027481 | -0.005417 | 0.003986 | -1.359106 |
| All Others | 23,333 | 0.033391 | 0.012524 | 0.004382 | 2.857996 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 84,817 | 0.162236 | -0.029762 | 0.008291 | -3.589700 |
| $25,000 to $34,999 | 45,968 | 0.087926 | -0.011362 | 0.006187 | -1.836480 |
| $35,000 to $49,999 | 48,387 | 0.092553 | -0.046342 | 0.006248 | -7.417033 |
| $50,000 to $74,999 | 75,774 | 0.144939 | -0.052568 | 0.007800 | -6.739540 |
| $75,000 to $99,999 | 121,774 | 0.232926 | 0.095023 | 0.019548 | 4.861016 |
| $100,000 to $149,999 | 72,238 | 0.138175 | -0.005753 | 0.008486 | -0.677897 |
| $150,000 or more | 73,843 | 0.141245 | 0.050764 | 0.008833 | 5.747089 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 69,549 | 0.099529 | -0.029992 | 0.006399 | -4.686989 |
| 12 years | 279,197 | 0.399550 | 0.077844 | 0.016981 | 4.584162 |
| 1 to 3 years of college | 142,394 | 0.203775 | -0.068334 | 0.010463 | -6.531021 |
| 4 years of college | 118,509 | 0.169594 | 0.003678 | 0.008202 | 0.448374 |
| 5 years or more of college | 89,130 | 0.127551 | 0.016805 | 0.007403 | 2.270012 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Florida: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 313,324 | 0.029906 | 477,884 |  | 477,884 | 0.031845 | -0.001939 | 0.002359 | -0.822111 |
| 18 to 24 years old | 974,219 | 0.092987 | 1,685,180 |  | 1,685,180 | 0.112298 | -0.019311 | 0.004905 | -3.936946 |
| 25 to 34 years old | 1,628,260 | 0.155414 | 2,219,046 |  | 2,219,046 | 0.147874 | 0.007540 | 0.006380 | 1.181830 |
| 35 to 44 years old | 1,832,538 | 0.174912 | 2,366,733 |  | 2,366,733 | 0.157716 | 0.017196 | 0.006016 | 2.858434 |
| 45 to 54 years old | 2,212,168 | 0.211147 | 2,706,902 |  | 2,706,902 | 0.180384 | 0.030763 | 0.007287 | 4.221609 |
| 55 to 64 years old | 1,630,228 | 0.155602 | 2,336,578 |  | 2,336,578 | 0.155706 | -0.000104 | 0.005502 | -0.018945 |
| 65 years and older | 1,886,185 | 0.180032 | 3,214,018 |  | 3,214,018 | 0.214177 | -0.034145 | 0.006244 | -5.468444 |
| 65 to 74 years old | 963,776 | 0.091990 | 1,727,387 |  | 1,727,387 | 0.115110 | -0.023120 | 0.004089 | -5.654218 |
| 75 and older | 922,409 | 0.088042 | 1,486,631 |  | 1,486,631 | 0.099067 | -0.011025 | 0.004629 | -2.381696 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 4,922,590 | 0.469851 | 7,171,394 |  | 7,171,394 | 0.477891 | -0.008040 | 0.005601 | -1.435465 |
| Female | 5,554,330 | 0.530149 | 7,834,947 |  | 7,834,947 | 0.522109 | 0.008040 | 0.005601 | 1.435465 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 2,479,491 | 0.236662 | 3,230,132 |  | 3,230,132 | 0.215251 | 0.021411 | 0.010150 | 2.109462 |
| Non-Hispanic | 7,997,430 | 0.763338 | 11,776,209 |  | 11,776,209 | 0.784749 | -0.021411 | 0.010150 | -2.109462 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 7,796,280 | 0.744138 | 12,147,232 |  | 12,147,232 | 0.809473 | -0.065335 | 0.008944 | -7.304875 |
| African American | 1,244,908 | 0.118824 | 2,204,823 |  | 2,204,823 | 0.146926 | -0.028102 | 0.006000 | -4.683708 |
| Asian American | 310,532 | 0.029640 | 382,057 |  | 382,057 | 0.025460 | 0.004180 | 0.003131 | 1.335011 |
| All Others | 1,125,201 | 0.107398 | 272,229 |  | 272,229 | 0.018141 | 0.089257 | 0.008092 | 11.030293 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 2,080,851 | 0.255045 |  | 1,768,715 | 1,768,715 | 0.247274 | 0.007771 | 0.008370 | 0.928391 |
| $25,000 to $34,999 | 1,013,327 | 0.124201 |  | 844,508 | 844,508 | 0.118066 | 0.006135 | 0.005294 | 1.158870 |
| $35,000 to $49,999 | 1,235,852 | 0.151475 |  | 1,114,103 | 1,114,103 | 0.155757 | -0.004281 | 0.006981 | -0.613261 |
| $50,000 to $74,999 | 1,202,306 | 0.147364 |  | 1,351,814 | 1,351,814 | 0.188990 | -0.041626 | 0.006585 | -6.321322 |
| $75,000 to $99,999 | 1,026,785 | 0.125851 |  | 820,638 | 820,638 | 0.114729 | 0.011122 | 0.007080 | 1.570863 |
| $100,000 to $149,999 | 858,174 | 0.105184 |  | 751,498 | 751,498 | 0.105063 | 0.000122 | 0.006469 | 0.018788 |
| $150,000 or more | 741,465 | 0.090880 |  | 501,568 | 501,568 | 0.070121 | 0.020758 | 0.005540 | 3.746957 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 1,253,141 | 0.119610 |  | 1,880,402 | 1,880,402 | 0.147039 | -0.027429 | 0.005908 | -4.642720 |
| 12 years | 3,901,029 | 0.372345 |  | 3,868,678 | 3,868,678 | 0.302513 | 0.069832 | 0.008741 | 7.989018 |
| 1 to 3 years of college | 2,449,244 | 0.233775 |  | 3,725,980 | 3,725,980 | 0.291355 | -0.057579 | 0.007492 | -7.685460 |
| 4 years of college | 1,828,359 | 0.174513 |  | 2,144,046 | 2,144,046 | 0.167655 | 0.006858 | 0.007003 | 0.979350 |
| 5 years or more of college | 1,045,149 | 0.099757 |  | 1,169,365 | 1,169,365 | 0.091439 | 0.008318 | 0.004583 | 1.815024 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Florida: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 441,345 | 0.029710 | -0.002136 | 0.002366 | -0.902744 |
| 18 to 24 years old | 1,381,308 | 0.092984 | -0.019314 | 0.004905 | -3.937561 |
| 25 to 34 years old | 2,303,936 | 0.155092 | 0.007218 | 0.006388 | 1.129909 |
| 35 to 44 years old | 2,596,782 | 0.174805 | 0.017089 | 0.006017 | 2.840193 |
| 45 to 54 years old | 3,141,378 | 0.211465 | 0.031081 | 0.007295 | 4.260605 |
| 55 to 64 years old | 2,314,012 | 0.155770 | 0.000064 | 0.005503 | 0.011626 |
| 65 years and older | 2,676,549 | 0.180175 | -0.034003 | 0.006246 | -5.443926 |
| 65 to 74 years old | 1,368,296 | 0.092108 | -0.023002 | 0.004090 | -5.624025 |
| 75 and older | 1,308,252 | 0.088066 | -0.011001 | 0.004629 | -2.376446 |
| **Sex:** |  |  |  |  |  |
| Male | 6,978,175 | 0.469743 | -0.008148 | 0.005602 | -1.454494 |
| Female | 7,877,134 | 0.530257 | 0.008148 | 0.005602 | 1.454494 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 3,517,105 | 0.236757 | 0.021506 | 0.010150 | 2.118848 |
| Non-Hispanic | 11,338,204 | 0.763243 | -0.021506 | 0.010150 | -2.118848 |
| **Race:** |  |  |  |  |  |
| White | 11,053,214 | 0.744058 | -0.065415 | 0.008945 | -7.313036 |
| African American | 1,768,234 | 0.119030 | -0.027896 | 0.006004 | -4.646177 |
| Asian American | 441,540 | 0.029723 | 0.004263 | 0.003132 | 1.361112 |
| All Others | 1,592,321 | 0.107189 | 0.089048 | 0.008094 | 11.001699 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 2,932,507 | 0.253271 | 0.005997 | 0.008457 | 0.709102 |
| $25,000 to $34,999 | 1,446,240 | 0.124907 | 0.006841 | 0.005329 | 1.283745 |
| $35,000 to $49,999 | 1,759,968 | 0.152003 | -0.003754 | 0.007001 | -0.536186 |
| $50,000 to $74,999 | 1,701,249 | 0.146931 | -0.042058 | 0.006589 | -6.383106 |
| $75,000 to $99,999 | 1,458,663 | 0.125980 | 0.011251 | 0.007082 | 1.588696 |
| $100,000 to $149,999 | 1,223,213 | 0.105645 | 0.000582 | 0.006483 | 0.089799 |
| $150,000 or more | 1,056,683 | 0.091262 | 0.021141 | 0.005553 | 3.807105 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,775,283 | 0.119505 | -0.027534 | 0.005909 | -4.659653 |
| 12 years | 5,522,947 | 0.371783 | 0.069270 | 0.008757 | 7.910216 |
| 1 to 3 years of college | 3,477,321 | 0.234079 | -0.057275 | 0.007498 | -7.638739 |
| 4 years of college | 2,593,593 | 0.174590 | 0.006936 | 0.007003 | 0.990391 |
| 5 years or more of college | 1,486,165 | 0.100043 | 0.008604 | 0.004591 | 1.874033 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Georgia: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 145,140 | 0.027366 | 278,872 |  | 278,872 | 0.038192 | -0.010827 | 0.003852 | -2.810694 |
| 18 to 24 years old | 581,836 | 0.109703 | 931,644 |  | 931,644 | 0.127592 | -0.017889 | 0.013111 | -1.364392 |
| 25 to 34 years old | 1,196,098 | 0.225520 | 1,280,119 |  | 1,280,119 | 0.175317 | 0.050204 | 0.015497 | 3.239574 |
| 35 to 44 years old | 1,140,190 | 0.214979 | 1,356,992 |  | 1,356,992 | 0.185845 | 0.029134 | 0.015791 | 1.845001 |
| 45 to 54 years old | 954,273 | 0.179925 | 1,372,599 |  | 1,372,599 | 0.187982 | -0.008057 | 0.011141 | -0.723190 |
| 55 to 64 years old | 699,278 | 0.131847 | 1,070,421 |  | 1,070,421 | 0.146598 | -0.014751 | 0.007667 | -1.923989 |
| 65 years and older | 586,912 | 0.110660 | 1,011,109 |  | 1,011,109 | 0.138475 | -0.027814 | 0.009206 | -3.021342 |
| 65 to 74 years old | 388,042 | 0.073164 | 605,673 |  | 605,673 | 0.082949 | -0.009785 | 0.006460 | -1.514695 |
| 75 and older | 198,870 | 0.037496 | 405,436 |  | 405,436 | 0.055526 | -0.018030 | 0.004365 | -4.130481 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 2,694,930 | 0.508120 | 3,454,519 |  | 3,454,519 | 0.473108 | 0.035012 | 0.009434 | 3.711254 |
| Female | 2,608,798 | 0.491880 | 3,847,237 |  | 3,847,237 | 0.526892 | -0.035012 | 0.009434 | -3.711254 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 609,721 | 0.114961 | 553,398 |  | 553,398 | 0.075790 | 0.039171 | 0.018834 | 2.079809 |
| Non-Hispanic | 4,694,007 | 0.885039 | 6,748,358 |  | 6,748,358 | 0.924210 | -0.039171 | 0.018834 | -2.079809 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 3,159,853 | 0.595780 | 4,765,737 |  | 4,765,737 | 0.652684 | -0.056904 | 0.020464 | -2.780686 |
| African American | 1,371,972 | 0.258681 | 2,154,273 |  | 2,154,273 | 0.295035 | -0.036354 | 0.018444 | -1.971058 |
| Asian American | 178,793 | 0.033711 | 251,023 |  | 251,023 | 0.034378 | -0.000668 | 0.007117 | -0.093806 |
| All Others | 593,109 | 0.111829 | 130,723 |  | 130,723 | 0.017903 | 0.093926 | 0.017915 | 5.242856 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 1,275,413 | 0.290247 |  | 871,158 | 871,158 | 0.251148 | 0.039099 | 0.014800 | 2.641827 |
| $25,000 to $34,999 | 474,504 | 0.107983 |  | 380,749 | 380,749 | 0.109767 | -0.001784 | 0.011187 | -0.159434 |
| $35,000 to $49,999 | 583,015 | 0.132677 |  | 501,541 | 501,541 | 0.144590 | -0.011913 | 0.013136 | -0.906898 |
| $50,000 to $74,999 | 649,798 | 0.147875 |  | 645,399 | 645,399 | 0.186063 | -0.038188 | 0.013666 | -2.794399 |
| $75,000 to $99,999 | 550,170 | 0.125203 |  | 414,254 | 414,254 | 0.119426 | 0.005777 | 0.014539 | 0.397316 |
| $100,000 to $149,999 | 542,557 | 0.123470 |  | 393,557 | 393,557 | 0.113459 | 0.010011 | 0.011821 | 0.846871 |
| $150,000 or more | 318,776 | 0.072544 |  | 262,046 | 262,046 | 0.075546 | -0.003002 | 0.009198 | -0.326334 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 1,020,737 | 0.192457 |  | 999,844 | 999,844 | 0.165198 | 0.027259 | 0.016421 | 1.659999 |
| 12 years | 1,801,248 | 0.339619 |  | 1,792,051 | 1,792,051 | 0.296089 | 0.043530 | 0.013560 | 3.210206 |
| 1 to 3 years of college | 1,198,264 | 0.225929 |  | 1,613,469 | 1,613,469 | 0.266583 | -0.040654 | 0.012087 | -3.363471 |
| 4 years of college | 793,503 | 0.149612 |  | 1,061,551 | 1,061,551 | 0.175393 | -0.025781 | 0.010512 | -2.452511 |
| 5 years or more of college | 489,976 | 0.092383 |  | 585,495 | 585,495 | 0.096737 | -0.004354 | 0.008044 | -0.541295 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Georgia: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 202,995 | 0.027213 | -0.010979 | 0.003855 | -2.848067 |
| 18 to 24 years old | 812,841 | 0.108968 | -0.018624 | 0.013129 | -1.418518 |
| 25 to 34 years old | 1,679,924 | 0.225208 | 0.049891 | 0.015500 | 3.218781 |
| 35 to 44 years old | 1,597,928 | 0.214215 | 0.028371 | 0.015802 | 1.795396 |
| 45 to 54 years old | 1,352,132 | 0.181264 | -0.006718 | 0.011215 | -0.598981 |
| 55 to 64 years old | 980,485 | 0.131442 | -0.015156 | 0.007683 | -1.972619 |
| 65 years and older | 833,138 | 0.111689 | -0.026786 | 0.009258 | -2.893253 |
| 65 to 74 years old | 549,273 | 0.073635 | -0.009314 | 0.006474 | -1.438734 |
| 75 and older | 283,865 | 0.038054 | -0.017471 | 0.004400 | -3.970766 |
| **Sex:** |  |  |  |  |  |
| Male | 3,797,045 | 0.509025 | 0.035917 | 0.009482 | 3.787952 |
| Female | 3,662,397 | 0.490975 | -0.035917 | 0.009482 | -3.787952 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 858,654 | 0.115110 | 0.039320 | 0.018836 | 2.087490 |
| Non-Hispanic | 6,600,788 | 0.884890 | -0.039320 | 0.018836 | -2.087490 |
| **Race:** |  |  |  |  |  |
| White | 4,496,955 | 0.602854 | -0.049830 | 0.021620 | -2.304792 |
| African American | 1,871,422 | 0.250880 | -0.044155 | 0.020048 | -2.202479 |
| Asian American | 251,595 | 0.033728 | -0.000650 | 0.007117 | -0.091337 |
| All Others | 839,470 | 0.112538 | 0.094635 | 0.017936 | 5.276258 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,783,346 | 0.288552 | 0.037404 | 0.014871 | 2.515248 |
| $25,000 to $34,999 | 669,982 | 0.108406 | -0.001361 | 0.011193 | -0.121618 |
| $35,000 to $49,999 | 825,932 | 0.133639 | -0.010951 | 0.013153 | -0.832612 |
| $50,000 to $74,999 | 916,997 | 0.148374 | -0.037690 | 0.013672 | -2.756715 |
| $75,000 to $99,999 | 777,070 | 0.125733 | 0.006307 | 0.014548 | 0.433513 |
| $100,000 to $149,999 | 761,134 | 0.123154 | 0.009695 | 0.011826 | 0.819806 |
| $150,000 or more | 445,862 | 0.072142 | -0.003404 | 0.009204 | -0.369797 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,431,988 | 0.191970 | 0.026772 | 0.016423 | 1.630166 |
| 12 years | 2,540,789 | 0.340614 | 0.044525 | 0.013583 | 3.277997 |
| 1 to 3 years of college | 1,684,793 | 0.225860 | -0.040722 | 0.012087 | -3.369108 |
| 4 years of college | 1,115,218 | 0.149504 | -0.025889 | 0.010513 | -2.462558 |
| 5 years or more of college | 686,653 | 0.092052 | -0.004686 | 0.008052 | -0.581963 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Illinois: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 221,188 | 0.034405 | 368,129 |  | 368,129 | 0.037199 | -0.002794 | 0.003100 | -0.901428 |
| 18 to 24 years old | 618,692 | 0.096235 | 1,212,731 |  | 1,212,731 | 0.122545 | -0.026311 | 0.006728 | -3.910668 |
| 25 to 34 years old | 1,122,447 | 0.174591 | 1,744,217 |  | 1,744,217 | 0.176252 | -0.001661 | 0.009461 | -0.175518 |
| 35 to 44 years old | 1,245,595 | 0.193746 | 1,696,228 |  | 1,696,228 | 0.171402 | 0.022344 | 0.008321 | 2.685223 |
| 45 to 54 years old | 1,216,740 | 0.189258 | 1,848,672 |  | 1,848,672 | 0.186807 | 0.002451 | 0.007149 | 0.342866 |
| 55 to 64 years old | 1,033,729 | 0.160791 | 1,473,559 |  | 1,473,559 | 0.148902 | 0.011890 | 0.006892 | 1.725123 |
| 65 years and older | 970,612 | 0.150974 | 1,552,634 |  | 1,552,634 | 0.156892 | -0.005918 | 0.005770 | -1.025730 |
| 65 to 74 years old | 612,982 | 0.095346 | 842,866 |  | 842,866 | 0.085171 | 0.010175 | 0.005063 | 2.009762 |
| 75 and older | 357,629 | 0.055627 | 709,768 |  | 709,768 | 0.071721 | -0.016094 | 0.003370 | -4.775680 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 3,115,708 | 0.484633 | 4,767,400 |  | 4,767,400 | 0.481742 | 0.002891 | 0.007596 | 0.380635 |
| Female | 3,313,294 | 0.515367 | 5,128,770 |  | 5,128,770 | 0.518258 | -0.002891 | 0.007596 | -0.380635 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 875,714 | 0.136213 | 1,369,219 |  | 1,369,219 | 0.138358 | -0.002145 | 0.013451 | -0.159499 |
| Non-Hispanic | 5,553,288 | 0.863787 | 8,526,951 |  | 8,526,951 | 0.861642 | 0.002145 | 0.013451 | 0.159499 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 4,796,429 | 0.746061 | 7,880,077 |  | 7,880,077 | 0.796275 | -0.050214 | 0.013132 | -3.823806 |
| African American | 618,593 | 0.096219 | 1,370,952 |  | 1,370,952 | 0.138534 | -0.042314 | 0.007546 | -5.607535 |
| Asian American | 212,668 | 0.033079 | 481,286 |  | 481,286 | 0.048634 | -0.015554 | 0.004888 | -3.182097 |
| All Others | 801,312 | 0.124640 | 163,855 |  | 163,855 | 0.016557 | 0.108083 | 0.012815 | 8.434083 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 1,211,381 | 0.231010 |  | 1,040,534 | 1,040,534 | 0.218144 | 0.012866 | 0.012090 | 1.064214 |
| $25,000 to $34,999 | 622,546 | 0.118719 |  | 463,776 | 463,776 | 0.097229 | 0.021491 | 0.009315 | 2.307097 |
| $35,000 to $49,999 | 723,711 | 0.138011 |  | 644,024 | 644,024 | 0.135017 | 0.002995 | 0.008014 | 0.373660 |
| $50,000 to $74,999 | 777,917 | 0.148348 |  | 896,686 | 896,686 | 0.187986 | -0.039638 | 0.006363 | -6.229443 |
| $75,000 to $99,999 | 802,864 | 0.153106 |  | 630,368 | 630,368 | 0.132154 | 0.020952 | 0.012133 | 1.726851 |
| $100,000 to $149,999 | 643,060 | 0.122631 |  | 642,112 | 642,112 | 0.134616 | -0.011985 | 0.007598 | -1.577357 |
| $150,000 or more | 462,370 | 0.088174 |  | 452,451 | 452,451 | 0.094854 | -0.006681 | 0.006804 | -0.981871 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 855,970 | 0.133142 |  | 1,151,003 | 1,151,003 | 0.137911 | -0.004769 | 0.008270 | -0.576668 |
| 12 years | 2,123,367 | 0.330279 |  | 2,324,361 | 2,324,361 | 0.278501 | 0.051779 | 0.010882 | 4.758212 |
| 1 to 3 years of college | 1,553,985 | 0.241715 |  | 2,343,734 | 2,343,734 | 0.280822 | -0.039107 | 0.009093 | -4.300780 |
| 4 years of college | 1,073,081 | 0.166913 |  | 1,573,705 | 1,573,705 | 0.188558 | -0.021646 | 0.007996 | -2.707084 |
| 5 years or more of college | 822,598 | 0.127951 |  | 953,179 | 953,179 | 0.114208 | 0.013743 | 0.006950 | 1.977411 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Illinois: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 344,737 | 0.034516 | -0.002683 | 0.003103 | -0.864660 |
| 18 to 24 years old | 962,673 | 0.096386 | -0.026160 | 0.006731 | -3.886464 |
| 25 to 34 years old | 1,749,591 | 0.175174 | -0.001077 | 0.009480 | -0.113654 |
| 35 to 44 years old | 1,934,173 | 0.193655 | 0.022253 | 0.008322 | 2.673962 |
| 45 to 54 years old | 1,883,257 | 0.188557 | 0.001751 | 0.007183 | 0.243702 |
| 55 to 64 years old | 1,609,408 | 0.161139 | 0.012237 | 0.006898 | 1.773963 |
| 65 years and older | 1,503,877 | 0.150573 | -0.006320 | 0.005786 | -1.092249 |
| 65 to 74 years old | 949,681 | 0.095085 | 0.009914 | 0.005070 | 1.955419 |
| 75 and older | 554,196 | 0.055488 | -0.016234 | 0.003374 | -4.811418 |
| **Sex:** |  |  |  |  |  |
| Male | 4,848,685 | 0.485465 | 0.003723 | 0.007644 | 0.487038 |
| Female | 5,139,031 | 0.514535 | -0.003723 | 0.007644 | -0.487038 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 1,380,367 | 0.138206 | -0.000152 | 0.013620 | -0.011160 |
| Non-Hispanic | 8,607,349 | 0.861794 | 0.000152 | 0.013620 | 0.011160 |
| **Race:** |  |  |  |  |  |
| White | 7,394,078 | 0.740317 | -0.055958 | 0.014393 | -3.887878 |
| African American | 989,246 | 0.099046 | -0.039487 | 0.008063 | -4.897349 |
| Asian American | 337,667 | 0.033808 | -0.014825 | 0.004944 | -2.998651 |
| All Others | 1,266,725 | 0.126828 | 0.110271 | 0.013022 | 8.468045 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,910,384 | 0.234314 | 0.016171 | 0.012427 | 1.301268 |
| $25,000 to $34,999 | 961,543 | 0.117936 | 0.020707 | 0.009330 | 2.219453 |
| $35,000 to $49,999 | 1,125,953 | 0.138102 | 0.003085 | 0.008016 | 0.384812 |
| $50,000 to $74,999 | 1,197,763 | 0.146909 | -0.041077 | 0.006458 | -6.360661 |
| $75,000 to $99,999 | 1,246,352 | 0.152869 | 0.020715 | 0.012132 | 1.707458 |
| $100,000 to $149,999 | 993,102 | 0.121807 | -0.012809 | 0.007625 | -1.679880 |
| $150,000 or more | 717,983 | 0.088063 | -0.006792 | 0.006804 | -0.998183 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,330,041 | 0.133168 | -0.004743 | 0.008270 | -0.573561 |
| 12 years | 3,301,263 | 0.330532 | 0.052032 | 0.010886 | 4.779692 |
| 1 to 3 years of college | 2,410,963 | 0.241393 | -0.039429 | 0.009101 | -4.332382 |
| 4 years of college | 1,662,202 | 0.166425 | -0.022134 | 0.008012 | -2.762576 |
| 5 years or more of college | 1,283,247 | 0.128483 | 0.014274 | 0.006969 | 2.048271 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Kentucky: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 81,264 | 0.034349 | 115,523 |  | 115,523 | 0.034492 | -0.000143 | 0.004732 | -0.030200 |
| 18 to 24 years old | 177,033 | 0.074830 | 400,094 |  | 400,094 | 0.119458 | -0.044628 | 0.007654 | -5.830681 |
| 25 to 34 years old | 644,886 | 0.272585 | 542,466 |  | 542,466 | 0.161966 | 0.110619 | 0.021238 | 5.208531 |
| 35 to 44 years old | 286,945 | 0.121288 | 559,801 |  | 559,801 | 0.167142 | -0.045854 | 0.009248 | -4.958260 |
| 45 to 54 years old | 472,378 | 0.199668 | 634,404 |  | 634,404 | 0.189416 | 0.010252 | 0.012704 | 0.806960 |
| 55 to 64 years old | 345,736 | 0.146138 | 539,086 |  | 539,086 | 0.160957 | -0.014819 | 0.011740 | -1.262252 |
| 65 years and older | 357,575 | 0.151142 | 557,882 |  | 557,882 | 0.166569 | -0.015427 | 0.007455 | -2.069302 |
| 65 to 74 years old | 222,423 | 0.094015 | 322,600 |  | 322,600 | 0.096320 | -0.002305 | 0.007050 | -0.326893 |
| 75 and older | 135,151 | 0.057127 | 235,282 |  | 235,282 | 0.070249 | -0.013122 | 0.005719 | -2.294539 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,204,626 | 0.509179 | 1,608,848 |  | 1,608,848 | 0.480360 | 0.028820 | 0.006315 | 4.563685 |
| Female | 1,161,192 | 0.490821 | 1,740,408 |  | 1,740,408 | 0.519640 | -0.028820 | 0.006315 | -4.563685 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 36,913 | 0.015603 | 83,081 |  | 83,081 | 0.024806 | -0.009203 | 0.004439 | -2.073253 |
| Non-Hispanic | 2,328,905 | 0.984397 | 3,266,175 |  | 3,266,175 | 0.975194 | 0.009203 | 0.004439 | 2.073253 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,128,841 | 0.899834 | 3,026,825 |  | 3,026,825 | 0.903731 | -0.003897 | 0.015687 | -0.248412 |
| African American | 103,497 | 0.043747 | 241,260 |  | 241,260 | 0.072034 | -0.028287 | 0.007466 | -3.788783 |
| Asian American | 29,714 | 0.012560 | 37,515 |  | 37,515 | 0.011201 | 0.001359 | 0.006282 | 0.216289 |
| All Others | 103,764 | 0.043860 | 43,656 |  | 43,656 | 0.013035 | 0.030825 | 0.012432 | 2.479502 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 440,842 | 0.233395 |  | 521,120 | 521,120 | 0.310799 | -0.077405 | 0.014745 | -5.249561 |
| $25,000 to $34,999 | 235,379 | 0.124617 |  | 199,089 | 199,089 | 0.118738 | 0.005879 | 0.011279 | 0.521193 |
| $35,000 to $49,999 | 242,653 | 0.128468 |  | 251,851 | 251,851 | 0.150206 | -0.021738 | 0.013032 | -1.668049 |
| $50,000 to $74,999 | 393,543 | 0.208353 |  | 298,861 | 298,861 | 0.178243 | 0.030111 | 0.017608 | 1.710047 |
| $75,000 to $99,999 | 222,853 | 0.117985 |  | 182,013 | 182,013 | 0.108554 | 0.009431 | 0.013394 | 0.704132 |
| $100,000 to $149,999 | 222,309 | 0.117697 |  | 149,278 | 149,278 | 0.089030 | 0.028667 | 0.011097 | 2.583267 |
| $150,000 or more | 131,247 | 0.069486 |  | 74,496 | 74,496 | 0.044430 | 0.025056 | 0.008294 | 3.020991 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 491,220 | 0.207632 |  | 543,787 | 543,787 | 0.190402 | 0.017231 | 0.019170 | 0.898835 |
| 12 years | 855,583 | 0.361644 |  | 982,494 | 982,494 | 0.344010 | 0.017633 | 0.017353 | 1.016149 |
| 1 to 3 years of college | 437,981 | 0.185129 |  | 748,749 | 748,749 | 0.262167 | -0.077038 | 0.011007 | -6.999014 |
| 4 years of college | 290,650 | 0.122854 |  | 345,689 | 345,689 | 0.121040 | 0.001814 | 0.015757 | 0.115148 |
| 5 years or more of college | 290,384 | 0.122741 |  | 235,282 | 235,282 | 0.082382 | 0.040360 | 0.014067 | 2.869116 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Kentucky: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 118,446 | 0.035083 | 0.000591 | 0.004789 | 0.123449 |
| 18 to 24 years old | 252,331 | 0.074740 | -0.044718 | 0.007654 | -5.842425 |
| 25 to 34 years old | 919,704 | 0.272413 | 0.110447 | 0.021235 | 5.201192 |
| 35 to 44 years old | 411,217 | 0.121801 | -0.045341 | 0.009259 | -4.896934 |
| 45 to 54 years old | 675,975 | 0.200222 | 0.010805 | 0.012707 | 0.850341 |
| 55 to 64 years old | 493,015 | 0.146029 | -0.014927 | 0.011742 | -1.271286 |
| 65 years and older | 505,445 | 0.149711 | -0.016858 | 0.007614 | -2.214041 |
| 65 to 74 years old | 313,110 | 0.092742 | -0.003578 | 0.007178 | -0.498426 |
| 75 and older | 192,336 | 0.056969 | -0.013280 | 0.005723 | -2.320411 |
| **Sex:** |  |  |  |  |  |
| Male | 1,718,783 | 0.509098 | 0.028738 | 0.006315 | 4.550802 |
| Female | 1,657,350 | 0.490902 | -0.028738 | 0.006315 | -4.550802 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 51,245 | 0.015179 | -0.009627 | 0.004457 | -2.160018 |
| Non-Hispanic | 3,324,888 | 0.984821 | 0.009627 | 0.004457 | 2.160018 |
| **Race:** |  |  |  |  |  |
| White | 3,019,590 | 0.894393 | -0.009337 | 0.016606 | -0.562295 |
| African American | 164,555 | 0.048741 | -0.023293 | 0.008943 | -2.604633 |
| Asian American | 43,200 | 0.012796 | 0.001595 | 0.006287 | 0.253652 |
| All Others | 148,788 | 0.044071 | 0.031036 | 0.012434 | 2.496059 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 619,863 | 0.229822 | -0.080978 | 0.015007 | -5.396011 |
| $25,000 to $34,999 | 330,510 | 0.122541 | 0.003802 | 0.011380 | 0.334137 |
| $35,000 to $49,999 | 349,796 | 0.129691 | -0.020515 | 0.013079 | -1.568516 |
| $50,000 to $74,999 | 560,224 | 0.207710 | 0.029467 | 0.017614 | 1.672929 |
| $75,000 to $99,999 | 329,751 | 0.122259 | 0.013705 | 0.013831 | 0.990913 |
| $100,000 to $149,999 | 318,545 | 0.118104 | 0.029074 | 0.011103 | 2.618565 |
| $150,000 or more | 188,460 | 0.069874 | 0.025444 | 0.008298 | 3.066265 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 690,485 | 0.204519 | 0.014118 | 0.019428 | 0.726680 |
| 12 years | 1,225,588 | 0.363015 | 0.019005 | 0.017419 | 1.091046 |
| 1 to 3 years of college | 628,092 | 0.186039 | -0.076128 | 0.011030 | -6.901908 |
| 4 years of college | 416,361 | 0.123325 | 0.002285 | 0.015766 | 0.144951 |
| 5 years or more of college | 415,607 | 0.123101 | 0.040720 | 0.014071 | 2.893886 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Louisiana: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 91,542 | 0.042446 | 127,232 |  | 127,232 | 0.036931 | 0.005515 | 0.005482 | 1.005936 |
| 18 to 24 years old | 225,587 | 0.104600 | 457,456 |  | 457,456 | 0.132785 | -0.028185 | 0.009715 | -2.901228 |
| 25 to 34 years old | 322,443 | 0.149510 | 602,239 |  | 602,239 | 0.174811 | -0.025301 | 0.009172 | -2.758549 |
| 35 to 44 years old | 327,351 | 0.151785 | 543,879 |  | 543,879 | 0.157871 | -0.006086 | 0.016828 | -0.361636 |
| 45 to 54 years old | 473,908 | 0.219741 | 640,356 |  | 640,356 | 0.185875 | 0.033865 | 0.012027 | 2.815779 |
| 55 to 64 years old | 352,462 | 0.163429 | 534,028 |  | 534,028 | 0.155012 | 0.008417 | 0.015713 | 0.535687 |
| 65 years and older | 363,377 | 0.168490 | 539,895 |  | 539,895 | 0.156715 | 0.011775 | 0.015548 | 0.757350 |
| 65 to 74 years old | 173,699 | 0.080540 | 308,831 |  | 308,831 | 0.089644 | -0.009104 | 0.006702 | -1.358337 |
| 75 and older | 189,678 | 0.087949 | 231,064 |  | 231,064 | 0.067071 | 0.020879 | 0.011717 | 1.781928 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,063,218 | 0.492991 | 1,634,322 |  | 1,634,322 | 0.474392 | 0.018598 | 0.011728 | 1.585816 |
| Female | 1,093,451 | 0.507009 | 1,810,763 |  | 1,810,763 | 0.525608 | -0.018598 | 0.011728 | -1.585816 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 106,383 | 0.049327 | 140,240 |  | 140,240 | 0.040707 | 0.008620 | 0.008460 | 1.018935 |
| Non-Hispanic | 2,050,286 | 0.950673 | 3,304,845 |  | 3,304,845 | 0.959293 | -0.008620 | 0.008460 | -1.018935 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 1,376,142 | 0.638087 | 2,292,416 |  | 2,292,416 | 0.665416 | -0.027329 | 0.026670 | -1.024721 |
| African American | 717,982 | 0.332913 | 1,036,317 |  | 1,036,317 | 0.300810 | 0.032102 | 0.026768 | 1.199280 |
| Asian American | 16,854 | 0.007815 | 57,166 |  | 57,166 | 0.016593 | -0.008779 | 0.002380 | -3.688513 |
| All Others | 45,690 | 0.021185 | 59,186 |  | 59,186 | 0.017180 | 0.004006 | 0.003868 | 1.035579 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 464,875 | 0.294317 |  | 494,468 | 494,468 | 0.301291 | -0.006974 | 0.016823 | -0.414560 |
| $25,000 to $34,999 | 220,950 | 0.139886 |  | 186,360 | 186,360 | 0.113553 | 0.026332 | 0.011565 | 2.276872 |
| $35,000 to $49,999 | 160,211 | 0.101431 |  | 234,864 | 234,864 | 0.143108 | -0.041677 | 0.009344 | -4.460297 |
| $50,000 to $74,999 | 284,665 | 0.180224 |  | 281,757 | 281,757 | 0.171681 | 0.008543 | 0.022702 | 0.376309 |
| $75,000 to $99,999 | 211,864 | 0.134133 |  | 181,881 | 181,881 | 0.110824 | 0.023309 | 0.009036 | 2.579543 |
| $100,000 to $149,999 | 99,235 | 0.062827 |  | 167,076 | 167,076 | 0.101803 | -0.038977 | 0.006318 | -6.169150 |
| $150,000 or more | 137,706 | 0.087183 |  | 94,759 | 94,759 | 0.057739 | 0.029444 | 0.012340 | 2.386069 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 333,492 | 0.154633 |  | 543,292 | 543,292 | 0.190205 | -0.035572 | 0.009360 | -3.800393 |
| 12 years | 798,465 | 0.370231 |  | 993,261 | 993,261 | 0.347737 | 0.022494 | 0.016364 | 1.374575 |
| 1 to 3 years of college | 542,117 | 0.251368 |  | 721,947 | 721,947 | 0.252751 | -0.001383 | 0.018199 | -0.076011 |
| 4 years of college | 370,743 | 0.171905 |  | 400,971 | 400,971 | 0.140379 | 0.031527 | 0.014728 | 2.140608 |
| 5 years or more of college | 111,852 | 0.051863 |  | 196,885 | 196,885 | 0.068929 | -0.017065 | 0.007910 | -2.157449 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Louisiana: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 144,854 | 0.042005 | 0.005073 | 0.005500 | 0.922386 |
| 18 to 24 years old | 358,611 | 0.103990 | -0.028796 | 0.009727 | -2.960374 |
| 25 to 34 years old | 515,850 | 0.149586 | -0.025226 | 0.009172 | -2.750278 |
| 35 to 44 years old | 525,561 | 0.152402 | -0.005469 | 0.016845 | -0.324695 |
| 45 to 54 years old | 756,018 | 0.219229 | 0.033354 | 0.012042 | 2.769796 |
| 55 to 64 years old | 564,807 | 0.163782 | 0.008770 | 0.015715 | 0.558094 |
| 65 years and older | 582,828 | 0.169008 | 0.012293 | 0.015557 | 0.790200 |
| 65 to 74 years old | 279,708 | 0.081109 | -0.008535 | 0.006723 | -1.269460 |
| 75 and older | 303,120 | 0.087898 | 0.020828 | 0.011717 | 1.777565 |
| **Sex:** |  |  |  |  |  |
| Male | 1,698,775 | 0.492609 | 0.018216 | 0.011733 | 1.552564 |
| Female | 1,749,754 | 0.507391 | -0.018216 | 0.011733 | -1.552564 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 166,911 | 0.048401 | 0.007693 | 0.008509 | 0.904145 |
| Non-Hispanic | 3,281,618 | 0.951599 | -0.007693 | 0.008509 | -0.904145 |
| **Race:** |  |  |  |  |  |
| White | 2,196,721 | 0.637003 | -0.028414 | 0.026717 | -1.063513 |
| African American | 1,153,156 | 0.334391 | 0.033581 | 0.026845 | 1.250904 |
| Asian American | 27,540 | 0.007986 | -0.008607 | 0.002386 | -3.607493 |
| All Others | 71,111 | 0.020621 | 0.003441 | 0.003911 | 0.879786 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 747,673 | 0.295957 | -0.005333 | 0.016866 | -0.316226 |
| $25,000 to $34,999 | 352,576 | 0.139563 | 0.026009 | 0.011568 | 2.248401 |
| $35,000 to $49,999 | 254,054 | 0.100564 | -0.042544 | 0.009372 | -4.539465 |
| $50,000 to $74,999 | 448,686 | 0.177607 | 0.005926 | 0.022771 | 0.260238 |
| $75,000 to $99,999 | 339,282 | 0.134301 | 0.023476 | 0.009035 | 2.598382 |
| $100,000 to $149,999 | 160,588 | 0.063567 | -0.038236 | 0.006335 | -6.035747 |
| $150,000 or more | 223,427 | 0.088441 | 0.030702 | 0.012385 | 2.478969 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 533,787 | 0.154787 | -0.035418 | 0.009360 | -3.783944 |
| 12 years | 1,282,313 | 0.371843 | 0.024106 | 0.016428 | 1.467394 |
| 1 to 3 years of college | 860,708 | 0.249587 | -0.003164 | 0.018284 | -0.173051 |
| 4 years of college | 593,082 | 0.171981 | 0.031603 | 0.014729 | 2.145607 |
| 5 years or more of college | 178,639 | 0.051802 | -0.017127 | 0.007910 | -2.165262 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Maryland: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 104,783 | 0.035094 | 161,711 |  | 161,711 | 0.035912 | -0.000818 | 0.003298 | -0.248179 |
| 18 to 24 years old | 323,893 | 0.108478 | 544,414 |  | 544,414 | 0.120902 | -0.012424 | 0.005077 | -2.447117 |
| 25 to 34 years old | 509,522 | 0.170649 | 744,278 |  | 744,278 | 0.165288 | 0.005362 | 0.007882 | 0.680225 |
| 35 to 44 years old | 511,490 | 0.171309 | 774,978 |  | 774,978 | 0.172106 | -0.000797 | 0.007865 | -0.101353 |
| 45 to 54 years old | 599,047 | 0.200633 | 892,614 |  | 892,614 | 0.198230 | 0.002403 | 0.006280 | 0.382662 |
| 55 to 64 years old | 490,178 | 0.164171 | 696,814 |  | 696,814 | 0.154747 | 0.009424 | 0.007062 | 1.334402 |
| 65 years and older | 446,869 | 0.149666 | 688,110 |  | 688,110 | 0.152814 | -0.003149 | 0.005792 | -0.543605 |
| 65 to 74 years old | 295,504 | 0.098970 | 385,092 |  | 385,092 | 0.085521 | 0.013450 | 0.005766 | 2.332616 |
| 75 and older | 151,365 | 0.050695 | 303,018 |  | 303,018 | 0.067294 | -0.016598 | 0.003183 | -5.214710 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,447,963 | 0.484953 | 2,125,375 |  | 2,125,375 | 0.471999 | 0.012953 | 0.005966 | 2.171160 |
| Female | 1,537,820 | 0.515047 | 2,377,544 |  | 2,377,544 | 0.528001 | -0.012953 | 0.005966 | -2.171160 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 205,488 | 0.068822 | 334,721 |  | 334,721 | 0.074334 | -0.005512 | 0.007166 | -0.769196 |
| Non-Hispanic | 2,780,294 | 0.931178 | 4,168,198 |  | 4,168,198 | 0.925666 | 0.005512 | 0.007166 | 0.769196 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 1,962,812 | 0.657386 | 2,839,709 |  | 2,839,709 | 0.630637 | 0.026749 | 0.010159 | 2.633000 |
| African American | 664,595 | 0.222587 | 1,299,945 |  | 1,299,945 | 0.288689 | -0.066103 | 0.008499 | -7.777727 |
| Asian American | 172,665 | 0.057829 | 261,269 |  | 261,269 | 0.058022 | -0.000193 | 0.006508 | -0.029669 |
| All Others | 185,711 | 0.062198 | 101,996 |  | 101,996 | 0.022651 | 0.039547 | 0.006789 | 5.825208 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 303,462 | 0.134433 |  | 322,069 | 322,069 | 0.151844 | -0.017412 | 0.009309 | -1.870426 |
| $25,000 to $34,999 | 191,938 | 0.085028 |  | 164,080 | 164,080 | 0.077358 | 0.007670 | 0.007690 | 0.997374 |
| $35,000 to $49,999 | 217,518 | 0.096360 |  | 249,521 | 249,521 | 0.117640 | -0.021281 | 0.006873 | -3.096291 |
| $50,000 to $74,999 | 543,026 | 0.240559 |  | 386,304 | 386,304 | 0.182129 | 0.058430 | 0.011018 | 5.303105 |
| $75,000 to $99,999 | 269,071 | 0.119197 |  | 299,813 | 299,813 | 0.141351 | -0.022154 | 0.006561 | -3.376612 |
| $100,000 to $149,999 | 426,607 | 0.188985 |  | 375,928 | 375,928 | 0.177237 | 0.011748 | 0.007910 | 1.485252 |
| $150,000 or more | 305,733 | 0.135439 |  | 323,332 | 323,332 | 0.152440 | -0.017001 | 0.006178 | -2.751895 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 287,610 | 0.096327 |  | 463,994 | 463,994 | 0.122428 | -0.026102 | 0.005625 | -4.640278 |
| 12 years | 1,001,233 | 0.335334 |  | 1,001,744 | 1,001,744 | 0.264317 | 0.071016 | 0.009952 | 7.135890 |
| 1 to 3 years of college | 675,137 | 0.226117 |  | 971,114 | 971,114 | 0.256235 | -0.030118 | 0.008388 | -3.590601 |
| 4 years of college | 567,175 | 0.189959 |  | 748,560 | 748,560 | 0.197513 | -0.007554 | 0.006528 | -1.157203 |
| 5 years or more of college | 454,627 | 0.152264 |  | 604,519 | 604,519 | 0.159507 | -0.007243 | 0.006190 | -1.170054 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Maryland: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 157,025 | 0.035052 | -0.000860 | 0.003298 | -0.260764 |
| 18 to 24 years old | 491,992 | 0.109827 | -0.011076 | 0.005265 | -2.103654 |
| 25 to 34 years old | 773,138 | 0.172587 | 0.007299 | 0.008118 | 0.899074 |
| 35 to 44 years old | 771,766 | 0.172280 | 0.000175 | 0.007931 | 0.022017 |
| 45 to 54 years old | 890,979 | 0.198892 | 0.000662 | 0.006515 | 0.101610 |
| 55 to 64 years old | 732,244 | 0.163458 | 0.008711 | 0.007103 | 1.226340 |
| 65 years and older | 662,567 | 0.147904 | -0.004910 | 0.006076 | -0.808138 |
| 65 to 74 years old | 437,074 | 0.097567 | 0.012047 | 0.005950 | 2.024694 |
| 75 and older | 225,492 | 0.050336 | -0.016957 | 0.003204 | -5.292572 |
| **Sex:** |  |  |  |  |  |
| Male | 2,172,050 | 0.484864 | 0.012864 | 0.005966 | 2.156299 |
| Female | 2,307,661 | 0.515136 | -0.012864 | 0.005966 | -2.156299 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 313,871 | 0.070065 | -0.004269 | 0.007277 | -0.586672 |
| Non-Hispanic | 4,165,840 | 0.929935 | 0.004269 | 0.007277 | 0.586672 |
| **Race:** |  |  |  |  |  |
| White | 2,918,190 | 0.651424 | 0.020786 | 0.011792 | 1.762738 |
| African American | 1,016,434 | 0.226897 | -0.061792 | 0.009529 | -6.484650 |
| Asian American | 263,580 | 0.058839 | 0.000816 | 0.006585 | 0.123988 |
| All Others | 281,508 | 0.062841 | 0.040190 | 0.006823 | 5.890307 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 458,138 | 0.134828 | -0.017017 | 0.009328 | -1.824261 |
| $25,000 to $34,999 | 293,829 | 0.086472 | 0.009114 | 0.007808 | 1.167307 |
| $35,000 to $49,999 | 326,994 | 0.096233 | -0.021408 | 0.006874 | -3.114321 |
| $50,000 to $74,999 | 815,050 | 0.239865 | 0.057736 | 0.011018 | 5.240160 |
| $75,000 to $99,999 | 403,515 | 0.118752 | -0.022599 | 0.006561 | -3.444450 |
| $100,000 to $149,999 | 643,542 | 0.189391 | 0.012154 | 0.007950 | 1.528816 |
| $150,000 or more | 456,885 | 0.134459 | -0.017981 | 0.006192 | -2.903895 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 429,700 | 0.095921 | -0.026507 | 0.005639 | -4.700607 |
| 12 years | 1,488,580 | 0.332294 | 0.067977 | 0.010404 | 6.533693 |
| 1 to 3 years of college | 1,018,694 | 0.227402 | -0.028834 | 0.008488 | -3.396978 |
| 4 years of college | 858,047 | 0.191541 | -0.005972 | 0.006717 | -0.889106 |
| 5 years or more of college | 684,690 | 0.152842 | -0.006664 | 0.006213 | -1.072614 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Massachusetts: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 149,366 | 0.043334 | 173,250 |  | 173,250 | 0.033046 | 0.010288 | 0.003907 | 2.633189 |
| 18 to 24 years old | 376,103 | 0.109115 | 677,382 |  | 677,382 | 0.129205 | -0.020091 | 0.006071 | -3.309280 |
| 25 to 34 years old | 616,108 | 0.178745 | 839,292 |  | 839,292 | 0.160089 | 0.018656 | 0.007329 | 2.545557 |
| 35 to 44 years old | 529,105 | 0.153504 | 874,347 |  | 874,347 | 0.166775 | -0.013271 | 0.005710 | -2.324230 |
| 45 to 54 years old | 610,963 | 0.177252 | 1,005,982 |  | 1,005,982 | 0.191883 | -0.014631 | 0.005912 | -2.474818 |
| 55 to 64 years old | 616,914 | 0.178979 | 804,947 |  | 804,947 | 0.153537 | 0.025441 | 0.005823 | 4.369100 |
| 65 years and older | 548,297 | 0.159072 | 867,474 |  | 867,474 | 0.165464 | -0.006392 | 0.005958 | -1.072912 |
| 65 to 74 years old | 300,126 | 0.087072 | 454,350 |  | 454,350 | 0.086664 | 0.000409 | 0.004565 | 0.089508 |
| 75 and older | 248,172 | 0.072000 | 413,124 |  | 413,124 | 0.078800 | -0.006801 | 0.003113 | -2.184619 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,677,077 | 0.486553 | 2,495,969 |  | 2,495,969 | 0.476087 | 0.010466 | 0.007104 | 1.473207 |
| Female | 1,769,779 | 0.513447 | 2,746,705 |  | 2,746,705 | 0.523913 | -0.010466 | 0.007104 | -1.473207 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 334,046 | 0.096913 | 437,473 |  | 437,473 | 0.083445 | 0.013469 | 0.006666 | 2.020494 |
| Non-Hispanic | 3,112,810 | 0.903087 | 4,805,201 |  | 4,805,201 | 0.916555 | -0.013469 | 0.006666 | -2.020494 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,685,249 | 0.779043 | 4,482,930 |  | 4,482,930 | 0.855085 | -0.076042 | 0.013094 | -5.807383 |
| African American | 197,717 | 0.057362 | 373,870 |  | 373,870 | 0.071313 | -0.013951 | 0.007910 | -1.763756 |
| Asian American | 177,719 | 0.051560 | 287,938 |  | 287,938 | 0.054922 | -0.003362 | 0.004989 | -0.673932 |
| All Others | 386,172 | 0.112036 | 97,936 |  | 97,936 | 0.018681 | 0.093355 | 0.009847 | 9.480597 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 466,941 | 0.172385 |  | 513,294 | 513,294 | 0.204292 | -0.031907 | 0.010897 | -2.928049 |
| $25,000 to $34,999 | 221,085 | 0.081620 |  | 198,325 | 198,325 | 0.078934 | 0.002686 | 0.005523 | 0.486387 |
| $35,000 to $49,999 | 249,646 | 0.092164 |  | 283,914 | 283,914 | 0.112998 | -0.020834 | 0.004869 | -4.278933 |
| $50,000 to $74,999 | 466,939 | 0.172384 |  | 428,839 | 428,839 | 0.170679 | 0.001706 | 0.008720 | 0.195591 |
| $75,000 to $99,999 | 416,028 | 0.153589 |  | 338,488 | 338,488 | 0.134719 | 0.018870 | 0.006569 | 2.872601 |
| $100,000 to $149,999 | 490,487 | 0.181078 |  | 412,161 | 412,161 | 0.164041 | 0.017037 | 0.007352 | 2.317309 |
| $150,000 or more | 397,585 | 0.146780 |  | 337,531 | 337,531 | 0.134338 | 0.012442 | 0.007908 | 1.573373 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 387,520 | 0.112427 |  | 495,822 | 495,822 | 0.113140 | -0.000713 | 0.005268 | -0.135317 |
| 12 years | 966,800 | 0.280487 |  | 1,171,725 | 1,171,725 | 0.267372 | 0.013116 | 0.007689 | 1.705753 |
| 1 to 3 years of college | 709,813 | 0.205931 |  | 1,036,622 | 1,036,622 | 0.236543 | -0.030613 | 0.007971 | -3.840509 |
| 4 years of college | 712,494 | 0.206708 |  | 961,563 | 961,563 | 0.219416 | -0.012707 | 0.006065 | -2.095207 |
| 5 years or more of college | 670,229 | 0.194446 |  | 716,646 | 716,646 | 0.163529 | 0.030917 | 0.007100 | 4.354571 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Massachusetts: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 230,890 | 0.043400 | 0.010354 | 0.003908 | 2.649452 |
| 18 to 24 years old | 576,698 | 0.108401 | -0.020804 | 0.006107 | -3.406594 |
| 25 to 34 years old | 945,468 | 0.177719 | 0.017630 | 0.007394 | 2.384390 |
| 35 to 44 years old | 819,400 | 0.154022 | -0.012753 | 0.005733 | -2.224520 |
| 45 to 54 years old | 946,617 | 0.177935 | -0.013949 | 0.005947 | -2.345500 |
| 55 to 64 years old | 951,950 | 0.178937 | 0.025400 | 0.005824 | 4.361202 |
| 65 years and older | 849,002 | 0.159586 | -0.005878 | 0.005978 | -0.983263 |
| 65 to 74 years old | 464,770 | 0.087362 | 0.000699 | 0.004573 | 0.152762 |
| 75 and older | 384,233 | 0.072224 | -0.006576 | 0.003119 | -2.108476 |
| **Sex:** |  |  |  |  |  |
| Male | 2,588,795 | 0.486613 | 0.010526 | 0.007105 | 1.481535 |
| Female | 2,731,230 | 0.513387 | -0.010526 | 0.007105 | -1.481535 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 507,724 | 0.095436 | 0.011992 | 0.006825 | 1.757035 |
| Non-Hispanic | 4,812,301 | 0.904564 | -0.011992 | 0.006825 | -1.757035 |
| **Race:** |  |  |  |  |  |
| White | 4,156,721 | 0.781335 | -0.073750 | 0.013270 | -5.557632 |
| African American | 300,829 | 0.056547 | -0.014766 | 0.007950 | -1.857397 |
| Asian American | 274,693 | 0.051634 | -0.003288 | 0.004990 | -0.658957 |
| All Others | 587,782 | 0.110485 | 0.091804 | 0.009953 | 9.223779 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 712,888 | 0.170738 | -0.033554 | 0.010985 | -3.054538 |
| $25,000 to $34,999 | 337,368 | 0.080800 | 0.001866 | 0.005569 | 0.335155 |
| $35,000 to $49,999 | 384,330 | 0.092048 | -0.020951 | 0.004872 | -4.300209 |
| $50,000 to $74,999 | 721,209 | 0.172731 | 0.002052 | 0.008720 | 0.235325 |
| $75,000 to $99,999 | 644,711 | 0.154409 | 0.019690 | 0.006585 | 2.990204 |
| $100,000 to $149,999 | 758,846 | 0.181745 | 0.017704 | 0.007359 | 2.405765 |
| $150,000 or more | 615,986 | 0.147530 | 0.013192 | 0.007921 | 1.665408 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 594,160 | 0.111684 | -0.001456 | 0.005318 | -0.273836 |
| 12 years | 1,494,601 | 0.280939 | 0.013567 | 0.007699 | 1.762145 |
| 1 to 3 years of college | 1,093,409 | 0.205527 | -0.031016 | 0.007979 | -3.887232 |
| 4 years of college | 1,103,208 | 0.207369 | -0.012047 | 0.006099 | -1.975218 |
| 5 years or more of college | 1,034,647 | 0.194482 | 0.030953 | 0.007100 | 4.359518 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Michigan: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 187,343 | 0.033521 | 289,200 |  | 289,200 | 0.037452 | -0.003931 | 0.007271 | -0.540592 |
| 18 to 24 years old | 634,449 | 0.113522 | 962,123 |  | 962,123 | 0.124596 | -0.011075 | 0.014485 | -0.764566 |
| 25 to 34 years old | 802,622 | 0.143613 | 1,142,867 |  | 1,142,867 | 0.148003 | -0.004390 | 0.012954 | -0.338911 |
| 35 to 44 years old | 872,909 | 0.156189 | 1,252,242 |  | 1,252,242 | 0.162167 | -0.005978 | 0.014540 | -0.411146 |
| 45 to 54 years old | 1,125,114 | 0.201316 | 1,492,124 |  | 1,492,124 | 0.193232 | 0.008084 | 0.013766 | 0.587227 |
| 55 to 64 years old | 1,103,028 | 0.197364 | 1,254,827 |  | 1,254,827 | 0.162502 | 0.034862 | 0.014709 | 2.370130 |
| 65 years and older | 863,330 | 0.154475 | 1,328,537 |  | 1,328,537 | 0.172047 | -0.017572 | 0.011011 | -1.595889 |
| 65 to 74 years old | 464,100 | 0.083041 | 722,431 |  | 722,431 | 0.093556 | -0.010515 | 0.007440 | -1.413269 |
| 75 and older | 399,230 | 0.071434 | 606,106 |  | 606,106 | 0.078492 | -0.007058 | 0.006216 | -1.135395 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 2,458,780 | 0.439948 | 3,721,041 |  | 3,721,041 | 0.481880 | -0.041932 | 0.007025 | -5.968999 |
| Female | 3,130,016 | 0.560052 | 4,000,879 |  | 4,000,879 | 0.518120 | 0.041932 | 0.007025 | 5.968999 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 312,758 | 0.055962 | 279,172 |  | 279,172 | 0.036153 | 0.019808 | 0.006746 | 2.936321 |
| Non-Hispanic | 5,276,038 | 0.944038 | 7,442,748 |  | 7,442,748 | 0.963847 | -0.019808 | 0.006746 | -2.936321 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 4,762,390 | 0.852132 | 6,342,291 |  | 6,342,291 | 0.821336 | 0.030796 | 0.012634 | 2.437521 |
| African American | 546,629 | 0.097808 | 1,033,100 |  | 1,033,100 | 0.133788 | -0.035980 | 0.011956 | -3.009365 |
| Asian American | 102,934 | 0.018418 | 186,766 |  | 186,766 | 0.024186 | -0.005769 | 0.003913 | -1.474202 |
| All Others | 176,843 | 0.031642 | 159,763 |  | 159,763 | 0.020690 | 0.010953 | 0.005510 | 1.987817 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 820,360 | 0.185194 |  | 967,385 | 967,385 | 0.251661 | -0.066468 | 0.012350 | -5.382002 |
| $25,000 to $34,999 | 554,173 | 0.125103 |  | 430,558 | 430,558 | 0.112008 | 0.013095 | 0.013885 | 0.943089 |
| $35,000 to $49,999 | 665,831 | 0.150309 |  | 577,569 | 577,569 | 0.150252 | 0.000057 | 0.014429 | 0.003944 |
| $50,000 to $74,999 | 631,192 | 0.142489 |  | 728,579 | 728,579 | 0.189537 | -0.047047 | 0.012351 | -3.809195 |
| $75,000 to $99,999 | 938,093 | 0.211771 |  | 466,664 | 466,664 | 0.121401 | 0.090371 | 0.023804 | 3.796447 |
| $100,000 to $149,999 | 459,360 | 0.103699 |  | 433,144 | 433,144 | 0.112681 | -0.008982 | 0.009372 | -0.958350 |
| $150,000 or more | 360,736 | 0.081435 |  | 240,098 | 240,098 | 0.062461 | 0.018974 | 0.008481 | 2.237287 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 421,734 | 0.075461 |  | 784,988 | 784,988 | 0.119629 | -0.044169 | 0.007146 | -6.180881 |
| 12 years | 2,135,422 | 0.382090 |  | 2,064,575 | 2,064,575 | 0.314633 | 0.067456 | 0.014602 | 4.619669 |
| 1 to 3 years of college | 1,644,141 | 0.294185 |  | 2,070,897 | 2,070,897 | 0.315597 | -0.021412 | 0.015086 | -1.419307 |
| 4 years of college | 915,807 | 0.163865 |  | 1,014,345 | 1,014,345 | 0.154582 | 0.009282 | 0.010285 | 0.902526 |
| 5 years or more of college | 471,692 | 0.084400 |  | 627,038 | 627,038 | 0.095558 | -0.011159 | 0.006306 | -1.769528 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Michigan: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 260,806 | 0.033490 | -0.003961 | 0.007270 | -0.544897 |
| 18 to 24 years old | 883,791 | 0.113489 | -0.011108 | 0.014485 | -0.766837 |
| 25 to 34 years old | 1,118,538 | 0.143633 | -0.004370 | 0.012954 | -0.337354 |
| 35 to 44 years old | 1,214,482 | 0.155953 | -0.006214 | 0.014541 | -0.427344 |
| 45 to 54 years old | 1,568,034 | 0.201353 | 0.008121 | 0.013766 | 0.589930 |
| 55 to 64 years old | 1,538,506 | 0.197561 | 0.035060 | 0.014708 | 2.383706 |
| 65 years and older | 1,203,322 | 0.154520 | -0.017527 | 0.011010 | -1.591953 |
| 65 to 74 years old | 647,221 | 0.083110 | -0.010445 | 0.007439 | -1.404142 |
| 75 and older | 556,101 | 0.071410 | -0.007082 | 0.006216 | -1.139316 |
| **Sex:** |  |  |  |  |  |
| Male | 3,426,977 | 0.440062 | -0.041818 | 0.007025 | -5.952726 |
| Female | 4,360,503 | 0.559938 | 0.041818 | 0.007025 | 5.952726 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 435,185 | 0.055883 | 0.019729 | 0.006747 | 2.924183 |
| Non-Hispanic | 7,352,295 | 0.944117 | -0.019729 | 0.006747 | -2.924183 |
| **Race:** |  |  |  |  |  |
| White | 6,639,525 | 0.852590 | 0.031254 | 0.012640 | 2.472599 |
| African American | 758,949 | 0.097458 | -0.036330 | 0.011959 | -3.037912 |
| Asian American | 142,857 | 0.018344 | -0.005842 | 0.003913 | -1.492979 |
| All Others | 246,149 | 0.031608 | 0.010919 | 0.005510 | 1.981625 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,142,625 | 0.185108 | -0.066553 | 0.012350 | -5.388887 |
| $25,000 to $34,999 | 772,347 | 0.125122 | 0.013115 | 0.013885 | 0.944509 |
| $35,000 to $49,999 | 928,243 | 0.150378 | 0.000126 | 0.014428 | 0.008718 |
| $50,000 to $74,999 | 880,462 | 0.142637 | -0.046900 | 0.012351 | -3.797223 |
| $75,000 to $99,999 | 1,307,607 | 0.211836 | 0.090435 | 0.023805 | 3.799005 |
| $100,000 to $149,999 | 640,089 | 0.103696 | -0.008984 | 0.009372 | -0.958643 |
| $150,000 or more | 501,359 | 0.081222 | 0.018761 | 0.008482 | 2.211868 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 587,776 | 0.075477 | -0.044152 | 0.007146 | -6.178582 |
| 12 years | 2,977,573 | 0.382354 | 0.067720 | 0.014604 | 4.637117 |
| 1 to 3 years of college | 2,289,090 | 0.293945 | -0.021652 | 0.015084 | -1.435425 |
| 4 years of college | 1,275,511 | 0.163790 | 0.009208 | 0.010286 | 0.895161 |
| 5 years or more of college | 657,530 | 0.084434 | -0.011124 | 0.006306 | -1.764029 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Mississippi: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 82,322 | 0.048972 | 86,572 |  | 86,572 | 0.038747 | 0.010225 | 0.010827 | 0.944393 |
| 18 to 24 years old | 176,418 | 0.104948 | 294,192 |  | 294,192 | 0.131672 | -0.026724 | 0.019782 | -1.350901 |
| 25 to 34 years old | 261,433 | 0.155522 | 368,746 |  | 368,746 | 0.165040 | -0.009518 | 0.018934 | -0.502675 |
| 35 to 44 years old | 395,469 | 0.235258 | 361,656 |  | 361,656 | 0.161867 | 0.073392 | 0.023816 | 3.081607 |
| 45 to 54 years old | 234,867 | 0.139719 | 408,922 |  | 408,922 | 0.183022 | -0.043303 | 0.012685 | -3.413714 |
| 55 to 64 years old | 297,155 | 0.176773 | 346,704 |  | 346,704 | 0.155175 | 0.021598 | 0.018566 | 1.163319 |
| 65 years and older | 233,335 | 0.138807 | 367,490 |  | 367,490 | 0.164478 | -0.025671 | 0.010807 | -2.375364 |
| 65 to 74 years old | 114,016 | 0.067826 | 211,949 |  | 211,949 | 0.094862 | -0.027036 | 0.004560 | -5.928927 |
| 75 and older | 119,318 | 0.070980 | 155,541 |  | 155,541 | 0.069616 | 0.001365 | 0.010817 | 0.126168 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 731,736 | 0.435298 | 1,049,469 |  | 1,049,469 | 0.469712 | -0.034414 | 0.011120 | -3.094755 |
| Female | 949,263 | 0.564702 | 1,184,813 |  | 1,184,813 | 0.530288 | 0.034414 | 0.011120 | 3.094755 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 13,299 | 0.007911 | 52,511 |  | 52,511 | 0.023502 | -0.015591 | 0.001392 | -11.200462 |
| Non-Hispanic | 1,667,701 | 0.992089 | 2,181,771 |  | 2,181,771 | 0.976498 | 0.015591 | 0.001392 | 11.200462 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 911,903 | 0.542477 | 1,402,258 |  | 1,402,258 | 0.627610 | -0.085134 | 0.033345 | -2.553115 |
| African American | 631,843 | 0.375873 | 784,015 |  | 784,015 | 0.350902 | 0.024971 | 0.030940 | 0.807073 |
| Asian American | 2,969 | 0.001766 | 20,473 |  | 20,473 | 0.009163 | -0.007397 | 0.000786 | -9.410830 |
| All Others | 134,285 | 0.079884 | 27,536 |  | 27,536 | 0.012324 | 0.067560 | 0.038448 | 1.757170 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 502,550 | 0.330248 |  | 374,845 | 374,845 | 0.346741 | -0.016493 | 0.024311 | -0.678423 |
| $25,000 to $34,999 | 254,707 | 0.167379 |  | 130,682 | 130,682 | 0.120884 | 0.046495 | 0.017569 | 2.646430 |
| $35,000 to $49,999 | 336,921 | 0.221406 |  | 156,638 | 156,638 | 0.144894 | 0.076512 | 0.036247 | 2.110841 |
| $50,000 to $74,999 | 182,815 | 0.120136 |  | 183,156 | 183,156 | 0.169424 | -0.049288 | 0.012980 | -3.797230 |
| $75,000 to $99,999 | 67,774 | 0.044537 |  | 106,319 | 106,319 | 0.098348 | -0.053810 | 0.006429 | -8.369953 |
| $100,000 to $149,999 | 70,986 | 0.046648 |  | 86,153 | 86,153 | 0.079694 | -0.033046 | 0.006475 | -5.103572 |
| $150,000 or more | 105,983 | 0.069646 |  | 43,259 | 43,259 | 0.040016 | 0.029630 | 0.018957 | 1.563035 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 309,037 | 0.183841 |  | 382,391 | 382,391 | 0.203755 | -0.019914 | 0.013747 | -1.448600 |
| 12 years | 599,138 | 0.356418 |  | 579,428 | 579,428 | 0.308745 | 0.047672 | 0.013676 | 3.485844 |
| 1 to 3 years of college | 369,582 | 0.219858 |  | 549,741 | 549,741 | 0.292927 | -0.073068 | 0.013958 | -5.234864 |
| 4 years of college | 243,859 | 0.145068 |  | 236,987 | 236,987 | 0.126277 | 0.018791 | 0.010944 | 1.716970 |
| 5 years or more of college | 159,384 | 0.094815 |  | 128,172 | 128,172 | 0.068296 | 0.026519 | 0.012872 | 2.060224 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Mississippi: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 108,774 | 0.048990 | 0.010243 | 0.010827 | 0.946073 |
| 18 to 24 years old | 233,112 | 0.104990 | -0.026682 | 0.019784 | -1.348641 |
| 25 to 34 years old | 342,791 | 0.154388 | -0.010652 | 0.019014 | -0.560212 |
| 35 to 44 years old | 517,728 | 0.233177 | 0.071311 | 0.023854 | 2.989458 |
| 45 to 54 years old | 307,698 | 0.138583 | -0.044439 | 0.012751 | -3.485128 |
| 55 to 64 years old | 397,418 | 0.178991 | 0.023817 | 0.018642 | 1.277584 |
| 65 years and older | 312,798 | 0.140880 | -0.023598 | 0.011015 | -2.142364 |
| 65 to 74 years old | 150,378 | 0.067728 | -0.027134 | 0.004562 | -5.947860 |
| 75 and older | 162,420 | 0.073152 | 0.003536 | 0.011060 | 0.319710 |
| **Sex:** |  |  |  |  |  |
| Male | 961,593 | 0.433088 | -0.036624 | 0.011399 | -3.212931 |
| Female | 1,258,726 | 0.566912 | 0.036624 | 0.011399 | 3.212931 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 17,331 | 0.007806 | -0.015697 | 0.001398 | -11.228018 |
| Non-Hispanic | 2,202,988 | 0.992194 | 0.015697 | 0.001398 | 11.228018 |
| **Race:** |  |  |  |  |  |
| White | 1,211,642 | 0.545706 | -0.081904 | 0.033384 | -2.453386 |
| African American | 832,292 | 0.374852 | 0.023950 | 0.030954 | 0.773729 |
| Asian American | 3,851 | 0.001734 | -0.007429 | 0.000787 | -9.439247 |
| All Others | 172,534 | 0.077707 | 0.065383 | 0.038447 | 1.700589 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 662,603 | 0.329439 | -0.017302 | 0.024330 | -0.711122 |
| $25,000 to $34,999 | 339,027 | 0.168561 | 0.047677 | 0.017585 | 2.711209 |
| $35,000 to $49,999 | 444,999 | 0.221249 | 0.076355 | 0.036246 | 2.106573 |
| $50,000 to $74,999 | 241,776 | 0.120209 | -0.049215 | 0.012980 | -3.791628 |
| $75,000 to $99,999 | 88,417 | 0.043960 | -0.054388 | 0.006457 | -8.423061 |
| $100,000 to $149,999 | 93,320 | 0.046398 | -0.033296 | 0.006479 | -5.139054 |
| $150,000 or more | 141,163 | 0.070185 | 0.030169 | 0.018971 | 1.590276 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 415,839 | 0.187288 | -0.016467 | 0.014281 | -1.153072 |
| 12 years | 786,305 | 0.354141 | 0.045396 | 0.013882 | 3.270098 |
| 1 to 3 years of college | 484,034 | 0.218002 | -0.074925 | 0.014111 | -5.309655 |
| 4 years of college | 319,315 | 0.143815 | 0.017538 | 0.011016 | 1.592020 |
| 5 years or more of college | 214,825 | 0.096754 | 0.028458 | 0.013001 | 2.188937 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Missouri: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 111,107 | 0.034089 | 164,608 |  | 164,608 | 0.035570 | -0.001481 | 0.003815 | -0.388074 |
| 18 to 24 years old | 316,416 | 0.097081 | 573,614 |  | 573,614 | 0.123950 | -0.026870 | 0.005969 | -4.501546 |
| 25 to 34 years old | 472,750 | 0.145046 | 756,626 |  | 756,626 | 0.163497 | -0.018451 | 0.010090 | -1.828628 |
| 35 to 44 years old | 581,066 | 0.178279 | 730,763 |  | 730,763 | 0.157908 | 0.020371 | 0.010814 | 1.883720 |
| 45 to 54 years old | 636,405 | 0.195257 | 875,452 |  | 875,452 | 0.189173 | 0.006084 | 0.008900 | 0.683588 |
| 55 to 64 years old | 583,578 | 0.179049 | 723,044 |  | 723,044 | 0.156240 | 0.022809 | 0.006664 | 3.422755 |
| 65 years and older | 557,992 | 0.171199 | 803,668 |  | 803,668 | 0.173662 | -0.002463 | 0.007285 | -0.338043 |
| 65 to 74 years old | 315,223 | 0.096715 | 446,292 |  | 446,292 | 0.096438 | 0.000277 | 0.005885 | 0.047038 |
| 75 and older | 242,769 | 0.074485 | 357,376 |  | 357,376 | 0.077224 | -0.002739 | 0.004223 | -0.648700 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,564,424 | 0.479986 | 2,221,089 |  | 2,221,089 | 0.479947 | 0.000038 | 0.006778 | 0.005610 |
| Female | 1,694,891 | 0.520014 | 2,406,686 |  | 2,406,686 | 0.520053 | -0.000038 | 0.006778 | -0.005610 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 58,222 | 0.017863 | 136,707 |  | 136,707 | 0.029541 | -0.011677 | 0.002669 | -4.375151 |
| Non-Hispanic | 3,201,092 | 0.982137 | 4,491,068 |  | 4,491,068 | 0.970459 | 0.011677 | 0.002669 | 4.375151 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,826,753 | 0.867284 | 3,961,657 |  | 3,961,657 | 0.856061 | 0.011224 | 0.008718 | 1.287398 |
| African American | 309,407 | 0.094930 | 499,105 |  | 499,105 | 0.107850 | -0.012920 | 0.008431 | -1.532418 |
| Asian American | 52,114 | 0.015989 | 78,651 |  | 78,651 | 0.016995 | -0.001006 | 0.003083 | -0.326362 |
| All Others | 71,041 | 0.021796 | 88,362 |  | 88,362 | 0.019094 | 0.002702 | 0.003044 | 0.887798 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 527,708 | 0.210524 |  | 615,344 | 615,344 | 0.261854 | -0.051330 | 0.011514 | -4.458049 |
| $25,000 to $34,999 | 338,731 | 0.135133 |  | 278,895 | 278,895 | 0.118681 | 0.016452 | 0.006918 | 2.378168 |
| $35,000 to $49,999 | 438,025 | 0.174745 |  | 362,077 | 362,077 | 0.154078 | 0.020667 | 0.010657 | 1.939306 |
| $50,000 to $74,999 | 365,216 | 0.145699 |  | 452,262 | 452,262 | 0.192456 | -0.046757 | 0.008165 | -5.726458 |
| $75,000 to $99,999 | 374,166 | 0.149270 |  | 274,407 | 274,407 | 0.116771 | 0.032498 | 0.010674 | 3.044633 |
| $100,000 to $149,999 | 364,554 | 0.145435 |  | 239,068 | 239,068 | 0.101733 | 0.043702 | 0.009868 | 4.428655 |
| $150,000 or more | 98,246 | 0.039194 |  | 127,902 | 127,902 | 0.054427 | -0.015233 | 0.003009 | -5.062552 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 342,877 | 0.105199 |  | 540,668 | 540,668 | 0.138389 | -0.033190 | 0.006588 | -5.037966 |
| 12 years | 1,307,657 | 0.401206 |  | 1,272,495 | 1,272,495 | 0.325707 | 0.075499 | 0.009640 | 7.831809 |
| 1 to 3 years of college | 667,512 | 0.204801 |  | 1,115,052 | 1,115,052 | 0.285408 | -0.080607 | 0.008767 | -9.194372 |
| 4 years of college | 636,472 | 0.195278 |  | 618,502 | 618,502 | 0.158312 | 0.036966 | 0.009088 | 4.067590 |
| 5 years or more of college | 304,797 | 0.093516 |  | 360,148 | 360,148 | 0.092183 | 0.001332 | 0.005105 | 0.260977 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Missouri: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 158,780 | 0.034019 | -0.001550 | 0.003816 | -0.406290 |
| 18 to 24 years old | 456,492 | 0.097805 | -0.026145 | 0.006013 | -4.348123 |
| 25 to 34 years old | 682,876 | 0.146309 | -0.017188 | 0.010172 | -1.689749 |
| 35 to 44 years old | 835,991 | 0.179114 | 0.021206 | 0.010850 | 1.954465 |
| 45 to 54 years old | 908,973 | 0.194751 | 0.005577 | 0.008916 | 0.625532 |
| 55 to 64 years old | 832,496 | 0.178365 | 0.022125 | 0.006701 | 3.301761 |
| 65 years and older | 791,760 | 0.169637 | -0.004024 | 0.007464 | -0.539187 |
| 65 to 74 years old | 449,787 | 0.096368 | -0.000069 | 0.005898 | -0.011743 |
| 75 and older | 341,973 | 0.073269 | -0.003955 | 0.004399 | -0.899121 |
| **Sex:** |  |  |  |  |  |
| Male | 2,240,022 | 0.479932 | -0.000015 | 0.006778 | -0.002214 |
| Female | 2,427,347 | 0.520068 | 0.000015 | 0.006778 | 0.002214 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 83,714 | 0.017936 | -0.011605 | 0.002669 | -4.347895 |
| Non-Hispanic | 4,583,655 | 0.982064 | 0.011605 | 0.002669 | 4.347895 |
| **Race:** |  |  |  |  |  |
| White | 4,044,405 | 0.866528 | 0.010467 | 0.008756 | 1.195403 |
| African American | 445,046 | 0.095353 | -0.012497 | 0.008444 | -1.480014 |
| Asian American | 73,932 | 0.015840 | -0.001155 | 0.003086 | -0.374348 |
| All Others | 103,986 | 0.022279 | 0.003186 | 0.003084 | 1.032918 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 765,590 | 0.213733 | -0.048121 | 0.011703 | -4.111814 |
| $25,000 to $34,999 | 484,678 | 0.135310 | 0.016629 | 0.006919 | 2.403323 |
| $35,000 to $49,999 | 627,868 | 0.175285 | 0.021206 | 0.010658 | 1.989705 |
| $50,000 to $74,999 | 521,826 | 0.145680 | -0.046775 | 0.008169 | -5.725945 |
| $75,000 to $99,999 | 532,157 | 0.148565 | 0.031793 | 0.010701 | 2.971061 |
| $100,000 to $149,999 | 511,739 | 0.142864 | 0.041131 | 0.010107 | 4.069586 |
| $150,000 or more | 138,135 | 0.038564 | -0.015864 | 0.003061 | -5.182521 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 491,877 | 0.105386 | -0.033003 | 0.006589 | -5.008782 |
| 12 years | 1,884,675 | 0.403798 | 0.078091 | 0.009985 | 7.820803 |
| 1 to 3 years of college | 956,117 | 0.204851 | -0.080557 | 0.008768 | -9.187613 |
| 4 years of college | 899,699 | 0.192764 | 0.034452 | 0.009425 | 3.655389 |
| 5 years or more of college | 435,001 | 0.093200 | 0.001017 | 0.005117 | 0.198769 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Nevada: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 51,347 | 0.037089 | 73,571 |  | 73,571 | 0.035418 | 0.001671 | 0.003396 | 0.492103 |
| 18 to 24 years old | 129,294 | 0.093391 | 241,696 |  | 241,696 | 0.116354 | -0.022963 | 0.005614 | -4.090302 |
| 25 to 34 years old | 263,342 | 0.190216 | 375,590 |  | 375,590 | 0.180812 | 0.009405 | 0.007680 | 1.224554 |
| 35 to 44 years old | 242,992 | 0.175517 | 374,967 |  | 374,967 | 0.180512 | -0.004995 | 0.007526 | -0.663651 |
| 45 to 54 years old | 242,327 | 0.175037 | 372,490 |  | 372,490 | 0.179319 | -0.004283 | 0.007036 | -0.608660 |
| 55 to 64 years old | 251,343 | 0.181549 | 315,912 |  | 315,912 | 0.152082 | 0.029467 | 0.007566 | 3.894646 |
| 65 years and older | 203,791 | 0.147201 | 323,020 |  | 323,020 | 0.155504 | -0.008303 | 0.006686 | -1.241775 |
| 65 to 74 years old | 139,577 | 0.100819 | 198,503 |  | 198,503 | 0.095561 | 0.005258 | 0.005495 | 0.956872 |
| 75 and older | 64,213 | 0.046382 | 124,517 |  | 124,517 | 0.059943 | -0.013561 | 0.003379 | -4.013390 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 682,698 | 0.493124 | 1,033,668 |  | 1,033,668 | 0.497615 | -0.004491 | 0.005642 | -0.795945 |
| Female | 701,737 | 0.506876 | 1,043,578 |  | 1,043,578 | 0.502385 | 0.004491 | 0.005642 | 0.795945 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 244,544 | 0.176638 | 477,949 |  | 477,949 | 0.230088 | -0.053450 | 0.010340 | -5.169228 |
| Non-Hispanic | 1,139,892 | 0.823362 | 1,599,297 |  | 1,599,297 | 0.769912 | 0.053450 | 0.010340 | 5.169228 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 1,025,685 | 0.740869 | 1,643,149 |  | 1,643,149 | 0.791023 | -0.050154 | 0.011336 | -4.424295 |
| African American | 120,444 | 0.086999 | 166,918 |  | 166,918 | 0.080355 | 0.006643 | 0.008557 | 0.776351 |
| Asian American | 116,096 | 0.083858 | 167,487 |  | 167,487 | 0.080629 | 0.003229 | 0.006745 | 0.478678 |
| All Others | 122,210 | 0.088274 | 99,692 |  | 99,692 | 0.047992 | 0.040282 | 0.007917 | 5.088024 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 245,557 | 0.211127 |  | 188,343 | 188,343 | 0.192261 | 0.018866 | 0.008650 | 2.180992 |
| $25,000 to $34,999 | 129,094 | 0.110993 |  | 103,404 | 103,404 | 0.105555 | 0.005438 | 0.007825 | 0.694979 |
| $35,000 to $49,999 | 145,156 | 0.124803 |  | 142,975 | 142,975 | 0.145949 | -0.021146 | 0.007570 | -2.793406 |
| $50,000 to $74,999 | 277,186 | 0.238321 |  | 204,802 | 204,802 | 0.209062 | 0.029258 | 0.011036 | 2.651177 |
| $75,000 to $99,999 | 112,133 | 0.096410 |  | 135,345 | 135,345 | 0.138161 | -0.041750 | 0.006299 | -6.628052 |
| $100,000 to $149,999 | 140,960 | 0.121196 |  | 129,777 | 129,777 | 0.132477 | -0.011281 | 0.007345 | -1.535901 |
| $150,000 or more | 112,993 | 0.097150 |  | 74,975 | 74,975 | 0.076535 | 0.020615 | 0.007643 | 2.697264 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 191,209 | 0.138113 |  | 272,581 | 272,581 | 0.157219 | -0.019106 | 0.007966 | -2.398434 |
| 12 years | 452,752 | 0.327030 |  | 514,350 | 514,350 | 0.296667 | 0.030363 | 0.009142 | 3.321292 |
| 1 to 3 years of college | 357,310 | 0.258091 |  | 568,041 | 568,041 | 0.327635 | -0.069544 | 0.007741 | -8.983839 |
| 4 years of college | 250,257 | 0.180765 |  | 250,126 | 250,126 | 0.144268 | 0.036497 | 0.007405 | 4.928693 |
| 5 years or more of college | 132,908 | 0.096002 |  | 128,666 | 128,666 | 0.074212 | 0.021790 | 0.005048 | 4.316482 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Nevada: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 75,204 | 0.037164 | 0.001746 | 0.003398 | 0.513922 |
| 18 to 24 years old | 189,527 | 0.093659 | -0.022695 | 0.005621 | -4.037486 |
| 25 to 34 years old | 383,992 | 0.189759 | 0.008947 | 0.007692 | 1.163210 |
| 35 to 44 years old | 355,078 | 0.175470 | -0.005041 | 0.007527 | -0.669752 |
| 45 to 54 years old | 354,279 | 0.175076 | -0.004244 | 0.007036 | -0.603130 |
| 55 to 64 years old | 367,107 | 0.181415 | 0.029333 | 0.007567 | 3.876393 |
| 65 years and older | 298,391 | 0.147457 | -0.008047 | 0.006690 | -1.202816 |
| 65 to 74 years old | 204,187 | 0.100904 | 0.005343 | 0.005495 | 0.972390 |
| 75 and older | 94,204 | 0.046553 | -0.013390 | 0.003383 | -3.958062 |
| **Sex:** |  |  |  |  |  |
| Male | 997,643 | 0.493009 | -0.004605 | 0.005643 | -0.816094 |
| Female | 1,025,935 | 0.506991 | 0.004605 | 0.005643 | 0.816094 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 359,619 | 0.177714 | -0.052373 | 0.010398 | -5.036872 |
| Non-Hispanic | 1,663,959 | 0.822286 | 0.052373 | 0.010398 | 5.036872 |
| **Race:** |  |  |  |  |  |
| White | 1,499,341 | 0.740936 | -0.050087 | 0.011336 | -4.418421 |
| African American | 176,223 | 0.087085 | 0.006729 | 0.008557 | 0.786423 |
| Asian American | 168,808 | 0.083421 | 0.002791 | 0.006759 | 0.412961 |
| All Others | 179,206 | 0.088559 | 0.040567 | 0.007923 | 5.120105 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 361,521 | 0.212655 | 0.020394 | 0.008741 | 2.333108 |
| $25,000 to $34,999 | 189,279 | 0.111338 | 0.005783 | 0.007830 | 0.738577 |
| $35,000 to $49,999 | 211,994 | 0.124700 | -0.021250 | 0.007570 | -2.807089 |
| $50,000 to $74,999 | 404,784 | 0.238103 | 0.029041 | 0.011037 | 2.631201 |
| $75,000 to $99,999 | 163,100 | 0.095939 | -0.042221 | 0.006311 | -6.690142 |
| $100,000 to $149,999 | 204,207 | 0.120119 | -0.012358 | 0.007401 | -1.669719 |
| $150,000 or more | 165,152 | 0.097146 | 0.020611 | 0.007643 | 2.696771 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 281,201 | 0.138962 | -0.018257 | 0.008012 | -2.278699 |
| 12 years | 663,411 | 0.327841 | 0.031174 | 0.009178 | 3.396591 |
| 1 to 3 years of college | 521,742 | 0.257831 | -0.069803 | 0.007746 | -9.011507 |
| 4 years of college | 363,664 | 0.179713 | 0.035446 | 0.007479 | 4.739369 |
| 5 years or more of college | 193,560 | 0.095652 | 0.021440 | 0.005061 | 4.236398 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New Hampshire: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 14,487 | 0.020564 | 36,639 |  | 36,639 | 0.034776 | -0.014212 | 0.003162 | -4.494488 |
| 18 to 24 years old | 46,383 | 0.065841 | 122,037 |  | 122,037 | 0.115831 | -0.049991 | 0.007101 | -7.039940 |
| 25 to 34 years old | 97,312 | 0.138134 | 142,993 |  | 142,993 | 0.135722 | 0.002413 | 0.013163 | 0.183293 |
| 35 to 44 years old | 153,987 | 0.218584 | 176,052 |  | 176,052 | 0.167099 | 0.051485 | 0.015092 | 3.411402 |
| 45 to 54 years old | 158,292 | 0.224695 | 224,494 |  | 224,494 | 0.213078 | 0.011617 | 0.013094 | 0.887214 |
| 55 to 64 years old | 93,488 | 0.132706 | 179,121 |  | 179,121 | 0.170012 | -0.037306 | 0.008566 | -4.355161 |
| 65 years and older | 140,525 | 0.199475 | 172,240 |  | 172,240 | 0.163481 | 0.035994 | 0.013532 | 2.659898 |
| 65 to 74 years old | 91,556 | 0.129964 | 96,677 |  | 96,677 | 0.091761 | 0.038203 | 0.011303 | 3.379882 |
| 75 and older | 48,969 | 0.069511 | 75,563 |  | 75,563 | 0.071721 | -0.002209 | 0.006098 | -0.362261 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 331,998 | 0.471271 | 514,205 |  | 514,205 | 0.488057 | -0.016786 | 0.009228 | -1.819040 |
| Female | 372,476 | 0.528729 | 539,371 |  | 539,371 | 0.511943 | 0.016786 | 0.009228 | 1.819040 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 15,270 | 0.021676 | 24,079 |  | 24,079 | 0.022855 | -0.001179 | 0.004388 | -0.268641 |
| Non-Hispanic | 689,204 | 0.978324 | 1,029,497 |  | 1,029,497 | 0.977145 | 0.001179 | 0.004388 | 0.268641 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 678,073 | 0.962524 | 1,006,515 |  | 1,006,515 | 0.955332 | 0.007192 | 0.005242 | 1.371936 |
| African American | 538 | 0.000764 | 11,451 |  | 11,451 | 0.010869 | -0.010105 | 0.000384 | -26.315126 |
| Asian American | 7,366 | 0.010456 | 22,037 |  | 22,037 | 0.020916 | -0.010460 | 0.002462 | -4.248723 |
| All Others | 18,497 | 0.026256 | 13,573 |  | 13,573 | 0.012883 | 0.013374 | 0.004859 | 2.752352 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 74,056 | 0.130829 |  | 87,087 | 87,087 | 0.169495 | -0.038665 | 0.009696 | -3.987767 |
| $25,000 to $34,999 | 61,617 | 0.108854 |  | 45,618 | 45,618 | 0.088785 | 0.020069 | 0.013257 | 1.513866 |
| $35,000 to $49,999 | 52,492 | 0.092734 |  | 68,889 | 68,889 | 0.134076 | -0.041343 | 0.007052 | -5.862553 |
| $50,000 to $74,999 | 111,467 | 0.196920 |  | 100,126 | 100,126 | 0.194872 | 0.002048 | 0.013185 | 0.155362 |
| $75,000 to $99,999 | 115,510 | 0.204063 |  | 75,988 | 75,988 | 0.147893 | 0.056170 | 0.015073 | 3.726525 |
| $100,000 to $149,999 | 99,362 | 0.175535 |  | 83,705 | 83,705 | 0.162912 | 0.012623 | 0.011623 | 1.086045 |
| $150,000 or more | 51,547 | 0.091064 |  | 52,391 | 52,391 | 0.101967 | -0.010903 | 0.008225 | -1.325552 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 39,271 | 0.055745 |  | 81,053 | 81,053 | 0.090522 | -0.034777 | 0.004945 | -7.032679 |
| 12 years | 278,889 | 0.395882 |  | 266,353 | 266,353 | 0.297469 | 0.098414 | 0.015266 | 6.446583 |
| 1 to 3 years of college | 152,779 | 0.216869 |  | 253,793 | 253,793 | 0.283441 | -0.066572 | 0.010339 | -6.438914 |
| 4 years of college | 159,212 | 0.226001 |  | 187,794 | 187,794 | 0.209732 | 0.016269 | 0.011267 | 1.443927 |
| 5 years or more of college | 74,324 | 0.105503 |  | 106,406 | 106,406 | 0.118836 | -0.013334 | 0.006692 | -1.992488 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New Hampshire: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 21,761 | 0.020409 | -0.014366 | 0.003166 | -4.537732 |
| 18 to 24 years old | 70,967 | 0.066559 | -0.049272 | 0.007137 | -6.903756 |
| 25 to 34 years old | 147,097 | 0.137961 | 0.002239 | 0.013164 | 0.170084 |
| 35 to 44 years old | 233,966 | 0.219434 | 0.052335 | 0.015121 | 3.461048 |
| 45 to 54 years old | 239,497 | 0.224621 | 0.011543 | 0.013093 | 0.881640 |
| 55 to 64 years old | 141,463 | 0.132676 | -0.037336 | 0.008567 | -4.358109 |
| 65 years and older | 211,474 | 0.198339 | 0.034858 | 0.013592 | 2.564573 |
| 65 to 74 years old | 137,578 | 0.129033 | 0.037272 | 0.011347 | 3.284743 |
| 75 and older | 73,896 | 0.069306 | -0.002414 | 0.006104 | -0.395528 |
| **Sex:** |  |  |  |  |  |
| Male | 502,481 | 0.471271 | -0.016786 | 0.009228 | -1.819007 |
| Female | 563,744 | 0.528729 | 0.016786 | 0.009228 | 1.819007 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 23,159 | 0.021721 | -0.001134 | 0.004388 | -0.258430 |
| Non-Hispanic | 1,043,066 | 0.978279 | 0.001134 | 0.004388 | 0.258430 |
| **Race:** |  |  |  |  |  |
| White | 1,026,308 | 0.962562 | 0.007230 | 0.005242 | 1.379280 |
| African American | 794 | 0.000745 | -0.010124 | 0.000384 | -26.364623 |
| Asian American | 11,172 | 0.010478 | -0.010438 | 0.002462 | -4.239762 |
| All Others | 27,951 | 0.026215 | 0.013332 | 0.004860 | 2.743236 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 112,195 | 0.131086 | -0.038408 | 0.009697 | -3.960850 |
| $25,000 to $34,999 | 93,708 | 0.109486 | 0.020702 | 0.013265 | 1.560617 |
| $35,000 to $49,999 | 79,842 | 0.093286 | -0.040791 | 0.007058 | -5.779362 |
| $50,000 to $74,999 | 168,423 | 0.196782 | 0.001910 | 0.013189 | 0.144806 |
| $75,000 to $99,999 | 173,492 | 0.202704 | 0.054811 | 0.015117 | 3.625809 |
| $100,000 to $149,999 | 150,025 | 0.175286 | 0.012374 | 0.011628 | 1.064127 |
| $150,000 or more | 78,202 | 0.091370 | -0.010597 | 0.008226 | -1.288276 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 59,202 | 0.055525 | -0.034997 | 0.004952 | -7.067214 |
| 12 years | 422,972 | 0.396700 | 0.099232 | 0.015294 | 6.488272 |
| 1 to 3 years of college | 231,119 | 0.216764 | -0.066678 | 0.010339 | -6.449137 |
| 4 years of college | 240,485 | 0.225548 | 0.015816 | 0.011278 | 1.402347 |
| 5 years or more of college | 112,448 | 0.105464 | -0.013373 | 0.006693 | -1.998033 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New Jersey: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 117,198 | 0.027824 | 247,992 |  | 247,992 | 0.036036 | -0.008212 | 0.002171 | -3.782773 |
| 18 to 24 years old | 478,713 | 0.113650 | 756,673 |  | 756,673 | 0.109953 | 0.003697 | 0.005241 | 0.705350 |
| 25 to 34 years old | 653,232 | 0.155082 | 1,093,639 |  | 1,093,639 | 0.158918 | -0.003836 | 0.007398 | -0.518542 |
| 35 to 44 years old | 810,160 | 0.192338 | 1,217,218 |  | 1,217,218 | 0.176876 | 0.015462 | 0.006907 | 2.238631 |
| 45 to 54 years old | 766,042 | 0.181864 | 1,368,269 |  | 1,368,269 | 0.198825 | -0.016961 | 0.005566 | -3.047272 |
| 55 to 64 years old | 717,251 | 0.170280 | 1,047,295 |  | 1,047,295 | 0.152184 | 0.018097 | 0.005902 | 3.066197 |
| 65 years and older | 669,578 | 0.158963 | 1,150,692 |  | 1,150,692 | 0.167209 | -0.008246 | 0.005743 | -1.435829 |
| 65 to 74 years old | 343,379 | 0.081521 | 608,667 |  | 608,667 | 0.088446 | -0.006926 | 0.004299 | -1.610973 |
| 75 and older | 326,198 | 0.077442 | 542,025 |  | 542,025 | 0.078762 | -0.001321 | 0.003980 | -0.331816 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 2,021,673 | 0.479960 | 3,287,493 |  | 3,287,493 | 0.477710 | 0.002250 | 0.004198 | 0.535895 |
| Female | 2,190,501 | 0.520040 | 3,594,285 |  | 3,594,285 | 0.522290 | -0.002250 | 0.004198 | -0.535895 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 461,476 | 0.109558 | 1,137,251 |  | 1,137,251 | 0.165255 | -0.055698 | 0.006255 | -8.904508 |
| Non-Hispanic | 3,750,697 | 0.890442 | 5,744,527 |  | 5,744,527 | 0.834745 | 0.055698 | 0.006255 | 8.904508 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,976,640 | 0.706675 | 5,216,112 |  | 5,216,112 | 0.757960 | -0.051284 | 0.010939 | -4.688223 |
| African American | 461,431 | 0.109547 | 944,364 |  | 944,364 | 0.137227 | -0.027680 | 0.007415 | -3.732940 |
| Asian American | 447,122 | 0.106150 | 586,506 |  | 586,506 | 0.085226 | 0.020924 | 0.009113 | 2.296060 |
| All Others | 326,981 | 0.077628 | 134,796 |  | 134,796 | 0.019587 | 0.058040 | 0.005289 | 10.973763 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 416,448 | 0.126638 |  | 544,995 | 544,995 | 0.171594 | -0.044956 | 0.005973 | -7.526616 |
| $25,000 to $34,999 | 226,093 | 0.068753 |  | 250,896 | 250,896 | 0.078996 | -0.010243 | 0.005039 | -2.032769 |
| $35,000 to $49,999 | 379,494 | 0.115400 |  | 354,166 | 354,166 | 0.111511 | 0.003890 | 0.005282 | 0.736382 |
| $50,000 to $74,999 | 666,219 | 0.202591 |  | 537,687 | 537,687 | 0.169293 | 0.033297 | 0.008121 | 4.100156 |
| $75,000 to $99,999 | 436,262 | 0.132663 |  | 428,486 | 428,486 | 0.134911 | -0.002248 | 0.006821 | -0.329547 |
| $100,000 to $149,999 | 544,117 | 0.165461 |  | 548,970 | 548,970 | 0.172846 | -0.007385 | 0.006907 | -1.069226 |
| $150,000 or more | 619,866 | 0.188495 |  | 510,869 | 510,869 | 0.160849 | 0.027646 | 0.008546 | 3.234923 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 330,423 | 0.078445 |  | 750,070 | 750,070 | 0.127357 | -0.048912 | 0.003539 | -13.820849 |
| 12 years | 1,289,783 | 0.306204 |  | 1,753,082 | 1,753,082 | 0.297661 | 0.008542 | 0.006569 | 1.300398 |
| 1 to 3 years of college | 888,406 | 0.210914 |  | 1,348,972 | 1,348,972 | 0.229046 | -0.018132 | 0.006060 | -2.992132 |
| 4 years of college | 1,010,731 | 0.239955 |  | 1,274,368 | 1,274,368 | 0.216379 | 0.023576 | 0.007200 | 3.274410 |
| 5 years or more of college | 692,831 | 0.164483 |  | 763,027 | 763,027 | 0.129557 | 0.034926 | 0.006144 | 5.684609 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New Jersey: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 191,668 | 0.027971 | -0.008065 | 0.002176 | -3.706415 |
| 18 to 24 years old | 779,142 | 0.113703 | 0.003750 | 0.005242 | 0.715410 |
| 25 to 34 years old | 1,063,647 | 0.155222 | -0.003696 | 0.007399 | -0.499504 |
| 35 to 44 years old | 1,318,379 | 0.192396 | 0.015521 | 0.006907 | 2.247112 |
| 45 to 54 years old | 1,240,425 | 0.181020 | -0.017805 | 0.005630 | -3.162478 |
| 55 to 64 years old | 1,168,875 | 0.170579 | 0.018395 | 0.005908 | 3.113544 |
| 65 years and older | 1,090,277 | 0.159108 | -0.008100 | 0.005744 | -1.410177 |
| 65 to 74 years old | 558,815 | 0.081550 | -0.006896 | 0.004299 | -1.604112 |
| 75 and older | 531,462 | 0.077558 | -0.001204 | 0.003981 | -0.302431 |
| **Sex:** |  |  |  |  |  |
| Male | 3,288,102 | 0.479846 | 0.002136 | 0.004199 | 0.508716 |
| Female | 3,564,310 | 0.520154 | -0.002136 | 0.004199 | -0.508716 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 749,895 | 0.109435 | -0.055820 | 0.006256 | -8.922669 |
| Non-Hispanic | 6,102,517 | 0.890565 | 0.055820 | 0.006256 | 8.922669 |
| **Race:** |  |  |  |  |  |
| White | 4,825,282 | 0.704173 | -0.053787 | 0.011235 | -4.787464 |
| African American | 759,037 | 0.110769 | -0.026457 | 0.007517 | -3.519679 |
| Asian American | 733,321 | 0.107016 | 0.021791 | 0.009158 | 2.379399 |
| All Others | 534,772 | 0.078041 | 0.058454 | 0.005306 | 11.016594 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 681,037 | 0.127385 | -0.044210 | 0.005995 | -7.374397 |
| $25,000 to $34,999 | 367,308 | 0.068703 | -0.010293 | 0.005040 | -2.042178 |
| $35,000 to $49,999 | 617,625 | 0.115524 | 0.004013 | 0.005282 | 0.759745 |
| $50,000 to $74,999 | 1,080,789 | 0.202156 | 0.032863 | 0.008133 | 4.040715 |
| $75,000 to $99,999 | 708,473 | 0.132516 | -0.002394 | 0.006824 | -0.350870 |
| $100,000 to $149,999 | 881,674 | 0.164913 | -0.007933 | 0.006927 | -1.145210 |
| $150,000 or more | 1,009,396 | 0.188803 | 0.027953 | 0.008547 | 3.270526 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 539,671 | 0.078756 | -0.048600 | 0.003553 | -13.678689 |
| 12 years | 2,091,403 | 0.305207 | 0.007546 | 0.006646 | 1.135354 |
| 1 to 3 years of college | 1,443,908 | 0.210715 | -0.018331 | 0.006064 | -3.022903 |
| 4 years of college | 1,648,832 | 0.240621 | 0.024242 | 0.007230 | 3.352939 |
| 5 years or more of college | 1,128,597 | 0.164701 | 0.035144 | 0.006149 | 5.715394 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New Mexico: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 29,565 | 0.029262 | 1,569,287 |  | 1,569,287 | 0.546862 | -0.517601 | 0.002933 | -176.474820 |
| 18 to 24 years old | 113,858 | 0.112691 | 59,121 |  | 59,121 | 0.020602 | 0.092088 | 0.009322 | 9.878582 |
| 25 to 34 years old | 174,500 | 0.172711 | 197,296 |  | 197,296 | 0.068753 | 0.103957 | 0.013373 | 7.773674 |
| 35 to 44 years old | 144,296 | 0.142816 | 257,312 |  | 257,312 | 0.089668 | 0.053149 | 0.005723 | 9.286872 |
| 45 to 54 years old | 173,818 | 0.172036 | 241,268 |  | 241,268 | 0.084077 | 0.087959 | 0.009767 | 9.005738 |
| 55 to 64 years old | 162,438 | 0.160772 | 287,726 |  | 287,726 | 0.100266 | 0.060506 | 0.008147 | 7.426798 |
| 65 years and older | 211,885 | 0.209712 | 257,609 |  | 257,609 | 0.089771 | 0.119941 | 0.008317 | 14.421213 |
| 65 to 74 years old | 122,689 | 0.121431 | 268,955 |  | 268,955 | 0.093725 | 0.027706 | 0.006589 | 4.204885 |
| 75 and older | 89,196 | 0.088281 | 153,951 |  | 153,951 | 0.053649 | 0.034633 | 0.004655 | 7.439918 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 492,720 | 0.487668 | 758,327 |  | 758,327 | 0.483230 | 0.004437 | 0.006193 | 0.716532 |
| Female | 517,640 | 0.512332 | 810,960 |  | 810,960 | 0.516770 | -0.004437 | 0.006193 | -0.716532 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 441,453 | 0.436927 | 675,817 |  | 675,817 | 0.430652 | 0.006275 | 0.011246 | 0.557942 |
| Non-Hispanic | 568,906 | 0.563073 | 893,470 |  | 893,470 | 0.569348 | -0.006275 | 0.011246 | -0.557942 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 793,062 | 0.784930 | 1,332,470 |  | 1,332,470 | 0.849093 | -0.064162 | 0.015239 | -4.210413 |
| African American | 13,336 | 0.013199 | 34,019 |  | 34,019 | 0.021678 | -0.008479 | 0.002310 | -3.670451 |
| Asian American | 12,520 | 0.012392 | 24,793 |  | 24,793 | 0.015799 | -0.003407 | 0.003081 | -1.105898 |
| All Others | 191,442 | 0.189479 | 178,005 |  | 178,005 | 0.113430 | 0.076049 | 0.014830 | 5.128018 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 203,045 | 0.239916 |  | 216,405 | 216,405 | 0.286208 | -0.046291 | 0.011675 | -3.964994 |
| $25,000 to $34,999 | 134,645 | 0.159095 |  | 89,929 | 89,929 | 0.118936 | 0.040159 | 0.011096 | 3.619263 |
| $35,000 to $49,999 | 129,427 | 0.152930 |  | 114,925 | 114,925 | 0.151995 | 0.000935 | 0.009418 | 0.099299 |
| $50,000 to $74,999 | 187,460 | 0.221501 |  | 135,040 | 135,040 | 0.178598 | 0.042903 | 0.014149 | 3.032250 |
| $75,000 to $99,999 | 89,411 | 0.105647 |  | 82,370 | 82,370 | 0.108939 | -0.003292 | 0.007880 | -0.417714 |
| $100,000 to $149,999 | 63,024 | 0.074469 |  | 75,645 | 75,645 | 0.100045 | -0.025576 | 0.005752 | -4.446465 |
| $150,000 or more | 39,304 | 0.046441 |  | 41,798 | 41,798 | 0.055280 | -0.008839 | 0.004453 | -1.984929 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 134,457 | 0.133078 |  | 224,153 | 224,153 | 0.172874 | -0.039795 | 0.006199 | -6.419662 |
| 12 years | 349,724 | 0.346138 |  | 349,895 | 349,895 | 0.269850 | 0.076288 | 0.009525 | 8.009259 |
| 1 to 3 years of college | 253,548 | 0.250948 |  | 392,546 | 392,546 | 0.302744 | -0.051796 | 0.010729 | -4.827621 |
| 4 years of college | 146,287 | 0.144787 |  | 189,601 | 189,601 | 0.146226 | -0.001439 | 0.007167 | -0.200806 |
| 5 years or more of college | 126,343 | 0.125048 |  | 140,432 | 140,432 | 0.108306 | 0.016742 | 0.008539 | 1.960652 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New Mexico: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 45,255 | 0.029178 | -0.517685 | 0.002934 | -176.443388 |
| 18 to 24 years old | 174,732 | 0.112656 | 0.092054 | 0.009322 | 9.874906 |
| 25 to 34 years old | 268,647 | 0.173207 | 0.104453 | 0.013390 | 7.800851 |
| 35 to 44 years old | 221,514 | 0.142818 | 0.053151 | 0.005723 | 9.287212 |
| 45 to 54 years old | 266,789 | 0.172009 | 0.087932 | 0.009767 | 9.002988 |
| 55 to 64 years old | 249,098 | 0.160603 | 0.060337 | 0.008151 | 7.402347 |
| 65 years and older | 324,984 | 0.209529 | 0.119758 | 0.008319 | 14.395744 |
| 65 to 74 years old | 188,151 | 0.121308 | 0.027583 | 0.006590 | 4.185585 |
| 75 and older | 136,834 | 0.088222 | 0.034573 | 0.004655 | 7.427157 |
| **Sex:** |  |  |  |  |  |
| Male | 756,434 | 0.487701 | 0.004471 | 0.006193 | 0.721898 |
| Female | 794,586 | 0.512299 | -0.004471 | 0.006193 | -0.721898 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 678,627 | 0.437536 | 0.006884 | 0.011266 | 0.611014 |
| Non-Hispanic | 872,393 | 0.562464 | -0.006884 | 0.011266 | -0.611014 |
| **Race:** |  |  |  |  |  |
| White | 1,217,796 | 0.785158 | -0.063934 | 0.015242 | -4.194624 |
| African American | 20,552 | 0.013251 | -0.008427 | 0.002311 | -3.646630 |
| Asian American | 19,183 | 0.012368 | -0.003431 | 0.003081 | -1.113569 |
| All Others | 293,489 | 0.189223 | 0.075793 | 0.014834 | 5.109392 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 311,994 | 0.240097 | -0.046111 | 0.011677 | -3.948874 |
| $25,000 to $34,999 | 206,559 | 0.158959 | 0.040022 | 0.011095 | 3.607252 |
| $35,000 to $49,999 | 198,867 | 0.153039 | 0.001044 | 0.009419 | 0.110887 |
| $50,000 to $74,999 | 288,162 | 0.221757 | 0.043159 | 0.014151 | 3.049868 |
| $75,000 to $99,999 | 136,941 | 0.105384 | -0.003555 | 0.007884 | -0.450943 |
| $100,000 to $149,999 | 96,562 | 0.074310 | -0.025735 | 0.005754 | -4.472526 |
| $150,000 or more | 60,367 | 0.046456 | -0.008824 | 0.004453 | -1.981683 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 206,353 | 0.133043 | -0.039831 | 0.006199 | -6.425312 |
| 12 years | 537,081 | 0.346276 | 0.076426 | 0.009526 | 8.022868 |
| 1 to 3 years of college | 389,410 | 0.251067 | -0.051677 | 0.010731 | -4.815667 |
| 4 years of college | 224,285 | 0.144605 | -0.001621 | 0.007170 | -0.226148 |
| 5 years or more of college | 193,891 | 0.125009 | 0.016703 | 0.008540 | 1.955864 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New York: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 238,470 | 0.025905 | 528,618 |  | 528,618 | 0.034408 | -0.008503 | 0.002916 | -2.916101 |
| 18 to 24 years old | 1,167,301 | 0.126803 | 1,954,209 |  | 1,954,209 | 0.127201 | -0.000398 | 0.009879 | -0.040294 |
| 25 to 34 years old | 1,656,846 | 0.179982 | 2,627,725 |  | 2,627,725 | 0.171040 | 0.008941 | 0.010243 | 0.872899 |
| 35 to 44 years old | 1,410,044 | 0.153172 | 2,567,812 |  | 2,567,812 | 0.167141 | -0.013969 | 0.007941 | -1.759095 |
| 45 to 54 years old | 1,683,782 | 0.182908 | 2,854,029 |  | 2,854,029 | 0.185771 | -0.002863 | 0.008529 | -0.335695 |
| 55 to 64 years old | 1,430,521 | 0.155396 | 2,303,868 |  | 2,303,868 | 0.149960 | 0.005436 | 0.007550 | 0.719963 |
| 65 years and older | 1,618,680 | 0.175836 | 2,526,919 |  | 2,526,919 | 0.164479 | 0.011357 | 0.008579 | 1.323779 |
| 65 to 74 years old | 1,015,731 | 0.110338 | 1,349,895 |  | 1,349,895 | 0.087866 | 0.022472 | 0.006729 | 3.339613 |
| 75 and older | 602,949 | 0.065498 | 1,177,024 |  | 1,177,024 | 0.076613 | -0.011116 | 0.004535 | -2.451059 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 4,219,310 | 0.458340 | 7,295,553 |  | 7,295,553 | 0.474873 | -0.016533 | 0.008188 | -2.019182 |
| Female | 4,986,333 | 0.541660 | 8,067,627 |  | 8,067,627 | 0.525127 | 0.016533 | 0.008188 | 2.019182 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 652,896 | 0.070923 | 2,533,807 |  | 2,533,807 | 0.164927 | -0.094004 | 0.005888 | -15.965318 |
| Non-Hispanic | 8,552,747 | 0.929077 | 12,829,373 |  | 12,829,373 | 0.835073 | 0.094004 | 0.005888 | 15.965318 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 7,244,488 | 0.786962 | 11,193,843 |  | 11,193,843 | 0.728615 | 0.058347 | 0.012177 | 4.791548 |
| African American | 703,586 | 0.076430 | 2,543,744 |  | 2,543,744 | 0.165574 | -0.089144 | 0.006956 | -12.815439 |
| Asian American | 675,084 | 0.073334 | 1,213,955 |  | 1,213,955 | 0.079017 | -0.005683 | 0.010398 | -0.546591 |
| All Others | 582,485 | 0.063275 | 411,638 |  | 411,638 | 0.026794 | 0.036481 | 0.005442 | 6.703597 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 1,551,784 | 0.221662 |  | 1,683,358 | 1,683,358 | 0.233613 | -0.011951 | 0.014808 | -0.807084 |
| $25,000 to $34,999 | 759,095 | 0.108432 |  | 679,265 | 679,265 | 0.094267 | 0.014165 | 0.007085 | 1.999229 |
| $35,000 to $49,999 | 926,463 | 0.132339 |  | 906,907 | 906,907 | 0.125859 | 0.006480 | 0.007595 | 0.853220 |
| $50,000 to $74,999 | 1,232,254 | 0.176019 |  | 1,250,942 | 1,250,942 | 0.173604 | 0.002416 | 0.008754 | 0.275973 |
| $75,000 to $99,999 | 1,062,487 | 0.151769 |  | 878,506 | 878,506 | 0.121918 | 0.029852 | 0.008780 | 3.399975 |
| $100,000 to $149,999 | 722,551 | 0.103212 |  | 973,368 | 973,368 | 0.135082 | -0.031871 | 0.006238 | -5.109111 |
| $150,000 or more | 746,037 | 0.106566 |  | 833,394 | 833,394 | 0.115657 | -0.009090 | 0.006784 | -1.339986 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 1,008,611 | 0.109564 |  | 2,008,788 | 2,008,788 | 0.155546 | -0.045982 | 0.007874 | -5.839664 |
| 12 years | 2,963,712 | 0.321945 |  | 3,646,632 | 3,646,632 | 0.282369 | 0.039576 | 0.009629 | 4.110130 |
| 1 to 3 years of college | 2,225,546 | 0.241759 |  | 3,109,848 | 3,109,848 | 0.240804 | 0.000955 | 0.010177 | 0.093824 |
| 4 years of college | 1,484,335 | 0.161242 |  | 2,368,185 | 2,368,185 | 0.183375 | -0.022133 | 0.009063 | -2.442147 |
| 5 years or more of college | 1,523,440 | 0.165490 |  | 1,780,983 | 1,780,983 | 0.137906 | 0.027583 | 0.008339 | 3.307760 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for New York: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 389,240 | 0.025108 | -0.009300 | 0.003021 | -3.078589 |
| 18 to 24 years old | 1,982,375 | 0.127872 | 0.000671 | 0.009941 | 0.067508 |
| 25 to 34 years old | 2,838,762 | 0.183113 | 0.012072 | 0.010716 | 1.126559 |
| 35 to 44 years old | 2,369,543 | 0.152846 | -0.014295 | 0.007947 | -1.798755 |
| 45 to 54 years old | 2,809,803 | 0.181245 | -0.004526 | 0.008695 | -0.520536 |
| 55 to 64 years old | 2,379,415 | 0.153483 | 0.003522 | 0.007784 | 0.452516 |
| 65 years and older | 2,733,680 | 0.176334 | 0.011855 | 0.008589 | 1.380311 |
| 65 to 74 years old | 1,723,263 | 0.111158 | 0.023292 | 0.006774 | 3.438508 |
| 75 and older | 1,010,416 | 0.065176 | -0.011437 | 0.004549 | -2.514185 |
| **Sex:** |  |  |  |  |  |
| Male | 7,096,441 | 0.457752 | -0.017121 | 0.008209 | -2.085622 |
| Female | 8,406,376 | 0.542248 | 0.017121 | 0.008209 | 2.085622 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 1,124,909 | 0.072562 | -0.092366 | 0.006103 | -15.134469 |
| Non-Hispanic | 14,377,908 | 0.927438 | 0.092366 | 0.006103 | 15.134469 |
| **Race:** |  |  |  |  |  |
| White | 12,098,971 | 0.780437 | 0.051822 | 0.013814 | 3.751405 |
| African American | 1,223,115 | 0.078896 | -0.086678 | 0.007369 | -11.762485 |
| Asian American | 1,177,659 | 0.075964 | -0.003053 | 0.010738 | -0.284316 |
| All Others | 1,003,073 | 0.064703 | 0.037909 | 0.005622 | 6.742942 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 2,653,772 | 0.224589 | -0.009024 | 0.015057 | -0.599325 |
| $25,000 to $34,999 | 1,289,969 | 0.109170 | 0.014903 | 0.007124 | 2.091973 |
| $35,000 to $49,999 | 1,570,496 | 0.132912 | 0.007053 | 0.007620 | 0.925529 |
| $50,000 to $74,999 | 2,048,764 | 0.173387 | -0.000216 | 0.008916 | -0.024236 |
| $75,000 to $99,999 | 1,771,066 | 0.149886 | 0.027968 | 0.008861 | 3.156333 |
| $100,000 to $149,999 | 1,205,136 | 0.101991 | -0.033091 | 0.006286 | -5.264289 |
| $150,000 or more | 1,276,900 | 0.108064 | -0.007593 | 0.006909 | -1.098939 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,712,636 | 0.110473 | -0.045073 | 0.007929 | -5.684622 |
| 12 years | 4,934,019 | 0.318266 | 0.035897 | 0.010325 | 3.476736 |
| 1 to 3 years of college | 3,758,769 | 0.242457 | 0.001653 | 0.010202 | 0.162042 |
| 4 years of college | 2,505,426 | 0.161611 | -0.021764 | 0.009071 | -2.399295 |
| 5 years or more of college | 2,591,967 | 0.167193 | 0.029287 | 0.008508 | 3.442280 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for North Carolina: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 136,406 | 0.028041 | 254,499 |  | 254,499 | 0.034809 | -0.006767 | 0.004855 | -1.393910 |
| 18 to 24 years old | 481,722 | 0.099029 | 880,453 |  | 880,453 | 0.120422 | -0.021394 | 0.006975 | -3.067237 |
| 25 to 34 years old | 821,810 | 0.168941 | 1,190,726 |  | 1,190,726 | 0.162860 | 0.006081 | 0.011495 | 0.529055 |
| 35 to 44 years old | 772,686 | 0.158843 | 1,291,318 |  | 1,291,318 | 0.176618 | -0.017775 | 0.009672 | -1.837813 |
| 45 to 54 years old | 969,960 | 0.199397 | 1,353,824 |  | 1,353,824 | 0.185167 | 0.014230 | 0.009459 | 1.504335 |
| 55 to 64 years old | 783,442 | 0.161054 | 1,138,886 |  | 1,138,886 | 0.155769 | 0.005284 | 0.007208 | 0.733135 |
| 65 years and older | 898,452 | 0.184696 | 1,201,661 |  | 1,201,661 | 0.164355 | 0.020341 | 0.008996 | 2.261151 |
| 65 to 74 years old | 441,904 | 0.090843 | 694,821 |  | 694,821 | 0.095033 | -0.004190 | 0.004840 | -0.865689 |
| 75 and older | 456,548 | 0.093853 | 506,840 |  | 506,840 | 0.069322 | 0.024531 | 0.007557 | 3.246162 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 2,420,488 | 0.497584 | 3,451,566 |  | 3,451,566 | 0.472082 | 0.025502 | 0.006299 | 4.048620 |
| Female | 2,443,989 | 0.502416 | 3,859,801 |  | 3,859,801 | 0.527918 | -0.025502 | 0.006299 | -4.048620 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 442,021 | 0.090867 | 505,024 |  | 505,024 | 0.069074 | 0.021793 | 0.014663 | 1.486277 |
| Non-Hispanic | 4,422,457 | 0.909133 | 6,806,343 |  | 6,806,343 | 0.930926 | -0.021793 | 0.014663 | -1.486277 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 3,770,844 | 0.775180 | 5,412,203 |  | 5,412,203 | 0.740245 | 0.034935 | 0.010824 | 3.227509 |
| African American | 687,122 | 0.141253 | 1,534,944 |  | 1,534,944 | 0.209939 | -0.068686 | 0.009849 | -6.973949 |
| Asian American | 99,028 | 0.020357 | 163,358 |  | 163,358 | 0.022343 | -0.001986 | 0.004598 | -0.431849 |
| All Others | 307,484 | 0.063210 | 200,862 |  | 200,862 | 0.027473 | 0.035738 | 0.007737 | 4.619039 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 1,368,032 | 0.325647 |  | 978,208 | 978,208 | 0.269763 | 0.055884 | 0.017340 | 3.222830 |
| $25,000 to $34,999 | 593,406 | 0.141254 |  | 431,763 | 431,763 | 0.119068 | 0.022186 | 0.008751 | 2.535273 |
| $35,000 to $49,999 | 426,703 | 0.101572 |  | 552,640 | 552,640 | 0.152403 | -0.050830 | 0.009187 | -5.532859 |
| $50,000 to $74,999 | 726,133 | 0.172849 |  | 676,157 | 676,157 | 0.186465 | -0.013617 | 0.011421 | -1.192240 |
| $75,000 to $99,999 | 499,601 | 0.118925 |  | 409,499 | 409,499 | 0.112929 | 0.005997 | 0.007418 | 0.808387 |
| $100,000 to $149,999 | 370,655 | 0.088231 |  | 359,150 | 359,150 | 0.099044 | -0.010813 | 0.007135 | -1.515467 |
| $150,000 or more | 216,441 | 0.051522 |  | 218,762 | 218,762 | 0.060329 | -0.008807 | 0.004763 | -1.849015 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 808,003 | 0.166103 |  | 1,006,055 | 1,006,055 | 0.164345 | 0.001758 | 0.010150 | 0.173192 |
| 12 years | 1,640,512 | 0.337243 |  | 1,728,039 | 1,728,039 | 0.282285 | 0.054958 | 0.010457 | 5.255634 |
| 1 to 3 years of college | 992,017 | 0.203931 |  | 1,789,677 | 1,789,677 | 0.292354 | -0.088423 | 0.008101 | -10.915085 |
| 4 years of college | 932,320 | 0.191659 |  | 1,065,675 | 1,065,675 | 0.174084 | 0.017575 | 0.008350 | 2.104757 |
| 5 years or more of college | 491,626 | 0.101064 |  | 532,165 | 532,165 | 0.086932 | 0.014132 | 0.009572 | 1.476422 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for North Carolina: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 207,024 | 0.028500 | -0.006308 | 0.004883 | -1.291925 |
| 18 to 24 years old | 726,611 | 0.100030 | -0.020393 | 0.007044 | -2.895047 |
| 25 to 34 years old | 1,211,169 | 0.166737 | 0.003877 | 0.011700 | 0.331408 |
| 35 to 44 years old | 1,157,865 | 0.159399 | -0.017219 | 0.009692 | -1.776618 |
| 45 to 54 years old | 1,464,628 | 0.201630 | 0.016463 | 0.009712 | 1.695095 |
| 55 to 64 years old | 1,163,892 | 0.160229 | 0.004459 | 0.007262 | 0.614068 |
| 65 years and older | 1,332,758 | 0.183476 | 0.019121 | 0.009085 | 2.104629 |
| 65 to 74 years old | 656,673 | 0.090402 | -0.004631 | 0.004866 | -0.951768 |
| 75 and older | 676,085 | 0.093074 | 0.023752 | 0.007595 | 3.127302 |
| **Sex:** |  |  |  |  |  |
| Male | 3,620,953 | 0.498483 | 0.026401 | 0.006364 | 4.148430 |
| Female | 3,642,995 | 0.501517 | -0.026401 | 0.006364 | -4.148430 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 680,603 | 0.093696 | 0.024622 | 0.014982 | 1.643452 |
| Non-Hispanic | 6,583,345 | 0.906304 | -0.024622 | 0.014982 | -1.643452 |
| **Race:** |  |  |  |  |  |
| White | 5,646,280 | 0.777302 | 0.037057 | 0.011027 | 3.360561 |
| African American | 1,020,455 | 0.140482 | -0.069457 | 0.009877 | -7.032220 |
| Asian American | 143,531 | 0.019759 | -0.002584 | 0.004633 | -0.557662 |
| All Others | 453,681 | 0.062457 | 0.034984 | 0.007778 | 4.497811 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 2,051,673 | 0.327268 | 0.057505 | 0.017400 | 3.304907 |
| $25,000 to $34,999 | 897,795 | 0.143210 | 0.024141 | 0.008903 | 2.711613 |
| $35,000 to $49,999 | 628,596 | 0.100269 | -0.052134 | 0.009260 | -5.629993 |
| $50,000 to $74,999 | 1,079,188 | 0.172144 | -0.014321 | 0.011446 | -1.251189 |
| $75,000 to $99,999 | 743,824 | 0.118649 | 0.005721 | 0.007426 | 0.770394 |
| $100,000 to $149,999 | 544,007 | 0.086776 | -0.012268 | 0.007264 | -1.688817 |
| $150,000 or more | 324,006 | 0.051683 | -0.008645 | 0.004764 | -1.814737 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,221,286 | 0.168130 | 0.003785 | 0.010378 | 0.364713 |
| 12 years | 2,443,595 | 0.336400 | 0.054115 | 0.010491 | 5.158273 |
| 1 to 3 years of college | 1,479,267 | 0.203645 | -0.088709 | 0.008109 | -10.939555 |
| 4 years of college | 1,381,955 | 0.190248 | 0.016164 | 0.008479 | 1.906406 |
| 5 years or more of college | 737,844 | 0.101576 | 0.014644 | 0.009587 | 1.527485 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Ohio: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 214,159 | 0.035702 | 324,181 |  | 324,181 | 0.036120 | -0.000418 | 0.003732 | -0.111992 |
| 18 to 24 years old | 602,408 | 0.100427 | 1,090,222 |  | 1,090,222 | 0.121472 | -0.021046 | 0.009425 | -2.232945 |
| 25 to 34 years old | 963,714 | 0.160660 | 1,382,410 |  | 1,382,410 | 0.154028 | 0.006632 | 0.008959 | 0.740253 |
| 35 to 44 years old | 1,198,381 | 0.199781 | 1,450,512 |  | 1,450,512 | 0.161616 | 0.038165 | 0.011876 | 3.213635 |
| 45 to 54 years old | 1,238,734 | 0.206508 | 1,719,076 |  | 1,719,076 | 0.191539 | 0.014969 | 0.009964 | 1.502306 |
| 55 to 64 years old | 908,094 | 0.151387 | 1,451,386 |  | 1,451,386 | 0.161713 | -0.010326 | 0.010240 | -1.008371 |
| 65 years and older | 872,985 | 0.145534 | 1,557,275 |  | 1,557,275 | 0.173511 | -0.027977 | 0.009500 | -2.944931 |
| 65 to 74 years old | 476,370 | 0.079415 | 840,170 |  | 840,170 | 0.093612 | -0.014196 | 0.005639 | -2.517543 |
| 75 and older | 396,615 | 0.066119 | 717,105 |  | 717,105 | 0.079900 | -0.013780 | 0.007718 | -1.785491 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 2,889,692 | 0.481738 | 4,304,664 |  | 4,304,664 | 0.479625 | 0.002113 | 0.007706 | 0.274153 |
| Female | 3,108,785 | 0.518262 | 4,670,398 |  | 4,670,398 | 0.520375 | -0.002113 | 0.007706 | -0.274153 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 63,188 | 0.010534 | 228,361 |  | 228,361 | 0.025444 | -0.014910 | 0.002303 | -6.474137 |
| Non-Hispanic | 5,935,288 | 0.989466 | 8,746,701 |  | 8,746,701 | 0.974556 | 0.014910 | 0.002303 | 6.474137 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 5,447,544 | 0.908155 | 7,665,948 |  | 7,665,948 | 0.854139 | 0.054016 | 0.009360 | 5.770935 |
| African American | 446,300 | 0.074402 | 1,022,222 |  | 1,022,222 | 0.113896 | -0.039494 | 0.008891 | -4.441973 |
| Asian American | 30,075 | 0.005014 | 154,824 |  | 154,824 | 0.017250 | -0.012237 | 0.001514 | -8.082360 |
| All Others | 74,557 | 0.012429 | 132,068 |  | 132,068 | 0.014715 | -0.002286 | 0.003322 | -0.688041 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 1,044,083 | 0.212066 |  | 1,174,856 | 1,174,856 | 0.258081 | -0.046016 | 0.011467 | -4.012872 |
| $25,000 to $34,999 | 525,144 | 0.106663 |  | 520,543 | 520,543 | 0.114348 | -0.007685 | 0.009597 | -0.800769 |
| $35,000 to $49,999 | 888,920 | 0.180550 |  | 691,867 | 691,867 | 0.151983 | 0.028567 | 0.015825 | 1.805209 |
| $50,000 to $74,999 | 1,040,443 | 0.211326 |  | 874,828 | 874,828 | 0.192174 | 0.019152 | 0.013983 | 1.369692 |
| $75,000 to $99,999 | 600,946 | 0.122059 |  | 546,220 | 546,220 | 0.119988 | 0.002071 | 0.010300 | 0.201051 |
| $100,000 to $149,999 | 553,996 | 0.112523 |  | 481,959 | 481,959 | 0.105872 | 0.006651 | 0.006864 | 0.968965 |
| $150,000 or more | 269,861 | 0.054812 |  | 261,997 | 261,997 | 0.057553 | -0.002741 | 0.005933 | -0.462000 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 701,040 | 0.116870 |  | 962,586 | 962,586 | 0.125730 | -0.008860 | 0.007486 | -1.183548 |
| 12 years | 2,176,174 | 0.362788 |  | 2,744,596 | 2,744,596 | 0.358490 | 0.004298 | 0.012003 | 0.358076 |
| 1 to 3 years of college | 1,550,757 | 0.258525 |  | 2,100,358 | 2,100,358 | 0.274342 | -0.015816 | 0.013175 | -1.200492 |
| 4 years of college | 853,123 | 0.142223 |  | 1,173,544 | 1,173,544 | 0.153284 | -0.011061 | 0.007072 | -1.564063 |
| 5 years or more of college | 717,382 | 0.119594 |  | 674,910 | 674,910 | 0.088154 | 0.031440 | 0.007697 | 4.084655 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Ohio: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 321,510 | 0.035726 | -0.000394 | 0.003732 | -0.105589 |
| 18 to 24 years old | 907,046 | 0.100791 | -0.020682 | 0.009433 | -2.192469 |
| 25 to 34 years old | 1,449,201 | 0.161035 | 0.007007 | 0.008966 | 0.781517 |
| 35 to 44 years old | 1,794,961 | 0.199456 | 0.037840 | 0.011879 | 3.185450 |
| 45 to 54 years old | 1,859,263 | 0.206601 | 0.015062 | 0.009965 | 1.511473 |
| 55 to 64 years old | 1,362,521 | 0.151403 | -0.010310 | 0.010240 | -1.006844 |
| 65 years and older | 1,304,791 | 0.144988 | -0.028523 | 0.009520 | -2.996131 |
| 65 to 74 years old | 711,569 | 0.079069 | -0.014542 | 0.005653 | -2.572471 |
| 75 and older | 593,222 | 0.065919 | -0.013981 | 0.007721 | -1.810775 |
| **Sex:** |  |  |  |  |  |
| Male | 4,332,665 | 0.481445 | 0.001820 | 0.007713 | 0.235979 |
| Female | 4,666,627 | 0.518555 | -0.001820 | 0.007713 | -0.235979 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 94,126 | 0.010459 | -0.014985 | 0.002304 | -6.503767 |
| Non-Hispanic | 8,905,166 | 0.989541 | 0.014985 | 0.002304 | 6.503767 |
| **Race:** |  |  |  |  |  |
| White | 8,161,805 | 0.906939 | 0.052800 | 0.009440 | 5.593215 |
| African American | 680,788 | 0.075649 | -0.038247 | 0.008982 | -4.258155 |
| Asian American | 44,593 | 0.004955 | -0.012295 | 0.001515 | -8.115708 |
| All Others | 112,105 | 0.012457 | -0.002258 | 0.003322 | -0.679682 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,559,528 | 0.211152 | -0.046930 | 0.011493 | -4.083338 |
| $25,000 to $34,999 | 768,328 | 0.104027 | -0.010321 | 0.009834 | -1.049482 |
| $35,000 to $49,999 | 1,344,425 | 0.182028 | 0.030045 | 0.015881 | 1.891879 |
| $50,000 to $74,999 | 1,569,609 | 0.212516 | 0.020342 | 0.014015 | 1.451477 |
| $75,000 to $99,999 | 902,334 | 0.122171 | 0.002183 | 0.010300 | 0.211902 |
| $100,000 to $149,999 | 832,689 | 0.112742 | 0.006869 | 0.006866 | 1.000480 |
| $150,000 or more | 408,910 | 0.055364 | -0.002189 | 0.005947 | -0.368063 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,045,214 | 0.116144 | -0.009586 | 0.007524 | -1.274014 |
| 12 years | 3,254,939 | 0.361688 | 0.003199 | 0.012056 | 0.265308 |
| 1 to 3 years of college | 2,343,590 | 0.260419 | -0.013922 | 0.013329 | -1.044508 |
| 4 years of college | 1,280,795 | 0.142322 | -0.010963 | 0.007072 | -1.550138 |
| 5 years or more of college | 1,074,753 | 0.119426 | 0.031272 | 0.007699 | 4.061820 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Pennsylvania: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 337,912 | 0.044396 | 344,011 |  | 344,011 | 0.034158 | 0.010238 | 0.005168 | 1.980975 |
| 18 to 24 years old | 1,123,868 | 0.147658 | 1,241,304 |  | 1,241,304 | 0.123254 | 0.024403 | 0.013333 | 1.830280 |
| 25 to 34 years old | 928,969 | 0.122051 | 1,481,544 |  | 1,481,544 | 0.147109 | -0.025058 | 0.009475 | -2.644626 |
| 35 to 44 years old | 1,205,996 | 0.158448 | 1,578,724 |  | 1,578,724 | 0.156758 | 0.001689 | 0.010723 | 0.157557 |
| 45 to 54 years old | 1,642,527 | 0.215801 | 1,916,645 |  | 1,916,645 | 0.190312 | 0.025489 | 0.014045 | 1.814793 |
| 55 to 64 years old | 1,100,673 | 0.144610 | 1,625,199 |  | 1,625,199 | 0.161373 | -0.016763 | 0.009214 | -1.819287 |
| 65 years and older | 1,271,369 | 0.167037 | 1,883,643 |  | 1,883,643 | 0.187035 | -0.019998 | 0.010159 | -1.968532 |
| 65 to 74 years old | 797,133 | 0.104730 | 971,502 |  | 971,502 | 0.096465 | 0.008265 | 0.007888 | 1.047843 |
| 75 and older | 474,236 | 0.062307 | 912,141 |  | 912,141 | 0.090570 | -0.028264 | 0.005226 | -5.408285 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 3,643,918 | 0.478750 | 4,818,531 |  | 4,818,531 | 0.478453 | 0.000297 | 0.008998 | 0.033050 |
| Female | 3,967,397 | 0.521250 | 5,252,539 |  | 5,252,539 | 0.521547 | -0.000297 | 0.008998 | -0.033050 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 410,040 | 0.053872 | 475,293 |  | 475,293 | 0.047194 | 0.006679 | 0.012912 | 0.517235 |
| Non-Hispanic | 7,201,275 | 0.946128 | 9,595,777 |  | 9,595,777 | 0.952806 | -0.006679 | 0.012912 | -0.517235 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 6,405,702 | 0.841603 | 8,626,560 |  | 8,626,560 | 0.856568 | -0.014966 | 0.019723 | -0.758801 |
| African American | 582,070 | 0.076474 | 1,023,333 |  | 1,023,333 | 0.101611 | -0.025137 | 0.012950 | -1.941069 |
| Asian American | 522,328 | 0.068625 | 282,842 |  | 282,842 | 0.028085 | 0.040541 | 0.018345 | 2.209899 |
| All Others | 101,215 | 0.013298 | 138,335 |  | 138,335 | 0.013736 | -0.000438 | 0.002986 | -0.146656 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 791,388 | 0.132489 |  | 1,207,302 | 1,207,302 | 0.244364 | -0.111875 | 0.007537 | -14.843423 |
| $25,000 to $34,999 | 799,462 | 0.133841 |  | 539,934 | 539,934 | 0.109286 | 0.024556 | 0.011875 | 2.067846 |
| $35,000 to $49,999 | 1,108,176 | 0.185524 |  | 705,090 | 705,090 | 0.142714 | 0.042810 | 0.014357 | 2.981841 |
| $50,000 to $74,999 | 1,100,277 | 0.184202 |  | 938,866 | 938,866 | 0.190031 | -0.005830 | 0.013121 | -0.444297 |
| $75,000 to $99,999 | 547,751 | 0.091701 |  | 610,403 | 610,403 | 0.123549 | -0.031848 | 0.008252 | -3.859379 |
| $100,000 to $149,999 | 887,041 | 0.148503 |  | 577,062 | 577,062 | 0.116800 | 0.031703 | 0.013819 | 2.294140 |
| $150,000 or more | 739,118 | 0.123739 |  | 361,924 | 361,924 | 0.073255 | 0.050483 | 0.014532 | 3.473948 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 969,773 | 0.127412 |  | 1,077,224 | 1,077,224 | 0.125863 | 0.001549 | 0.010658 | 0.145324 |
| 12 years | 3,094,513 | 0.406567 |  | 3,236,194 | 3,236,194 | 0.378118 | 0.028450 | 0.017763 | 1.601623 |
| 1 to 3 years of college | 1,365,968 | 0.179465 |  | 1,987,219 | 1,987,219 | 0.232187 | -0.052722 | 0.013756 | -3.832639 |
| 4 years of college | 1,331,908 | 0.174991 |  | 1,396,618 | 1,396,618 | 0.163181 | 0.011809 | 0.012128 | 0.973720 |
| 5 years or more of college | 849,154 | 0.111565 |  | 861,438 | 861,438 | 0.100651 | 0.010914 | 0.008684 | 1.256797 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Pennsylvania: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 446,593 | 0.044497 | 0.010339 | 0.005170 | 1.999795 |
| 18 to 24 years old | 1,484,824 | 0.147944 | 0.024689 | 0.013339 | 1.850909 |
| 25 to 34 years old | 1,233,561 | 0.122909 | -0.024200 | 0.009516 | -2.543120 |
| 35 to 44 years old | 1,576,665 | 0.157094 | 0.000336 | 0.010810 | 0.031098 |
| 45 to 54 years old | 2,169,448 | 0.216158 | 0.025846 | 0.014051 | 1.839426 |
| 55 to 64 years old | 1,455,100 | 0.144982 | -0.016391 | 0.009220 | -1.777758 |
| 65 years and older | 1,670,221 | 0.166416 | -0.020619 | 0.010188 | -2.023841 |
| 65 to 74 years old | 1,048,575 | 0.104477 | 0.008012 | 0.007894 | 1.015005 |
| 75 and older | 621,646 | 0.061939 | -0.028631 | 0.005245 | -5.458789 |
| **Sex:** |  |  |  |  |  |
| Male | 4,794,650 | 0.477726 | -0.000727 | 0.009054 | -0.080321 |
| Female | 5,241,762 | 0.522274 | 0.000727 | 0.009054 | 0.080321 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 547,829 | 0.054584 | 0.007390 | 0.012937 | 0.571250 |
| Non-Hispanic | 9,488,583 | 0.945416 | -0.007390 | 0.012937 | -0.571250 |
| **Race:** |  |  |  |  |  |
| White | 8,422,232 | 0.839168 | -0.017401 | 0.019906 | -0.874146 |
| African American | 777,747 | 0.077493 | -0.024119 | 0.012992 | -1.856421 |
| Asian American | 702,734 | 0.070018 | 0.041934 | 0.018417 | 2.276910 |
| All Others | 133,699 | 0.013321 | -0.000414 | 0.002986 | -0.138809 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 1,029,833 | 0.131125 | -0.113239 | 0.007680 | -14.744688 |
| $25,000 to $34,999 | 1,062,275 | 0.135256 | 0.025970 | 0.011905 | 2.181468 |
| $35,000 to $49,999 | 1,457,154 | 0.185535 | 0.042821 | 0.014366 | 2.980686 |
| $50,000 to $74,999 | 1,433,338 | 0.182502 | -0.007529 | 0.013248 | -0.568341 |
| $75,000 to $99,999 | 722,892 | 0.092043 | -0.031505 | 0.008252 | -3.817913 |
| $100,000 to $149,999 | 1,172,771 | 0.149325 | 0.032525 | 0.013823 | 2.352930 |
| $150,000 or more | 975,553 | 0.124214 | 0.050959 | 0.014532 | 3.506643 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 1,267,529 | 0.126293 | 0.000430 | 0.010719 | 0.040106 |
| 12 years | 4,084,173 | 0.406936 | 0.028818 | 0.017768 | 1.621892 |
| 1 to 3 years of college | 1,800,697 | 0.179416 | -0.052771 | 0.013756 | -3.836202 |
| 4 years of college | 1,757,042 | 0.175067 | 0.011886 | 0.012128 | 0.980007 |
| 5 years or more of college | 1,126,971 | 0.112288 | 0.011638 | 0.008712 | 1.335811 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Rhode Island: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 15,485 | 0.028983 | 28,254 |  | 28,254 | 0.033572 | -0.004589 | 0.002169 | -2.115748 |
| 18 to 24 years old | 50,508 | 0.094536 | 118,526 |  | 118,526 | 0.140837 | -0.046301 | 0.004903 | -9.443340 |
| 25 to 34 years old | 90,104 | 0.168648 | 124,686 |  | 124,686 | 0.148156 | 0.020492 | 0.006733 | 3.043473 |
| 35 to 44 years old | 80,169 | 0.150053 | 133,502 |  | 133,502 | 0.158632 | -0.008579 | 0.005209 | -1.646982 |
| 45 to 54 years old | 100,775 | 0.188621 | 160,865 |  | 160,865 | 0.191145 | -0.002524 | 0.006203 | -0.406977 |
| 55 to 64 years old | 93,341 | 0.174707 | 130,947 |  | 130,947 | 0.155596 | 0.019111 | 0.005052 | 3.782833 |
| 65 years and older | 103,891 | 0.194453 | 144,805 |  | 144,805 | 0.172062 | 0.022391 | 0.005831 | 3.839956 |
| 65 to 74 years old | 56,920 | 0.106537 | 73,570 |  | 73,570 | 0.087418 | 0.019119 | 0.004473 | 4.274293 |
| 75 and older | 46,971 | 0.087916 | 71,235 |  | 71,235 | 0.084644 | 0.003272 | 0.003618 | 0.904332 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 246,758 | 0.461858 | 399,026 |  | 399,026 | 0.474136 | -0.012278 | 0.005189 | -2.366144 |
| Female | 287,514 | 0.538142 | 442,559 |  | 442,559 | 0.525864 | 0.012278 | 0.005189 | 2.366144 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 52,183 | 0.097671 | 89,307 |  | 89,307 | 0.106118 | -0.008446 | 0.006471 | -1.305241 |
| Non-Hispanic | 482,088 | 0.902329 | 752,278 |  | 752,278 | 0.893882 | 0.008446 | 0.006471 | 1.305241 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 461,838 | 0.864425 | 741,057 |  | 741,057 | 0.880549 | -0.016124 | 0.007516 | -2.145335 |
| African American | 23,949 | 0.044825 | 53,610 |  | 53,610 | 0.063701 | -0.018876 | 0.004288 | -4.401994 |
| Asian American | 11,306 | 0.021162 | 25,290 |  | 25,290 | 0.030050 | -0.008889 | 0.002791 | -3.184857 |
| All Others | 37,179 | 0.069588 | 21,628 |  | 21,628 | 0.025699 | 0.043889 | 0.005563 | 7.889452 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 84,999 | 0.216745 |  | 97,215 | 97,215 | 0.236934 | -0.020189 | 0.008240 | -2.450108 |
| $25,000 to $34,999 | 36,394 | 0.092803 |  | 38,168 | 38,168 | 0.093023 | -0.000220 | 0.004940 | -0.044534 |
| $35,000 to $49,999 | 52,637 | 0.134223 |  | 52,111 | 52,111 | 0.127006 | 0.007217 | 0.005575 | 1.294542 |
| $50,000 to $74,999 | 54,923 | 0.140052 |  | 73,373 | 73,373 | 0.178826 | -0.038774 | 0.005844 | -6.634787 |
| $75,000 to $99,999 | 61,297 | 0.156305 |  | 56,712 | 56,712 | 0.138219 | 0.018086 | 0.005447 | 3.320392 |
| $100,000 to $149,999 | 54,457 | 0.138864 |  | 57,170 | 57,170 | 0.139335 | -0.000472 | 0.005024 | -0.093918 |
| $150,000 or more | 47,455 | 0.121009 |  | 35,556 | 35,556 | 0.086657 | 0.034351 | 0.005669 | 6.059478 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 71,437 | 0.133709 |  | 115,798 | 115,798 | 0.163418 | -0.029709 | 0.005046 | -5.887717 |
| 12 years | 167,750 | 0.313979 |  | 199,935 | 199,935 | 0.282156 | 0.031823 | 0.006896 | 4.614689 |
| 1 to 3 years of college | 121,527 | 0.227463 |  | 177,907 | 177,907 | 0.251069 | -0.023606 | 0.005801 | -4.069337 |
| 4 years of college | 103,195 | 0.193151 |  | 130,781 | 130,781 | 0.184563 | 0.008588 | 0.005599 | 1.533781 |
| 5 years or more of college | 70,363 | 0.131699 |  | 84,177 | 84,177 | 0.118794 | 0.012905 | 0.005295 | 2.437225 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Rhode Island: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 24,627 | 0.029048 | -0.004525 | 0.002170 | -2.085173 |
| 18 to 24 years old | 80,223 | 0.094623 | -0.046214 | 0.004904 | -9.423659 |
| 25 to 34 years old | 142,421 | 0.167986 | 0.019829 | 0.006763 | 2.932040 |
| 35 to 44 years old | 127,529 | 0.150420 | -0.008211 | 0.005222 | -1.572424 |
| 45 to 54 years old | 160,045 | 0.188773 | -0.002372 | 0.006205 | -0.382310 |
| 55 to 64 years old | 147,816 | 0.174349 | 0.018753 | 0.005064 | 3.703249 |
| 65 years and older | 165,156 | 0.194801 | 0.022739 | 0.005840 | 3.893704 |
| 65 to 74 years old | 90,568 | 0.106825 | 0.019407 | 0.004482 | 4.329888 |
| 75 and older | 74,588 | 0.087977 | 0.003333 | 0.003619 | 0.920883 |
| **Sex:** |  |  |  |  |  |
| Male | 391,508 | 0.461784 | -0.012353 | 0.005190 | -2.380094 |
| Female | 456,309 | 0.538216 | 0.012353 | 0.005190 | 2.380094 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 81,145 | 0.095711 | -0.010407 | 0.006756 | -1.540425 |
| Non-Hispanic | 766,672 | 0.904289 | 0.010407 | 0.006756 | 1.540425 |
| **Race:** |  |  |  |  |  |
| White | 733,965 | 0.865711 | -0.014839 | 0.007623 | -1.946561 |
| African American | 37,560 | 0.044302 | -0.019399 | 0.004319 | -4.491611 |
| Asian American | 18,027 | 0.021263 | -0.008788 | 0.002793 | -3.146302 |
| All Others | 58,266 | 0.068725 | 0.043026 | 0.005630 | 7.642190 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 133,614 | 0.214558 | -0.022375 | 0.008371 | -2.672949 |
| $25,000 to $34,999 | 57,417 | 0.092201 | -0.000823 | 0.004956 | -0.166038 |
| $35,000 to $49,999 | 83,500 | 0.134085 | 0.007079 | 0.005575 | 1.269835 |
| $50,000 to $74,999 | 87,384 | 0.140322 | -0.038504 | 0.005850 | -6.581830 |
| $75,000 to $99,999 | 98,014 | 0.157392 | 0.019172 | 0.005514 | 3.477040 |
| $100,000 to $149,999 | 87,075 | 0.139826 | 0.000490 | 0.005081 | 0.096484 |
| $150,000 or more | 75,736 | 0.121617 | 0.034960 | 0.005691 | 6.143012 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 112,494 | 0.132687 | -0.030732 | 0.005145 | -5.973142 |
| 12 years | 265,476 | 0.313129 | 0.030973 | 0.006948 | 4.457850 |
| 1 to 3 years of college | 192,976 | 0.227615 | -0.023454 | 0.005803 | -4.041678 |
| 4 years of college | 164,567 | 0.194107 | 0.009544 | 0.005678 | 1.680822 |
| 5 years or more of college | 112,304 | 0.132463 | 0.013669 | 0.005348 | 2.555875 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for South Carolina: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 85,394 | 0.035977 | 123,056 |  | 123,056 | 0.034398 | 0.001579 | 0.005266 | 0.299880 |
| 18 to 24 years old | 199,057 | 0.083865 | 450,805 |  | 450,805 | 0.126015 | -0.042150 | 0.006769 | -6.226931 |
| 25 to 34 years old | 354,982 | 0.149558 | 564,966 |  | 564,966 | 0.157927 | -0.008369 | 0.012190 | -0.686548 |
| 35 to 44 years old | 446,537 | 0.188131 | 582,960 |  | 582,960 | 0.162957 | 0.025174 | 0.012071 | 2.085506 |
| 45 to 54 years old | 420,531 | 0.177174 | 651,180 |  | 651,180 | 0.182026 | -0.004852 | 0.010986 | -0.441672 |
| 55 to 64 years old | 429,326 | 0.180880 | 584,485 |  | 584,485 | 0.163383 | 0.017497 | 0.011082 | 1.578838 |
| 65 years and older | 437,719 | 0.184416 | 619,942 |  | 619,942 | 0.173294 | 0.011121 | 0.011312 | 0.983145 |
| 65 to 74 years old | 297,388 | 0.125293 | 369,199 |  | 369,199 | 0.103203 | 0.022089 | 0.010311 | 2.142311 |
| 75 and older | 140,331 | 0.059123 | 250,743 |  | 250,743 | 0.070091 | -0.010968 | 0.004170 | -2.630224 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,093,116 | 0.460541 | 1,689,066 |  | 1,689,066 | 0.472150 | -0.011609 | 0.010573 | -1.097940 |
| Female | 1,280,430 | 0.539459 | 1,888,328 |  | 1,888,328 | 0.527850 | 0.011609 | 0.010573 | 1.097940 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 57,137 | 0.024072 | 155,021 |  | 155,021 | 0.043333 | -0.019261 | 0.007836 | -2.458024 |
| Non-Hispanic | 2,316,409 | 0.975928 | 3,422,373 |  | 3,422,373 | 0.956667 | 0.019261 | 0.007836 | 2.458024 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 1,635,007 | 0.688846 | 2,522,070 |  | 2,522,070 | 0.705002 | -0.016156 | 0.016374 | -0.986705 |
| African American | 686,266 | 0.289131 | 953,879 |  | 953,879 | 0.266641 | 0.022490 | 0.017334 | 1.297471 |
| Asian American | 30,313 | 0.012771 | 47,442 |  | 47,442 | 0.013262 | -0.000490 | 0.003719 | -0.131869 |
| All Others | 21,960 | 0.009252 | 54,003 |  | 54,003 | 0.015096 | -0.005844 | 0.002987 | -1.956359 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 567,355 | 0.274233 |  | 97,215 | 97,215 | 0.236934 | 0.037299 | 0.019589 | 1.904087 |
| $25,000 to $34,999 | 248,308 | 0.120020 |  | 38,168 | 38,168 | 0.093023 | 0.026997 | 0.010457 | 2.581706 |
| $35,000 to $49,999 | 321,826 | 0.155556 |  | 52,111 | 52,111 | 0.127006 | 0.028550 | 0.012546 | 2.275625 |
| $50,000 to $74,999 | 393,632 | 0.190263 |  | 73,373 | 73,373 | 0.178826 | 0.011438 | 0.016527 | 0.692058 |
| $75,000 to $99,999 | 244,595 | 0.118226 |  | 56,712 | 56,712 | 0.138219 | -0.019993 | 0.011941 | -1.674352 |
| $100,000 to $149,999 | 146,441 | 0.070783 |  | 57,170 | 57,170 | 0.139335 | -0.068553 | 0.006957 | -9.853773 |
| $150,000 or more | 146,725 | 0.070920 |  | 35,556 | 35,556 | 0.086657 | -0.015738 | 0.009393 | -1.675454 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 444,722 | 0.187366 |  | 506,502 | 506,502 | 0.169888 | 0.017478 | 0.012834 | 1.361826 |
| 12 years | 764,195 | 0.321963 |  | 931,546 | 931,546 | 0.312454 | 0.009509 | 0.013547 | 0.701917 |
| 1 to 3 years of college | 496,582 | 0.209215 |  | 829,138 | 829,138 | 0.278105 | -0.068890 | 0.012955 | -5.317646 |
| 4 years of college | 388,359 | 0.163620 |  | 462,485 | 462,485 | 0.155124 | 0.008495 | 0.009978 | 0.851404 |
| 5 years or more of college | 279,689 | 0.117836 |  | 251,711 | 251,711 | 0.084428 | 0.033408 | 0.007932 | 4.211833 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for South Carolina: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 125,770 | 0.035377 | 0.000978 | 0.005294 | 0.184810 |
| 18 to 24 years old | 297,595 | 0.083708 | -0.042307 | 0.006772 | -6.247392 |
| 25 to 34 years old | 531,725 | 0.149564 | -0.008363 | 0.012190 | -0.686053 |
| 35 to 44 years old | 657,429 | 0.184922 | 0.021965 | 0.012485 | 1.759322 |
| 45 to 54 years old | 638,244 | 0.179525 | -0.002501 | 0.011232 | -0.222664 |
| 55 to 64 years old | 641,537 | 0.180452 | 0.017069 | 0.011089 | 1.539250 |
| 65 years and older | 662,874 | 0.186453 | 0.013159 | 0.011501 | 1.144163 |
| 65 to 74 years old | 446,532 | 0.125601 | 0.022397 | 0.010317 | 2.170909 |
| 75 and older | 216,341 | 0.060852 | -0.009239 | 0.004506 | -2.050273 |
| **Sex:** |  |  |  |  |  |
| Male | 1,636,104 | 0.460204 | -0.011946 | 0.010576 | -1.129558 |
| Female | 1,919,070 | 0.539796 | 0.011946 | 0.010576 | 1.129558 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 85,093 | 0.023935 | -0.019399 | 0.007836 | -2.475565 |
| Non-Hispanic | 3,470,081 | 0.976065 | 0.019399 | 0.007836 | 2.475565 |
| **Race:** |  |  |  |  |  |
| White | 2,495,200 | 0.701850 | -0.003152 | 0.020856 | -0.151127 |
| African American | 981,754 | 0.276148 | 0.009507 | 0.021584 | 0.440471 |
| Asian American | 44,902 | 0.012630 | -0.000632 | 0.003723 | -0.169640 |
| All Others | 33,319 | 0.009372 | -0.005724 | 0.002989 | -1.914906 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 838,892 | 0.271285 | 0.034352 | 0.019790 | 1.735811 |
| $25,000 to $34,999 | 373,063 | 0.120643 | 0.027620 | 0.010461 | 2.640240 |
| $35,000 to $49,999 | 474,087 | 0.153313 | 0.026307 | 0.012767 | 2.060560 |
| $50,000 to $74,999 | 596,808 | 0.192999 | 0.014173 | 0.016637 | 0.851916 |
| $75,000 to $99,999 | 368,003 | 0.119007 | -0.019212 | 0.011952 | -1.607465 |
| $100,000 to $149,999 | 222,040 | 0.071804 | -0.067531 | 0.006999 | -9.648655 |
| $150,000 or more | 219,395 | 0.070949 | -0.015708 | 0.009393 | -1.672352 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 662,442 | 0.186332 | 0.016443 | 0.012858 | 1.278852 |
| 12 years | 1,141,230 | 0.321005 | 0.008551 | 0.013578 | 0.629766 |
| 1 to 3 years of college | 752,467 | 0.211654 | -0.066451 | 0.013151 | -5.052939 |
| 4 years of college | 585,390 | 0.164659 | 0.009534 | 0.010025 | 0.951046 |
| 5 years or more of college | 413,645 | 0.116350 | 0.031923 | 0.008073 | 3.954232 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Tennessee: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 102,060 | 0.030045 | 170,936 |  | 170,936 | 0.034642 | -0.004597 | 0.005711 | -0.804887 |
| 18 to 24 years old | 356,021 | 0.104807 | 592,341 |  | 592,341 | 0.120043 | -0.015236 | 0.011524 | -1.322086 |
| 25 to 34 years old | 585,761 | 0.172439 | 801,504 |  | 801,504 | 0.162431 | 0.010008 | 0.016813 | 0.595225 |
| 35 to 44 years old | 730,212 | 0.214963 | 835,747 |  | 835,747 | 0.169371 | 0.045592 | 0.015151 | 3.009173 |
| 45 to 54 years old | 571,072 | 0.168114 | 917,280 |  | 917,280 | 0.185894 | -0.017780 | 0.009919 | -1.792481 |
| 55 to 64 years old | 524,646 | 0.154447 | 787,371 |  | 787,371 | 0.159567 | -0.005120 | 0.007489 | -0.683615 |
| 65 years and older | 527,151 | 0.155185 | 829,243 |  | 829,243 | 0.168053 | -0.012868 | 0.010465 | -1.229609 |
| 65 to 74 years old | 305,591 | 0.089961 | 484,587 |  | 484,587 | 0.098205 | -0.008244 | 0.007530 | -1.094861 |
| 75 and older | 221,560 | 0.065224 | 344,656 |  | 344,656 | 0.069847 | -0.004624 | 0.005127 | -0.901805 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 1,631,753 | 0.480362 | 2,353,245 |  | 2,353,245 | 0.476904 | 0.003458 | 0.007734 | 0.447142 |
| Female | 1,765,170 | 0.519638 | 2,581,177 |  | 2,581,177 | 0.523096 | -0.003458 | 0.007734 | -0.447142 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 228,839 | 0.067367 | 188,029 |  | 188,029 | 0.038106 | 0.029261 | 0.014146 | 2.068498 |
| Non-Hispanic | 3,168,084 | 0.932633 | 4,746,393 |  | 4,746,393 | 0.961894 | -0.029261 | 0.014146 | -2.068498 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 2,730,366 | 0.803776 | 4,014,511 |  | 4,014,511 | 0.813573 | -0.009796 | 0.018527 | -0.528766 |
| African American | 394,938 | 0.116263 | 773,406 |  | 773,406 | 0.156737 | -0.040473 | 0.016105 | -2.513098 |
| Asian American | 114,569 | 0.033727 | 72,111 |  | 72,111 | 0.014614 | 0.019113 | 0.008180 | 2.336604 |
| All Others | 157,050 | 0.046233 | 74,394 |  | 74,394 | 0.015077 | 0.031156 | 0.011185 | 2.785559 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 634,727 | 0.235064 |  | 703,814 | 703,814 | 0.288038 | -0.052974 | 0.019540 | -2.711077 |
| $25,000 to $34,999 | 335,759 | 0.124344 |  | 297,286 | 297,286 | 0.121665 | 0.002679 | 0.009248 | 0.289701 |
| $35,000 to $49,999 | 419,297 | 0.155282 |  | 377,431 | 377,431 | 0.154465 | 0.000817 | 0.012056 | 0.067757 |
| $50,000 to $74,999 | 577,154 | 0.213742 |  | 452,950 | 452,950 | 0.185371 | 0.028371 | 0.015135 | 1.874527 |
| $75,000 to $99,999 | 347,906 | 0.128843 |  | 261,744 | 261,744 | 0.107120 | 0.021723 | 0.012051 | 1.802617 |
| $100,000 to $149,999 | 232,383 | 0.086060 |  | 216,506 | 216,506 | 0.088606 | -0.002545 | 0.010400 | -0.244756 |
| $150,000 or more | 153,008 | 0.056665 |  | 133,744 | 133,744 | 0.054735 | 0.001930 | 0.008169 | 0.236205 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 636,361 | 0.187335 |  | 727,830 | 727,830 | 0.175122 | 0.012213 | 0.012086 | 1.010473 |
| 12 years | 1,211,909 | 0.356767 |  | 1,387,505 | 1,387,505 | 0.333845 | 0.022921 | 0.012820 | 1.787943 |
| 1 to 3 years of college | 727,213 | 0.214080 |  | 1,097,796 | 1,097,796 | 0.264139 | -0.050059 | 0.013831 | -3.619330 |
| 4 years of college | 538,055 | 0.158395 |  | 610,966 | 610,966 | 0.147004 | 0.011391 | 0.013384 | 0.851114 |
| 5 years or more of college | 283,385 | 0.083424 |  | 332,035 | 332,035 | 0.079890 | 0.003534 | 0.006700 | 0.527409 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Tennessee: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 147,972 | 0.029923 | -0.004718 | 0.005710 | -0.826299 |
| 18 to 24 years old | 519,586 | 0.105072 | -0.014970 | 0.011528 | -1.298600 |
| 25 to 34 years old | 856,347 | 0.173173 | 0.010742 | 0.016827 | 0.638384 |
| 35 to 44 years old | 1,064,305 | 0.215227 | 0.045856 | 0.015159 | 3.025029 |
| 45 to 54 years old | 827,714 | 0.167383 | -0.018511 | 0.009948 | -1.860786 |
| 55 to 64 years old | 762,421 | 0.154179 | -0.005388 | 0.007500 | -0.718369 |
| 65 years and older | 766,685 | 0.155042 | -0.013011 | 0.010471 | -1.242592 |
| 65 to 74 years old | 444,332 | 0.089854 | -0.008351 | 0.007533 | -1.108611 |
| 75 and older | 322,353 | 0.065187 | -0.004660 | 0.005128 | -0.908740 |
| **Sex:** |  |  |  |  |  |
| Male | 2,375,094 | 0.480299 | 0.003395 | 0.007733 | 0.439070 |
| Female | 2,569,936 | 0.519701 | -0.003395 | 0.007733 | -0.439070 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 336,796 | 0.068108 | 0.030002 | 0.014169 | 2.117468 |
| Non-Hispanic | 4,608,234 | 0.931892 | -0.030002 | 0.014169 | -2.117468 |
| **Race:** |  |  |  |  |  |
| White | 3,964,732 | 0.801761 | -0.011812 | 0.018656 | -0.633133 |
| African American | 582,813 | 0.117858 | -0.038879 | 0.016183 | -2.402432 |
| Asian American | 166,377 | 0.033645 | 0.019031 | 0.008178 | 2.327149 |
| All Others | 231,108 | 0.046735 | 0.031659 | 0.011197 | 2.827442 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 927,589 | 0.235728 | -0.052310 | 0.019546 | -2.676261 |
| $25,000 to $34,999 | 487,879 | 0.123985 | 0.002319 | 0.009250 | 0.250736 |
| $35,000 to $49,999 | 611,407 | 0.155377 | 0.000912 | 0.012058 | 0.075622 |
| $50,000 to $74,999 | 838,894 | 0.213188 | 0.027817 | 0.015136 | 1.837782 |
| $75,000 to $99,999 | 506,110 | 0.128618 | 0.021498 | 0.012050 | 1.784069 |
| $100,000 to $149,999 | 338,605 | 0.086050 | -0.002556 | 0.010401 | -0.245763 |
| $150,000 or more | 224,514 | 0.057056 | 0.002321 | 0.008175 | 0.283856 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 927,778 | 0.187618 | 0.012496 | 0.012090 | 1.033610 |
| 12 years | 1,758,720 | 0.355654 | 0.021809 | 0.012857 | 1.696264 |
| 1 to 3 years of college | 1,063,094 | 0.214982 | -0.049157 | 0.013846 | -3.550232 |
| 4 years of college | 782,900 | 0.158321 | 0.011317 | 0.013384 | 0.845569 |
| 5 years or more of college | 412,537 | 0.083425 | 0.003534 | 0.006700 | 0.527492 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Texas: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 525,397 | 0.045475 | 749,618 |  | 749,618 | 0.040253 | 0.005222 | 0.005544 | 0.941961 |
| 18 to 24 years old | 1,292,406 | 0.111862 | 2,487,977 |  | 2,487,977 | 0.133598 | -0.021736 | 0.010090 | -2.154228 |
| 25 to 34 years old | 2,219,986 | 0.192147 | 3,493,579 |  | 3,493,579 | 0.187597 | 0.004551 | 0.012178 | 0.373678 |
| 35 to 44 years old | 1,762,223 | 0.152526 | 3,372,073 |  | 3,372,073 | 0.181072 | -0.028546 | 0.010798 | -2.643610 |
| 45 to 54 years old | 2,441,464 | 0.211317 | 3,380,593 |  | 3,380,593 | 0.181530 | 0.029787 | 0.012418 | 2.398726 |
| 55 to 64 years old | 1,767,845 | 0.153013 | 2,598,984 |  | 2,598,984 | 0.139559 | 0.013454 | 0.010454 | 1.286960 |
| 65 years and older | 1,544,246 | 0.133660 | 2,540,004 |  | 2,540,004 | 0.136392 | -0.002732 | 0.009228 | -0.296086 |
| 65 to 74 years old | 1,208,952 | 0.104639 | 1,468,319 |  | 1,468,319 | 0.078845 | 0.025794 | 0.007898 | 3.265857 |
| 75 and older | 335,294 | 0.029021 | 1,071,685 |  | 1,071,685 | 0.057547 | -0.028526 | 0.003790 | -7.526655 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 5,394,628 | 0.466923 | 9,012,257 |  | 9,012,257 | 0.483936 | -0.017013 | 0.009983 | -1.704182 |
| Female | 6,158,939 | 0.533077 | 9,610,571 |  | 9,610,571 | 0.516064 | 0.017013 | 0.009983 | 1.704182 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 4,127,885 | 0.357282 | 6,401,695 |  | 6,401,695 | 0.343755 | 0.013527 | 0.017701 | 0.764198 |
| Non-Hispanic | 7,425,681 | 0.642718 | 12,221,133 |  | 12,221,133 | 0.656245 | -0.013527 | 0.017701 | -0.764198 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 8,210,579 | 0.710653 | 15,251,496 |  | 15,251,496 | 0.818968 | -0.108315 | 0.019032 | -5.691180 |
| African American | 1,109,808 | 0.096058 | 2,170,059 |  | 2,170,059 | 0.116527 | -0.020469 | 0.013828 | -1.480273 |
| Asian American | 579,119 | 0.050125 | 777,320 |  | 777,320 | 0.041740 | 0.008385 | 0.009263 | 0.905163 |
| All Others | 1,654,060 | 0.143164 | 423,953 |  | 423,953 | 0.022765 | 0.120399 | 0.014973 | 8.041089 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 2,680,496 | 0.270710 |  | 2,118,973 | 2,118,973 | 0.248146 | 0.022563 | 0.017036 | 1.324450 |
| $25,000 to $34,999 | 979,756 | 0.098948 |  | 951,035 | 951,035 | 0.111373 | -0.012425 | 0.008318 | -1.493732 |
| $35,000 to $49,999 | 1,498,476 | 0.151335 |  | 1,224,666 | 1,224,666 | 0.143417 | 0.007918 | 0.016162 | 0.489904 |
| $50,000 to $74,999 | 1,496,969 | 0.151182 |  | 1,545,800 | 1,545,800 | 0.181024 | -0.029841 | 0.010672 | -2.796231 |
| $75,000 to $99,999 | 1,081,453 | 0.109219 |  | 999,489 | 999,489 | 0.117047 | -0.007829 | 0.010671 | -0.733628 |
| $100,000 to $149,999 | 1,489,172 | 0.150395 |  | 1,001,528 | 1,001,528 | 0.117286 | 0.033109 | 0.012319 | 2.687653 |
| $150,000 or more | 675,414 | 0.068212 |  | 697,715 | 697,715 | 0.081707 | -0.013496 | 0.006936 | -1.945728 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 2,227,859 | 0.192829 |  | 3,020,998 | 3,020,998 | 0.199849 | -0.007021 | 0.011588 | -0.605862 |
| 12 years | 3,575,276 | 0.309452 |  | 3,928,438 | 3,928,438 | 0.259880 | 0.049572 | 0.013644 | 3.633279 |
| 1 to 3 years of college | 2,466,658 | 0.213498 |  | 4,272,812 | 4,272,812 | 0.282661 | -0.069164 | 0.010664 | -6.485717 |
| 4 years of college | 2,198,304 | 0.190271 |  | 2,609,718 | 2,609,718 | 0.172642 | 0.017629 | 0.012295 | 1.433816 |
| 5 years or more of college | 1,085,469 | 0.093951 |  | 1,284,405 | 1,284,405 | 0.084968 | 0.008983 | 0.006372 | 1.409790 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Texas: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 851,902 | 0.045603 | 0.005350 | 0.005547 | 0.964495 |
| 18 to 24 years old | 2,083,703 | 0.111542 | -0.022057 | 0.010093 | -2.185345 |
| 25 to 34 years old | 3,589,274 | 0.192135 | 0.004539 | 0.012178 | 0.372709 |
| 35 to 44 years old | 2,858,489 | 0.153016 | -0.028056 | 0.010808 | -2.595839 |
| 45 to 54 years old | 3,948,651 | 0.211373 | 0.029844 | 0.012419 | 2.403054 |
| 55 to 64 years old | 2,869,031 | 0.153581 | 0.014021 | 0.010468 | 1.339460 |
| 65 years and older | 2,479,908 | 0.132751 | -0.003641 | 0.009280 | -0.392390 |
| 65 to 74 years old | 1,942,722 | 0.103995 | 0.025150 | 0.007929 | 3.171858 |
| 75 and older | 537,186 | 0.028756 | -0.028791 | 0.003801 | -7.574596 |
| **Sex:** |  |  |  |  |  |
| Male | 8,732,041 | 0.467430 | -0.016506 | 0.009994 | -1.651590 |
| Female | 9,948,918 | 0.532570 | 0.016506 | 0.009994 | 1.651590 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 6,699,751 | 0.358641 | 0.014885 | 0.017762 | 0.838046 |
| Non-Hispanic | 11,981,208 | 0.641359 | -0.014885 | 0.017762 | -0.838046 |
| **Race:** |  |  |  |  |  |
| White | 13,188,498 | 0.705986 | -0.112982 | 0.019628 | -5.756146 |
| African American | 1,879,385 | 0.100604 | -0.015923 | 0.014585 | -1.091705 |
| Asian American | 930,095 | 0.049788 | 0.008048 | 0.009269 | 0.868295 |
| All Others | 2,682,981 | 0.143621 | 0.120856 | 0.014981 | 8.067280 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 4,386,058 | 0.274075 | 0.025928 | 0.017268 | 1.501514 |
| $25,000 to $34,999 | 1,566,635 | 0.097895 | -0.013477 | 0.008378 | -1.608666 |
| $35,000 to $49,999 | 2,439,631 | 0.152447 | 0.009030 | 0.016196 | 0.557545 |
| $50,000 to $74,999 | 2,396,286 | 0.149738 | -0.031286 | 0.010759 | -2.907849 |
| $75,000 to $99,999 | 1,743,038 | 0.108918 | -0.008129 | 0.010674 | -0.761542 |
| $100,000 to $149,999 | 2,370,482 | 0.148126 | 0.030840 | 0.012481 | 2.470959 |
| $150,000 or more | 1,101,029 | 0.068801 | -0.012907 | 0.006952 | -1.856519 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 3,627,663 | 0.194190 | -0.005659 | 0.011673 | -0.484795 |
| 12 years | 5,781,257 | 0.309473 | 0.049594 | 0.013645 | 3.634558 |
| 1 to 3 years of college | 3,960,173 | 0.211990 | -0.070671 | 0.010780 | -6.555790 |
| 4 years of college | 3,555,094 | 0.190306 | 0.017664 | 0.012295 | 1.436675 |
| 5 years or more of college | 1,756,772 | 0.094041 | 0.009073 | 0.006371 | 1.424104 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Vermont: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 6,665 | 0.018776 | 16,628 |  | 16,628 | 0.032728 | -0.013952 | 0.003049 | -4.575962 |
| 18 to 24 years old | 46,656 | 0.131436 | 64,772 |  | 64,772 | 0.127488 | 0.003948 | 0.012408 | 0.318159 |
| 25 to 34 years old | 40,530 | 0.114178 | 69,076 |  | 69,076 | 0.135960 | -0.021781 | 0.013087 | -1.664357 |
| 35 to 44 years old | 51,398 | 0.144795 | 77,230 |  | 77,230 | 0.152009 | -0.007214 | 0.010371 | -0.695601 |
| 45 to 54 years old | 80,996 | 0.228176 | 101,742 |  | 101,742 | 0.200255 | 0.027921 | 0.011202 | 2.492528 |
| 55 to 64 years old | 66,284 | 0.186731 | 90,341 |  | 90,341 | 0.177815 | 0.008916 | 0.009502 | 0.938311 |
| 65 years and older | 62,442 | 0.175907 | 88,273 |  | 88,273 | 0.173745 | 0.002163 | 0.011147 | 0.194024 |
| 65 to 74 years old | 39,936 | 0.112505 | 49,590 |  | 49,590 | 0.097606 | 0.014899 | 0.009695 | 1.536748 |
| 75 and older | 22,506 | 0.063402 | 38,683 |  | 38,683 | 0.076138 | -0.012736 | 0.005965 | -2.135119 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 172,324 | 0.485458 | 247,696 |  | 247,696 | 0.487531 | -0.002073 | 0.009094 | -0.227957 |
| Female | 182,648 | 0.514542 | 260,366 |  | 260,366 | 0.512469 | 0.002073 | 0.009094 | 0.227957 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 3,303 | 0.009305 | 6,682 |  | 6,682 | 0.013152 | -0.003847 | 0.002341 | -1.643306 |
| Non-Hispanic | 351,669 | 0.990695 | 501,380 |  | 501,380 | 0.986848 | 0.003847 | 0.002341 | 1.643306 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 343,604 | 0.967975 | 489,086 |  | 489,086 | 0.962650 | 0.005325 | 0.004154 | 1.281827 |
| African American | 1,790 | 0.005043 | 4,339 |  | 4,339 | 0.008540 | -0.003498 | 0.001657 | -2.110830 |
| Asian American | 2,238 | 0.006305 | 6,316 |  | 6,316 | 0.012432 | -0.006127 | 0.001296 | -4.727493 |
| All Others | 7,340 | 0.020678 | 8,321 |  | 8,321 | 0.016378 | 0.004300 | 0.003716 | 1.157095 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 58,894 | 0.197827 |  | 58,431 | 58,431 | 0.227702 | -0.029875 | 0.015561 | -1.919866 |
| $25,000 to $34,999 | 24,114 | 0.081000 |  | 26,759 | 26,759 | 0.104278 | -0.023278 | 0.007636 | -3.048508 |
| $35,000 to $49,999 | 58,244 | 0.195643 |  | 38,444 | 38,444 | 0.149814 | 0.045830 | 0.019292 | 2.375576 |
| $50,000 to $74,999 | 54,905 | 0.184428 |  | 53,382 | 53,382 | 0.208026 | -0.023599 | 0.011185 | -2.109842 |
| $75,000 to $99,999 | 46,967 | 0.157764 |  | 34,055 | 34,055 | 0.132710 | 0.025053 | 0.012149 | 2.062184 |
| $100,000 to $149,999 | 37,418 | 0.125688 |  | 29,571 | 29,571 | 0.115236 | 0.010452 | 0.012491 | 0.836758 |
| $150,000 or more | 17,163 | 0.057651 |  | 15,970 | 15,970 | 0.062234 | -0.004583 | 0.009373 | -0.488958 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 29,147 | 0.082111 |  | 40,245 | 40,245 | 0.094381 | -0.012271 | 0.008635 | -1.421021 |
| 12 years | 120,169 | 0.338531 |  | 136,644 | 136,644 | 0.320453 | 0.018078 | 0.014061 | 1.285686 |
| 1 to 3 years of college | 77,587 | 0.218572 |  | 107,655 | 107,655 | 0.252469 | -0.033897 | 0.011092 | -3.055960 |
| 4 years of college | 70,243 | 0.197883 |  | 85,973 | 85,973 | 0.201621 | -0.003738 | 0.011178 | -0.334386 |
| 5 years or more of college | 57,826 | 0.162903 |  | 55,892 | 55,892 | 0.131076 | 0.031827 | 0.010539 | 3.019922 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Vermont: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 9,599 | 0.018756 | -0.013973 | 0.003049 | -4.582678 |
| 18 to 24 years old | 66,974 | 0.130862 | 0.003374 | 0.012414 | 0.271760 |
| 25 to 34 years old | 58,965 | 0.115213 | -0.020747 | 0.013132 | -1.579861 |
| 35 to 44 years old | 73,782 | 0.144164 | -0.007845 | 0.010389 | -0.755096 |
| 45 to 54 years old | 116,527 | 0.227685 | 0.027430 | 0.011211 | 2.446673 |
| 55 to 64 years old | 95,470 | 0.186541 | 0.008726 | 0.009506 | 0.917955 |
| 65 years and older | 90,474 | 0.176779 | 0.003035 | 0.011171 | 0.271654 |
| 65 to 74 years old | 57,464 | 0.112280 | 0.014674 | 0.009700 | 1.512785 |
| 75 and older | 33,010 | 0.064499 | -0.011639 | 0.006058 | -1.921321 |
| **Sex:** |  |  |  |  |  |
| Male | 247,876 | 0.484331 | -0.003201 | 0.009163 | -0.349289 |
| Female | 263,915 | 0.515669 | 0.003201 | 0.009163 | 0.349289 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 4,925 | 0.009623 | -0.003529 | 0.002362 | -1.494018 |
| Non-Hispanic | 506,866 | 0.990377 | 0.003529 | 0.002362 | 1.494018 |
| **Race:** |  |  |  |  |  |
| White | 495,573 | 0.968311 | 0.005661 | 0.004168 | 1.358219 |
| African American | 2,554 | 0.004990 | -0.003550 | 0.001658 | -2.141121 |
| Asian American | 3,333 | 0.006512 | -0.005919 | 0.001313 | -4.508096 |
| All Others | 10,331 | 0.020186 | 0.003808 | 0.003749 | 1.015751 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 85,247 | 0.198714 | -0.028988 | 0.015577 | -1.860920 |
| $25,000 to $34,999 | 35,337 | 0.082372 | -0.021906 | 0.007709 | -2.841624 |
| $35,000 to $49,999 | 83,728 | 0.195173 | 0.045360 | 0.019291 | 2.351336 |
| $50,000 to $74,999 | 78,778 | 0.183635 | -0.024391 | 0.011217 | -2.174505 |
| $75,000 to $99,999 | 67,123 | 0.156466 | 0.023756 | 0.012209 | 1.945805 |
| $100,000 to $149,999 | 53,827 | 0.125473 | 0.010237 | 0.012494 | 0.819327 |
| $150,000 or more | 24,953 | 0.058166 | -0.004068 | 0.009383 | -0.433506 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 41,851 | 0.081774 | -0.012607 | 0.008642 | -1.458857 |
| 12 years | 174,183 | 0.340341 | 0.019888 | 0.014175 | 1.403024 |
| 1 to 3 years of college | 111,266 | 0.217406 | -0.035063 | 0.011147 | -3.145537 |
| 4 years of college | 101,154 | 0.197647 | -0.003974 | 0.011180 | -0.355412 |
| 5 years or more of college | 83,336 | 0.162832 | 0.031756 | 0.010539 | 3.013225 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Virginia: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 104,912 | 0.023148 | 213,382 |  | 213,382 | 0.034605 | -0.011457 | 0.002060 | -5.561623 |
| 18 to 24 years old | 549,407 | 0.121223 | 760,870 |  | 760,870 | 0.123394 | -0.002171 | 0.008103 | -0.267868 |
| 25 to 34 years old | 890,461 | 0.196474 | 1,029,077 |  | 1,029,077 | 0.166890 | 0.029585 | 0.008503 | 3.479303 |
| 35 to 44 years old | 633,204 | 0.139712 | 1,058,095 |  | 1,058,095 | 0.171596 | -0.031884 | 0.006517 | -4.892367 |
| 45 to 54 years old | 916,011 | 0.202112 | 1,192,789 |  | 1,192,789 | 0.193440 | 0.008672 | 0.007081 | 1.224694 |
| 55 to 64 years old | 760,052 | 0.167701 | 955,849 |  | 955,849 | 0.155014 | 0.012686 | 0.006826 | 1.858529 |
| 65 years and older | 678,150 | 0.149629 | 956,139 |  | 956,139 | 0.155061 | -0.005432 | 0.006042 | -0.899017 |
| 65 to 74 years old | 420,393 | 0.092757 | 548,958 |  | 548,958 | 0.089027 | 0.003730 | 0.004399 | 0.847934 |
| 75 and older | 257,757 | 0.056872 | 407,181 |  | 407,181 | 0.066034 | -0.009162 | 0.003274 | -2.798387 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 2,260,202 | 0.498699 | 2,935,134 |  | 2,935,134 | 0.476004 | 0.022695 | 0.006055 | 3.748182 |
| Female | 2,271,996 | 0.501301 | 3,231,067 |  | 3,231,067 | 0.523996 | -0.022695 | 0.006055 | -3.748182 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 398,595 | 0.087947 | 434,775 |  | 434,775 | 0.070509 | 0.017438 | 0.009369 | 1.861246 |
| Non-Hispanic | 4,133,603 | 0.912053 | 5,731,426 |  | 5,731,426 | 0.929491 | -0.017438 | 0.009369 | -1.861246 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 3,290,863 | 0.726108 | 4,525,405 |  | 4,525,405 | 0.733905 | -0.007797 | 0.013131 | -0.593802 |
| African American | 612,220 | 0.135082 | 1,150,761 |  | 1,150,761 | 0.186624 | -0.051542 | 0.009287 | -5.549865 |
| Asian American | 301,760 | 0.066581 | 352,535 |  | 352,535 | 0.057172 | 0.009409 | 0.008205 | 1.146769 |
| All Others | 327,354 | 0.072229 | 137,500 |  | 137,500 | 0.022299 | 0.049930 | 0.008793 | 5.678331 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 680,812 | 0.175435 |  | 560,080 | 560,080 | 0.188295 | -0.012860 | 0.009283 | -1.385356 |
| $25,000 to $34,999 | 388,693 | 0.100160 |  | 263,956 | 263,956 | 0.088740 | 0.011420 | 0.007866 | 1.451820 |
| $35,000 to $49,999 | 702,274 | 0.180965 |  | 392,943 | 392,943 | 0.132105 | 0.048860 | 0.011671 | 4.186485 |
| $50,000 to $74,999 | 594,532 | 0.153202 |  | 544,644 | 544,644 | 0.183106 | -0.029904 | 0.007293 | -4.100345 |
| $75,000 to $99,999 | 462,235 | 0.119111 |  | 391,449 | 391,449 | 0.131602 | -0.012492 | 0.007247 | -1.723694 |
| $100,000 to $149,999 | 596,580 | 0.153729 |  | 443,329 | 443,329 | 0.149044 | 0.004685 | 0.007061 | 0.663550 |
| $150,000 or more | 455,587 | 0.117398 |  | 378,080 | 378,080 | 0.127108 | -0.009710 | 0.007318 | -1.326883 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 567,163 | 0.125141 |  | 725,063 | 725,063 | 0.139207 | -0.014066 | 0.006525 | -2.155686 |
| 12 years | 1,344,353 | 0.296623 |  | 1,353,923 | 1,353,923 | 0.259943 | 0.036680 | 0.011471 | 3.197598 |
| 1 to 3 years of college | 1,008,815 | 0.222588 |  | 1,368,388 | 1,368,388 | 0.262720 | -0.040132 | 0.008683 | -4.621883 |
| 4 years of college | 942,828 | 0.208029 |  | 1,038,321 | 1,038,321 | 0.199350 | 0.008679 | 0.007833 | 1.108003 |
| 5 years or more of college | 669,039 | 0.147619 |  | 722,841 | 722,841 | 0.138780 | 0.008839 | 0.006478 | 1.364469 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- |
| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for Virginia: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 140,861 | 0.022957 | -0.011648 | 0.002069 | -5.629860 |
| 18 to 24 years old | 745,140 | 0.121440 | -0.001954 | 0.008108 | -0.240988 |
| 25 to 34 years old | 1,183,629 | 0.192903 | 0.026013 | 0.009213 | 2.823490 |
| 35 to 44 years old | 862,139 | 0.140508 | -0.031088 | 0.006564 | -4.736170 |
| 45 to 54 years old | 1,254,699 | 0.204485 | 0.011046 | 0.007466 | 1.479453 |
| 55 to 64 years old | 1,031,652 | 0.168134 | 0.013120 | 0.006838 | 1.918684 |
| 65 years and older | 917,764 | 0.149573 | -0.005488 | 0.006043 | -0.908166 |
| 65 to 74 years old | 568,969 | 0.092728 | 0.003701 | 0.004399 | 0.841369 |
| 75 and older | 348,794 | 0.056845 | -0.009189 | 0.003274 | -2.806778 |
| **Sex:** |  |  |  |  |  |
| Male | 3,058,340 | 0.498435 | 0.022432 | 0.006059 | 3.702190 |
| Female | 3,077,543 | 0.501565 | -0.022432 | 0.006059 | -3.702190 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 540,996 | 0.088169 | 0.017660 | 0.009372 | 1.884319 |
| Non-Hispanic | 5,594,887 | 0.911831 | -0.017660 | 0.009372 | -1.884319 |
| **Race:** |  |  |  |  |  |
| White | 4,462,550 | 0.727287 | -0.006618 | 0.013177 | -0.502213 |
| African American | 816,397 | 0.133053 | -0.053571 | 0.009507 | -5.634912 |
| Asian American | 415,706 | 0.067750 | 0.010578 | 0.008294 | 1.275358 |
| All Others | 441,231 | 0.071910 | 0.049611 | 0.008797 | 5.639531 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 903,888 | 0.171989 | -0.016306 | 0.009724 | -1.676926 |
| $25,000 to $34,999 | 519,353 | 0.098821 | 0.010080 | 0.007948 | 1.268302 |
| $35,000 to $49,999 | 956,974 | 0.182090 | 0.049985 | 0.011720 | 4.264923 |
| $50,000 to $74,999 | 804,474 | 0.153072 | -0.030033 | 0.007294 | -4.117507 |
| $75,000 to $99,999 | 622,672 | 0.118480 | -0.013123 | 0.007264 | -1.806530 |
| $100,000 to $149,999 | 817,001 | 0.155456 | 0.006412 | 0.007223 | 0.887706 |
| $150,000 or more | 631,149 | 0.120093 | -0.007015 | 0.007681 | -0.913305 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 771,066 | 0.125665 | -0.013542 | 0.006545 | -2.069005 |
| 12 years | 1,807,871 | 0.294639 | 0.034696 | 0.011645 | 2.979475 |
| 1 to 3 years of college | 1,363,755 | 0.222259 | -0.040461 | 0.008689 | -4.656613 |
| 4 years of college | 1,278,061 | 0.208293 | 0.008943 | 0.007839 | 1.140840 |
| 5 years or more of college | 915,130 | 0.149144 | 0.010364 | 0.006649 | 1.558717 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for West Virginia: 2011** | | | | | | | | | |
|  | Before nonresponse adjustment | | | | | | | | |
| Characteristic | Base-weighted respondent estimate | Base-weighted respondent proportion (A) | Census population estimates POP | Population estimate ACS | Consolidated population controls  POP or ACS | Population controls proportion (B) | Estimated bias (A - B) | Standard error of the bias (C) | T-test of significance for the bias  (A - B)/C |
| **Age:** |  |  |  |  |  |  |  |  |  |
| 16 to 17 years old | 10,814 | 0.010250 | 1,482,908 |  | 1,482,908 | 0.553976 | -0.543726 | 0.002163 | -251.375822 |
| 18 to 24 years old | 115,483 | 0.109462 | 45,130 |  | 45,130 | 0.016859 | 0.092602 | 0.013778 | 6.721013 |
| 25 to 34 years old | 112,635 | 0.106762 | 166,648 |  | 166,648 | 0.062255 | 0.044507 | 0.016396 | 2.714482 |
| 35 to 44 years old | 111,415 | 0.105606 | 214,037 |  | 214,037 | 0.079959 | 0.025647 | 0.011537 | 2.223017 |
| 45 to 54 years old | 229,447 | 0.217483 | 231,957 |  | 231,957 | 0.086653 | 0.130830 | 0.020699 | 6.320601 |
| 55 to 64 years old | 250,554 | 0.237490 | 271,739 |  | 271,739 | 0.101515 | 0.135975 | 0.023189 | 5.863773 |
| 65 years and older | 224,662 | 0.212948 | 264,426 |  | 264,426 | 0.098783 | 0.114165 | 0.027727 | 4.117468 |
| 65 to 74 years old | 109,542 | 0.103830 | 288,971 |  | 288,971 | 0.107952 | -0.004122 | 0.014427 | -0.285700 |
| 75 and older | 115,120 | 0.109117 | 162,286 |  | 162,286 | 0.060626 | 0.048492 | 0.020293 | 2.389573 |
| **Sex:** |  |  |  |  |  |  |  |  |  |
| Male | 468,187 | 0.443775 | 719,667 |  | 719,667 | 0.485308 | -0.041533 | 0.018017 | -2.305187 |
| Female | 586,822 | 0.556225 | 763,241 |  | 763,241 | 0.514692 | 0.041533 | 0.018017 | 2.305187 |
| **Ethnicity:** |  |  |  |  |  |  |  |  |  |
| Hispanic | 17,879 | 0.016947 | 14,515 |  | 14,515 | 0.009788 | 0.007159 | 0.004699 | 1.523422 |
| Non-Hispanic | 1,037,131 | 0.983053 | 1,468,393 |  | 1,468,393 | 0.990212 | -0.007159 | 0.004699 | -1.523422 |
| **Race:** |  |  |  |  |  |  |  |  |  |
| White | 995,521 | 0.943613 | 1,409,828 |  | 1,409,828 | 0.950718 | -0.007106 | 0.012691 | -0.559893 |
| African American | 7,607 | 0.007210 | 45,843 |  | 45,843 | 0.030914 | -0.023704 | 0.002116 | -11.202221 |
| Asian American1 |  |  |  |  |  |  |  |  |  |
| All Others | 51,882 | 0.049177 | 16,867 |  | 16,867 | 0.011374 | 0.037803 | 0.012664 | 2.985037 |
| **Annual Household Income (2010):** |  |  |  |  |  |  |  |  |  |
| Less than $25,000 | 269,463 | 0.295717 |  | 248,643 | 248,643 | 0.335608 | -0.039891 | 0.026093 | -1.528786 |
| $25,000 to $34,999 | 150,826 | 0.165521 |  | 94,468 | 94,468 | 0.127509 | 0.038012 | 0.021855 | 1.739294 |
| $35,000 to $49,999 | 187,262 | 0.205507 |  | 113,742 | 113,742 | 0.153524 | 0.051983 | 0.030716 | 1.692377 |
| $50,000 to $74,999 | 110,558 | 0.121330 |  | 130,300 | 130,300 | 0.175873 | -0.054544 | 0.017468 | -3.122486 |
| $75,000 to $99,999 | 69,519 | 0.076292 |  | 74,866 | 74,866 | 0.101051 | -0.024759 | 0.008378 | -2.955194 |
| $100,000 to $149,999 | 72,188 | 0.079221 |  | 54,942 | 54,942 | 0.074158 | 0.005063 | 0.017596 | 0.287735 |
| $150,000 or more | 51,403 | 0.056411 |  | 23,913 | 23,913 | 0.032277 | 0.024135 | 0.017831 | 1.353514 |
| **Education:** |  |  |  |  |  |  |  |  |  |
| 11 years or less | 205,389 | 0.194680 |  | 232,001 | 232,001 | 0.180880 | 0.013799 | 0.016817 | 0.820566 |
| 12 years | 496,885 | 0.470977 |  | 529,569 | 529,569 | 0.412880 | 0.058097 | 0.027551 | 2.108696 |
| 1 to 3 years of college | 213,480 | 0.202349 |  | 299,777 | 299,777 | 0.233722 | -0.031373 | 0.018872 | -1.662421 |
| 4 years of college | 53,006 | 0.050242 |  | 135,525 | 135,525 | 0.105663 | -0.055420 | 0.007250 | -7.644182 |
| 5 years or more of college | 86,249 | 0.081752 |  | 85,749 | 85,749 | 0.066855 | 0.014897 | 0.015478 | 0.962489 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey  1 No persons were of Asian American race whose state of residence was West Virginia during the 2011 FHWAR data collection | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- |
| **Benchmark Comparison of Base-Weighted Respondent Demographics Before and After Nonresponse Adjustment for West Virginia: 2011***-Continued* | | | | | |
|  | After nonresponse adjustment | | | | |
| Characteristic | Nonresponse adjusted response estimate | Nonresponse adjusted response proportion (D) | Estimated bias (D - B) | Standard error of the bias (E) | T-test of significance for the bias (D - B)/E |
| **Age:** |  |  |  |  |  |
| 16 to 17 years old | 14,911 | 0.010185 | -0.543791 | 0.002165 | -251.173587 |
| 18 to 24 years old | 164,229 | 0.112180 | 0.095320 | 0.014087 | 6.766535 |
| 25 to 34 years old | 154,071 | 0.105241 | 0.042986 | 0.016459 | 2.611677 |
| 35 to 44 years old | 160,441 | 0.109592 | 0.029633 | 0.012059 | 2.457371 |
| 45 to 54 years old | 317,182 | 0.216657 | 0.130004 | 0.020701 | 6.280071 |
| 55 to 64 years old | 348,575 | 0.238100 | 0.136586 | 0.023207 | 5.885543 |
| 65 years and older | 304,574 | 0.208045 | 0.109262 | 0.028259 | 3.866452 |
| 65 to 74 years old | 150,867 | 0.103052 | -0.004900 | 0.014468 | -0.338655 |
| 75 and older | 153,707 | 0.104992 | 0.044366 | 0.020753 | 2.137835 |
| **Sex:** |  |  |  |  |  |
| Male | 645,858 | 0.441165 | -0.044143 | 0.018185 | -2.427422 |
| Female | 818,124 | 0.558835 | 0.044143 | 0.018185 | 2.427422 |
| **Ethnicity:** |  |  |  |  |  |
| Hispanic | 24,062 | 0.016436 | 0.006648 | 0.004735 | 1.403969 |
| Non-Hispanic | 1,439,920 | 0.983564 | -0.006648 | 0.004735 | -1.403969 |
| **Race:** |  |  |  |  |  |
| White | 1,376,049 | 0.939936 | -0.010783 | 0.013218 | -0.815760 |
| African American | 10,737 | 0.007334 | -0.023580 | 0.002118 | -11.133216 |
| Asian American1 |  |  |  |  |  |
| All Others | 77,196 | 0.052730 | 0.041356 | 0.013164 | 3.141589 |
| **Annual Household Income (2010):** |  |  |  |  |  |
| Less than $25,000 | 371,100 | 0.292690 | -0.042917 | 0.026169 | -1.640008 |
| $25,000 to $34,999 | 200,304 | 0.157982 | 0.030473 | 0.022669 | 1.344255 |
| $35,000 to $49,999 | 273,420 | 0.215649 | 0.062125 | 0.032140 | 1.932951 |
| $50,000 to $74,999 | 161,903 | 0.127695 | -0.048179 | 0.018231 | -2.642687 |
| $75,000 to $99,999 | 98,952 | 0.078044 | -0.023006 | 0.008529 | -2.697442 |
| $100,000 to $149,999 | 93,700 | 0.073902 | -0.000256 | 0.018114 | -0.014145 |
| $150,000 or more | 68,514 | 0.054038 | 0.021761 | 0.017891 | 1.216306 |
| **Education:** |  |  |  |  |  |
| 11 years or less | 279,796 | 0.191120 | 0.010239 | 0.017218 | 0.594694 |
| 12 years | 675,153 | 0.461176 | 0.048295 | 0.029025 | 1.663924 |
| 1 to 3 years of college | 312,009 | 0.213124 | -0.020599 | 0.021534 | -0.956565 |
| 4 years of college | 74,077 | 0.050600 | -0.055063 | 0.007255 | -7.589646 |
| 5 years or more of college | 122,947 | 0.083981 | 0.017127 | 0.015633 | 1.095549 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; 2010 Current Population Survey; 2010 American Community Survey  1 No persons were of Asian American race whose state of residence was West Virginia during the 2011 FHWAR data collection | | | | | |

# Appendix B: Frame Distribution Comparison Tables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for United States: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 95% Confidence Interval | | 95% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11211076 | 0.11774213 | 0.11115572 | 0.11791231 |
| 25 to 44 years old | 0.34120172 | 0.34983506 | 0.34962310 | 0.36032047 |
| 45 to 64 years old | 0.35272997 | 0.35989524 | 0.36108165 | 0.37000143 |
| 65 years and older | 0.18027805 | 0.18620707 | 0.16147574 | 0.16842958 |
| **Sex:** |  |  |  |  |
| Male | 0.47620990 | 0.48092424 | 0.47584037 | 0.48128295 |
| Female | 0.51907576 | 0.52379010 | 0.51871705 | 0.52415963 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.13081200 | 0.13865633 | 0.12510033 | 0.13463486 |
| Non-Hispanic | 0.86134367 | 0.86918800 | 0.86536514 | 0.87489967 |
| **Race:** |  |  |  |  |
| White | 0.73729396 | 0.74550821 | 0.76389941 | 0.77415545 |
| African American | 0.10130847 | 0.10694074 | 0.09278423 | 0.09962317 |
| Asian American | 0.04505353 | 0.04967351 | 0.04444149 | 0.05014578 |
| All Others | 0.10392365 | 0.11029793 | 0.08353569 | 0.09141478 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.21287930 | 0.22190177 | 0.17692214 | 0.18696180 |
| $25,000 to $34,999 | 0.07786649 | 0.08333680 | 0.08887476 | 0.09549269 |
| $35,000 to $49,999 | 0.11784228 | 0.12458276 | 0.11596373 | 0.12414469 |
| $50,000 to $74,999 | 0.15802590 | 0.16541643 | 0.13760331 | 0.14651701 |
| $75,000 to $99,999 | 0.10736172 | 0.11351530 | 0.10063941 | 0.10760431 |
| $100,000 to $149,999 | 0.09353045 | 0.09964535 | 0.09576947 | 0.10241451 |
| $150,000 or more | 0.06121148 | 0.06554776 | 0.06744875 | 0.07266525 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.11320891 | 0.11898457 | 0.10344416 | 0.11043304 |
| 4 years or more of college | 0.29780490 | 0.30503518 | 0.29917886 | 0.30754274 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Alabama: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11176123 | 0.14552071 | 0.12328203 | 0.16388308 |
| 25 to 44 years old | 0.27643622 | 0.31563684 | 0.27549111 | 0.32640694 |
| 45 to 64 years old | 0.36573820 | 0.41120127 | 0.36047081 | 0.41693654 |
| 65 years and older | 0.16980254 | 0.20390298 | 0.14588853 | 0.18764095 |
| **Sex:** |  |  |  |  |
| Male | 0.42113647 | 0.45186081 | 0.41884019 | 0.45384941 |
| Female | 0.54813919 | 0.57886353 | 0.54615059 | 0.58115981 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.00877809 | 0.01686573 | 0.00770175 | 0.01674184 |
| Non-Hispanic | 0.98313427 | 0.99122191 | 0.98325816 | 0.99229825 |
| **Race:** |  |  |  |  |
| White | 0.61418249 | 0.67564728 | 0.62380745 | 0.68844036 |
| African American | 0.28475701 | 0.34014774 | 0.26943899 | 0.32968448 |
| Asian American | 0.00820992 | 0.01606696 | 0.00835812 | 0.01799532 |
| All Others | 0.02038212 | 0.04060648 | 0.01963480 | 0.04264047 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.28011856 | 0.35767561 | 0.27529809 | 0.34532034 |
| $25,000 to $34,999 | 0.08566844 | 0.12752446 | 0.08840193 | 0.13506219 |
| $35,000 to $49,999 | 0.12016384 | 0.15663387 | 0.10084387 | 0.14448182 |
| $50,000 to $74,999 | 0.10748642 | 0.14109914 | 0.08472098 | 0.12192796 |
| $75,000 to $99,999 | 0.07490710 | 0.11399213 | 0.07480343 | 0.11723149 |
| $100,000 to $149,999 | 0.03737728 | 0.05489114 | 0.03929735 | 0.06015169 |
| $150,000 or more | 0.01827198 | 0.03336212 | 0.01794070 | 0.03573261 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.14660806 | 0.17515854 | 0.14348148 | 0.17769755 |
| 4 years or more of college | 0.21263985 | 0.26328278 | 0.20185358 | 0.25900147 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Arizona: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10489639 | 0.12013097 | 0.10546886 | 0.12443497 |
| 25 to 44 years old | 0.29294188 | 0.31809892 | 0.30675134 | 0.33879675 |
| 45 to 64 years old | 0.34595550 | 0.37017455 | 0.35728237 | 0.38806532 |
| 65 years and older | 0.21418303 | 0.23361876 | 0.17746972 | 0.20173067 |
| **Sex:** |  |  |  |  |
| Male | 0.47378564 | 0.49049151 | 0.46667583 | 0.48677004 |
| Female | 0.50950849 | 0.52621436 | 0.51322996 | 0.53332417 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.22365452 | 0.26853051 | 0.20370364 | 0.25416505 |
| Non-Hispanic | 0.73146949 | 0.77634548 | 0.74583495 | 0.79629636 |
| **Race:** |  |  |  |  |
| White | 0.73877154 | 0.76569138 | 0.77094023 | 0.80474067 |
| African American | 0.02971130 | 0.04002321 | 0.02681557 | 0.03839221 |
| Asian American | 0.01249428 | 0.01907976 | 0.01235782 | 0.02038789 |
| All Others | 0.18365919 | 0.21056934 | 0.14641125 | 0.17995436 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.29866896 | 0.33069120 | 0.19601007 | 0.23279373 |
| $25,000 to $34,999 | 0.06172560 | 0.07525893 | 0.06928770 | 0.08596653 |
| $35,000 to $49,999 | 0.11382211 | 0.13254490 | 0.12461261 | 0.14766060 |
| $50,000 to $74,999 | 0.15331711 | 0.18380209 | 0.16671697 | 0.20331458 |
| $75,000 to $99,999 | 0.06967426 | 0.08831693 | 0.07384549 | 0.09632524 |
| $100,000 to $149,999 | 0.08068324 | 0.10390504 | 0.09500694 | 0.12494139 |
| $150,000 or more | 0.05425010 | 0.06966400 | 0.06533641 | 0.08447764 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.09371111 | 0.11251288 | 0.08368697 | 0.10742004 |
| 4 years or more of college | 0.27171003 | 0.30081083 | 0.26723234 | 0.30202325 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for California: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11606896 | 0.12824953 | 0.11210687 | 0.12699165 |
| 25 to 44 years old | 0.38186223 | 0.39833082 | 0.39284316 | 0.41374671 |
| 45 to 64 years old | 0.31612396 | 0.33075134 | 0.31788715 | 0.33599603 |
| 65 years and older | 0.15867429 | 0.16993886 | 0.14369701 | 0.15673142 |
| **Sex:** |  |  |  |  |
| Male | 0.48588146 | 0.49604841 | 0.48188020 | 0.49423134 |
| Female | 0.50395159 | 0.51411854 | 0.50576866 | 0.51811980 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.29295822 | 0.31308507 | 0.27948274 | 0.30334905 |
| Non-Hispanic | 0.68691493 | 0.70704178 | 0.69665095 | 0.72051726 |
| **Race:** |  |  |  |  |
| White | 0.57779582 | 0.59641154 | 0.62836295 | 0.65106303 |
| African American | 0.04733764 | 0.05461677 | 0.04658907 | 0.05593194 |
| Asian American | 0.12040316 | 0.13287712 | 0.11243451 | 0.12797761 |
| All Others | 0.22698060 | 0.24357735 | 0.17840253 | 0.19923837 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.18059510 | 0.19736336 | 0.15827226 | 0.17686270 |
| $25,000 to $34,999 | 0.07031726 | 0.08235626 | 0.08235048 | 0.09702719 |
| $35,000 to $49,999 | 0.10688960 | 0.11933648 | 0.10157459 | 0.11717114 |
| $50,000 to $74,999 | 0.14529894 | 0.16039667 | 0.12746193 | 0.14397996 |
| $75,000 to $99,999 | 0.10354405 | 0.11665077 | 0.08761540 | 0.10183886 |
| $100,000 to $149,999 | 0.11146579 | 0.12519589 | 0.10397337 | 0.11857081 |
| $150,000 or more | 0.08151871 | 0.09341514 | 0.08685057 | 0.10142021 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.12691234 | 0.13816785 | 0.11075677 | 0.12397524 |
| 4 years or more of college | 0.31630889 | 0.33008206 | 0.31691520 | 0.33461919 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Colorado: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10581588 | 0.12887212 | 0.09862111 | 0.12743209 |
| 25 to 44 years old | 0.34351849 | 0.38517303 | 0.34852479 | 0.39652320 |
| 45 to 64 years old | 0.32979806 | 0.36546897 | 0.34019539 | 0.38050947 |
| 65 years and older | 0.15967582 | 0.18167763 | 0.13969236 | 0.16850159 |
| **Sex:** |  |  |  |  |
| Male | 0.48102847 | 0.50452918 | 0.48335962 | 0.50769003 |
| Female | 0.49547082 | 0.51897153 | 0.49230997 | 0.51664038 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.15631728 | 0.18739439 | 0.14986963 | 0.18560587 |
| Non-Hispanic | 0.81260561 | 0.84368272 | 0.81439413 | 0.85013037 |
| **Race:** |  |  |  |  |
| White | 0.78295344 | 0.82125698 | 0.80480389 | 0.84813810 |
| African American | 0.03142741 | 0.04662986 | 0.02680784 | 0.04580715 |
| Asian American | 0.02700954 | 0.04337991 | 0.02663876 | 0.04695003 |
| All Others | 0.10746969 | 0.13987317 | 0.08178788 | 0.11906635 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.16816611 | 0.19951653 | 0.11208633 | 0.15332239 |
| $25,000 to $34,999 | 0.07615223 | 0.10082843 | 0.07565576 | 0.10427337 |
| $35,000 to $49,999 | 0.12011987 | 0.14551680 | 0.12022092 | 0.14784404 |
| $50,000 to $74,999 | 0.15704333 | 0.19313914 | 0.15379761 | 0.19210091 |
| $75,000 to $99,999 | 0.10576812 | 0.14481485 | 0.10985417 | 0.15586758 |
| $100,000 to $149,999 | 0.07810472 | 0.09902521 | 0.07185441 | 0.09593235 |
| $150,000 or more | 0.06073519 | 0.08130825 | 0.07037010 | 0.09593760 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.07686082 | 0.10257347 | 0.07437734 | 0.10663408 |
| 4 years or more of college | 0.35463048 | 0.39945536 | 0.35203648 | 0.40556005 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Connecticut: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11100916 | 0.13174380 | 0.10436647 | 0.13239097 |
| 25 to 44 years old | 0.31883992 | 0.34776351 | 0.32966569 | 0.36710637 |
| 45 to 64 years old | 0.35682892 | 0.37821866 | 0.34428562 | 0.37110408 |
| 65 years and older | 0.16872568 | 0.18687035 | 0.16378600 | 0.18729480 |
| **Sex:** |  |  |  |  |
| Male | 0.46693868 | 0.48507460 | 0.45590683 | 0.47548556 |
| Female | 0.51492540 | 0.53306132 | 0.52451444 | 0.54409317 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.11919057 | 0.14571752 | 0.11416016 | 0.14830438 |
| Non-Hispanic | 0.85428248 | 0.88080943 | 0.85169562 | 0.88583984 |
| **Race:** |  |  |  |  |
| White | 0.76087436 | 0.78971247 | 0.77289957 | 0.81110701 |
| African American | 0.06812358 | 0.09060928 | 0.06208028 | 0.09225036 |
| Asian American | 0.02870004 | 0.04161159 | 0.02840003 | 0.04606961 |
| All Others | 0.09938479 | 0.12098390 | 0.07926707 | 0.10792607 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.09970262 | 0.11978980 | 0.10375245 | 0.13293756 |
| $25,000 to $34,999 | 0.04854835 | 0.06459690 | 0.06166408 | 0.08235629 |
| $35,000 to $49,999 | 0.05653685 | 0.07677297 | 0.04719358 | 0.06921624 |
| $50,000 to $74,999 | 0.16728289 | 0.19615972 | 0.12064433 | 0.15329358 |
| $75,000 to $99,999 | 0.14141409 | 0.16187309 | 0.11648944 | 0.14192911 |
| $100,000 to $149,999 | 0.14843438 | 0.17263006 | 0.11949636 | 0.14560581 |
| $150,000 or more | 0.11023472 | 0.13084315 | 0.12468284 | 0.15312881 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.07771499 | 0.09241905 | 0.06763307 | 0.08498258 |
| 4 years or more of college | 0.35169048 | 0.37728240 | 0.36124112 | 0.39206314 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Delaware: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.08625307 | 0.10370259 | 0.07935966 | 0.10067690 |
| 25 to 44 years old | 0.31150719 | 0.35777040 | 0.31452308 | 0.37221819 |
| 45 to 64 years old | 0.36615737 | 0.40518348 | 0.38105772 | 0.42953273 |
| 65 years and older | 0.17377304 | 0.19565286 | 0.14973580 | 0.17289593 |
| **Sex:** |  |  |  |  |
| Male | 0.46746894 | 0.48526091 | 0.45302142 | 0.47155346 |
| Female | 0.51473909 | 0.53253106 | 0.52844654 | 0.54697858 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.04891096 | 0.06731061 | 0.03845007 | 0.06101546 |
| Non-Hispanic | 0.93268939 | 0.95108904 | 0.93898454 | 0.96154993 |
| **Race:** |  |  |  |  |
| White | 0.73989338 | 0.77238382 | 0.76675660 | 0.80654881 |
| African American | 0.15242164 | 0.18105601 | 0.13539600 | 0.16990676 |
| Asian American | 0.02368488 | 0.03433690 | 0.02092888 | 0.03430326 |
| All Others | 0.04174509 | 0.05447828 | 0.02587858 | 0.04028111 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.15082566 | 0.17605486 | 0.10495794 | 0.13048553 |
| $25,000 to $34,999 | 0.04506594 | 0.06086426 | 0.05330345 | 0.07275239 |
| $35,000 to $49,999 | 0.05573140 | 0.07282233 | 0.05766166 | 0.07798252 |
| $50,000 to $74,999 | 0.13577560 | 0.16048249 | 0.09468166 | 0.12048753 |
| $75,000 to $99,999 | 0.15624225 | 0.20776698 | 0.14595993 | 0.21110169 |
| $100,000 to $149,999 | 0.08757176 | 0.11009274 | 0.08925883 | 0.11755339 |
| $150,000 or more | 0.07957755 | 0.10315800 | 0.09280872 | 0.12248891 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.08113093 | 0.09767026 | 0.07286556 | 0.09249316 |
| 4 years or more of college | 0.29391949 | 0.32602906 | 0.28297891 | 0.32125266 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Florida: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09025091 | 0.10406196 | 0.08744266 | 0.10426485 |
| 25 to 44 years old | 0.31546210 | 0.33576787 | 0.32805283 | 0.35296543 |
| 45 to 64 years old | 0.35151469 | 0.37354447 | 0.36490062 | 0.39120874 |
| 65 years and older | 0.20555326 | 0.22384473 | 0.17501471 | 0.19615016 |
| **Sex:** |  |  |  |  |
| Male | 0.46010382 | 0.47629468 | 0.45824121 | 0.47736898 |
| Female | 0.52370532 | 0.53989618 | 0.52263102 | 0.54175879 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.21634155 | 0.24158440 | 0.21658471 | 0.24941544 |
| Non-Hispanic | 0.75841560 | 0.78365845 | 0.75058456 | 0.78341529 |
| **Race:** |  |  |  |  |
| White | 0.70318083 | 0.72645242 | 0.73095343 | 0.75978864 |
| African American | 0.11685430 | 0.13377515 | 0.11028553 | 0.13021195 |
| Asian American | 0.02712320 | 0.03541395 | 0.02496040 | 0.03557420 |
| All Others | 0.11869018 | 0.13850997 | 0.09123485 | 0.11699101 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.25988604 | 0.28473864 | 0.18656481 | 0.21458957 |
| $25,000 to $34,999 | 0.07804826 | 0.09200281 | 0.08776568 | 0.10493831 |
| $35,000 to $49,999 | 0.10689981 | 0.12586859 | 0.10674810 | 0.13018042 |
| $50,000 to $74,999 | 0.11469945 | 0.13234173 | 0.10435494 | 0.12583030 |
| $75,000 to $99,999 | 0.08079352 | 0.09950945 | 0.08615974 | 0.10984439 |
| $100,000 to $149,999 | 0.06684631 | 0.08442975 | 0.07116237 | 0.09279389 |
| $150,000 or more | 0.05385279 | 0.06791051 | 0.06062733 | 0.07796328 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.09978429 | 0.11792991 | 0.08957523 | 0.10902890 |
| 4 years or more of college | 0.27121510 | 0.29495325 | 0.26828100 | 0.29716986 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Georgia: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10208461 | 0.13745391 | 0.09054722 | 0.13503251 |
| 25 to 44 years old | 0.40466344 | 0.45519207 | 0.42118135 | 0.48460452 |
| 45 to 64 years old | 0.27977283 | 0.31868466 | 0.29688337 | 0.34420348 |
| 65 years and older | 0.13724159 | 0.16490689 | 0.09816275 | 0.12938481 |
| **Sex:** |  |  |  |  |
| Male | 0.49738282 | 0.52209086 | 0.49522541 | 0.52606676 |
| Female | 0.47790914 | 0.50261718 | 0.47393324 | 0.50477459 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.07901029 | 0.12969722 | 0.08516434 | 0.14888488 |
| Non-Hispanic | 0.87030278 | 0.92098971 | 0.85111512 | 0.91483566 |
| **Race:** |  |  |  |  |
| White | 0.55491063 | 0.60933580 | 0.55896698 | 0.62724725 |
| African American | 0.24622236 | 0.29743768 | 0.22695273 | 0.28914541 |
| Asian American | 0.02316610 | 0.04273023 | 0.02167157 | 0.04606590 |
| All Others | 0.08815274 | 0.13804445 | 0.08457886 | 0.14537129 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.28746601 | 0.33054018 | 0.22038207 | 0.27078754 |
| $25,000 to $34,999 | 0.06632377 | 0.09550596 | 0.07007264 | 0.10569939 |
| $35,000 to $49,999 | 0.09084133 | 0.12488021 | 0.08835887 | 0.13216277 |
| $50,000 to $74,999 | 0.11240469 | 0.15387718 | 0.10279379 | 0.14913490 |
| $75,000 to $99,999 | 0.07549996 | 0.11293803 | 0.07396370 | 0.11939779 |
| $100,000 to $149,999 | 0.07572869 | 0.10629791 | 0.08218500 | 0.12116086 |
| $150,000 or more | 0.03836356 | 0.06318994 | 0.04618199 | 0.07740823 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.14969407 | 0.19274143 | 0.14454315 | 0.19927102 |
| 4 years or more of college | 0.24167611 | 0.27488926 | 0.22767554 | 0.26993309 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Illinois: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.08973644 | 0.10917191 | 0.08795892 | 0.11136779 |
| 25 to 44 years old | 0.35324360 | 0.38475703 | 0.36234713 | 0.40057592 |
| 45 to 64 years old | 0.35039542 | 0.37944695 | 0.34810974 | 0.37693407 |
| 65 years and older | 0.15735231 | 0.17589633 | 0.14658801 | 0.16611841 |
| **Sex:** |  |  |  |  |
| Male | 0.45765335 | 0.47798585 | 0.46674497 | 0.49129201 |
| Female | 0.52201415 | 0.54234665 | 0.50870799 | 0.53325503 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.11904612 | 0.15187684 | 0.10971736 | 0.15128433 |
| Non-Hispanic | 0.84812316 | 0.88095388 | 0.84871567 | 0.89028264 |
| **Race:** |  |  |  |  |
| White | 0.69967118 | 0.73135943 | 0.73132638 | 0.77232456 |
| African American | 0.11490333 | 0.13444982 | 0.08246293 | 0.10618944 |
| Asian American | 0.03008141 | 0.04346748 | 0.02591072 | 0.04260547 |
| All Others | 0.10764884 | 0.13841851 | 0.10003123 | 0.13914926 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.20308544 | 0.24048396 | 0.16922037 | 0.20874365 |
| $25,000 to $34,999 | 0.06706756 | 0.09123073 | 0.08252712 | 0.11389962 |
| $35,000 to $49,999 | 0.10242523 | 0.12620439 | 0.09842616 | 0.12517299 |
| $50,000 to $74,999 | 0.13987979 | 0.16219025 | 0.11166322 | 0.13268655 |
| $75,000 to $99,999 | 0.12418938 | 0.15463356 | 0.10256408 | 0.13889756 |
| $100,000 to $149,999 | 0.07768275 | 0.09728214 | 0.08721628 | 0.11227529 |
| $150,000 or more | 0.05665660 | 0.07513850 | 0.06082439 | 0.08335330 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.09994109 | 0.12186059 | 0.09051404 | 0.11776468 |
| 4 years or more of college | 0.29029981 | 0.32148982 | 0.28597251 | 0.32476738 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Kentucky: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.06830298 | 0.09098933 | 0.06442790 | 0.09055475 |
| 25 to 44 years old | 0.34892303 | 0.41186251 | 0.36919330 | 0.44657385 |
| 45 to 64 years old | 0.32157955 | 0.37955851 | 0.32635779 | 0.38985563 |
| 65 years and older | 0.17768983 | 0.20109427 | 0.14379436 | 0.16924243 |
| **Sex:** |  |  |  |  |
| Male | 0.49524791 | 0.51785151 | 0.49762112 | 0.51804093 |
| Female | 0.48214849 | 0.50475209 | 0.48195907 | 0.50237888 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.01061655 | 0.02393456 | 0.00854937 | 0.02376551 |
| Non-Hispanic | 0.97606544 | 0.98938345 | 0.97623449 | 0.99145063 |
| **Race:** |  |  |  |  |
| White | 0.87579659 | 0.92171756 | 0.87175439 | 0.92481021 |
| African American | 0.03862018 | 0.06046362 | 0.03070442 | 0.05587798 |
| Asian American | 0.00217798 | 0.01930903 | 0.00226722 | 0.02374589 |
| All Others | 0.02347076 | 0.05844428 | 0.02415043 | 0.06668946 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.22049845 | 0.26822625 | 0.16611882 | 0.21610493 |
| $25,000 to $34,999 | 0.07861003 | 0.10713589 | 0.08225203 | 0.12017138 |
| $35,000 to $49,999 | 0.09373065 | 0.13286457 | 0.08277517 | 0.12717374 |
| $50,000 to $74,999 | 0.14709619 | 0.20421404 | 0.14064272 | 0.20091786 |
| $75,000 to $99,999 | 0.07048418 | 0.10670315 | 0.06667417 | 0.10403805 |
| $100,000 to $149,999 | 0.06701308 | 0.09735989 | 0.07500067 | 0.11161843 |
| $150,000 or more | 0.03011431 | 0.04715435 | 0.03562559 | 0.05778666 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.14783224 | 0.20443343 | 0.15096386 | 0.21666125 |
| 4 years or more of college | 0.22270084 | 0.27202144 | 0.22174645 | 0.28691629 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Louisiana: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09914305 | 0.12750447 | 0.09235168 | 0.12612066 |
| 25 to 44 years old | 0.29619877 | 0.34403977 | 0.28382806 | 0.34547319 |
| 45 to 64 years old | 0.34917548 | 0.41325804 | 0.35858748 | 0.44172129 |
| 65 years and older | 0.16704193 | 0.20363849 | 0.14952753 | 0.20239010 |
| **Sex:** |  |  |  |  |
| Male | 0.46857609 | 0.49875752 | 0.46811893 | 0.50846708 |
| Female | 0.50124248 | 0.53142391 | 0.49153292 | 0.53188107 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.03258393 | 0.05376356 | 0.03515370 | 0.06386159 |
| Non-Hispanic | 0.94623644 | 0.96741607 | 0.93613841 | 0.96484630 |
| **Race:** |  |  |  |  |
| White | 0.61723468 | 0.68200026 | 0.59306000 | 0.68266740 |
| African American | 0.28021643 | 0.34561609 | 0.28988180 | 0.37964563 |
| Asian American | 0.00331954 | 0.00834688 | 0.00352125 | 0.01098791 |
| All Others | 0.02557502 | 0.03769111 | 0.01458665 | 0.02564936 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.19957979 | 0.25060665 | 0.18776375 | 0.24385985 |
| $25,000 to $34,999 | 0.05694761 | 0.08327904 | 0.07837697 | 0.11600435 |
| $35,000 to $49,999 | 0.08249244 | 0.11660848 | 0.06037434 | 0.09297127 |
| $50,000 to $74,999 | 0.17333844 | 0.23229330 | 0.09580691 | 0.17224049 |
| $75,000 to $99,999 | 0.11236430 | 0.14406009 | 0.08135690 | 0.10754917 |
| $100,000 to $149,999 | 0.02671570 | 0.04327023 | 0.03635889 | 0.05793306 |
| $150,000 or more | 0.03145678 | 0.06256554 | 0.04452503 | 0.08702417 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.12302071 | 0.14680414 | 0.10522883 | 0.13491709 |
| 4 years or more of college | 0.22377262 | 0.26469413 | 0.20834796 | 0.25902762 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Maryland: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10434606 | 0.11923930 | 0.10369203 | 0.12115546 |
| 25 to 44 years old | 0.33746737 | 0.36515654 | 0.33753315 | 0.37125737 |
| 45 to 64 years old | 0.35306706 | 0.37662197 | 0.36290077 | 0.39324326 |
| 65 years and older | 0.16260913 | 0.18149256 | 0.14533058 | 0.16488738 |
| **Sex:** |  |  |  |  |
| Male | 0.46621946 | 0.48417914 | 0.47145957 | 0.49184924 |
| Female | 0.51582086 | 0.53378054 | 0.50815076 | 0.52854043 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.05843686 | 0.07682618 | 0.05644828 | 0.08040860 |
| Non-Hispanic | 0.92317382 | 0.94156314 | 0.91959140 | 0.94355172 |
| **Race:** |  |  |  |  |
| White | 0.62308616 | 0.64895284 | 0.64084419 | 0.67405839 |
| African American | 0.22474826 | 0.24718352 | 0.20653094 | 0.23441585 |
| Asian American | 0.04506209 | 0.06201161 | 0.04812359 | 0.07028656 |
| All Others | 0.06523183 | 0.08372369 | 0.05146182 | 0.07427867 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.14623545 | 0.18194728 | 0.08918895 | 0.12073228 |
| $25,000 to $34,999 | 0.03880014 | 0.05627591 | 0.04960392 | 0.07252054 |
| $35,000 to $49,999 | 0.06757219 | 0.08733989 | 0.06374180 | 0.08726019 |
| $50,000 to $74,999 | 0.16017497 | 0.18668525 | 0.16309937 | 0.19937451 |
| $75,000 to $99,999 | 0.10486778 | 0.12474537 | 0.07930020 | 0.10136536 |
| $100,000 to $149,999 | 0.13203436 | 0.15350931 | 0.12912056 | 0.15589392 |
| $150,000 or more | 0.08856131 | 0.10584887 | 0.09149492 | 0.11231363 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.07242688 | 0.08711415 | 0.05698402 | 0.07382404 |
| 4 years or more of college | 0.34740610 | 0.37002354 | 0.34055256 | 0.36878596 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Massachusetts: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10620425 | 0.12233718 | 0.10354253 | 0.12457238 |
| 25 to 44 years old | 0.33340545 | 0.35547011 | 0.33257248 | 0.36202426 |
| 45 to 64 years old | 0.35555381 | 0.37640537 | 0.35829683 | 0.38643720 |
| 65 years and older | 0.16702161 | 0.18360222 | 0.15624382 | 0.17631051 |
| **Sex:** |  |  |  |  |
| Male | 0.46727875 | 0.48521984 | 0.46737229 | 0.49056118 |
| Female | 0.51478016 | 0.53272125 | 0.50943882 | 0.53262771 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.08537723 | 0.10214213 | 0.08751535 | 0.11025682 |
| Non-Hispanic | 0.89785787 | 0.91462277 | 0.88974318 | 0.91248465 |
| **Race:** |  |  |  |  |
| White | 0.76442471 | 0.79605108 | 0.75887123 | 0.80085723 |
| African American | 0.04802581 | 0.06340725 | 0.04140633 | 0.06219902 |
| Asian American | 0.04375846 | 0.05657587 | 0.04438036 | 0.06130526 |
| All Others | 0.10129098 | 0.12646584 | 0.09855135 | 0.13242923 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.14323850 | 0.17268654 | 0.12109788 | 0.15825801 |
| $25,000 to $34,999 | 0.04684855 | 0.06081784 | 0.05661966 | 0.07557556 |
| $35,000 to $49,999 | 0.06621321 | 0.07847847 | 0.06332712 | 0.07728627 |
| $50,000 to $74,999 | 0.14042725 | 0.15943529 | 0.11717814 | 0.14001216 |
| $75,000 to $99,999 | 0.14838794 | 0.16801436 | 0.10962445 | 0.13151386 |
| $100,000 to $149,999 | 0.13510785 | 0.15412308 | 0.13308826 | 0.15822159 |
| $150,000 or more | 0.09643540 | 0.11547836 | 0.10109920 | 0.12540354 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.08183007 | 0.09377180 | 0.07214364 | 0.08708835 |
| 4 years or more of college | 0.39460742 | 0.41760100 | 0.40547104 | 0.43318062 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Michigan: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09478027 | 0.13348971 | 0.09258197 | 0.14233611 |
| 25 to 44 years old | 0.27415951 | 0.32342556 | 0.28006531 | 0.34033512 |
| 45 to 64 years old | 0.36207283 | 0.41131706 | 0.38180227 | 0.44321349 |
| 65 years and older | 0.17830696 | 0.22244809 | 0.14178699 | 0.17787875 |
| **Sex:** |  |  |  |  |
| Male | 0.43931123 | 0.46537474 | 0.43317014 | 0.45560426 |
| Female | 0.53462526 | 0.56068877 | 0.54439574 | 0.56682986 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.05164802 | 0.07131084 | 0.04549569 | 0.06822111 |
| Non-Hispanic | 0.92868916 | 0.94835198 | 0.93177889 | 0.95450431 |
| **Race:** |  |  |  |  |
| White | 0.80844993 | 0.84754829 | 0.82947128 | 0.87106902 |
| African American | 0.09612079 | 0.13227652 | 0.07993340 | 0.11953418 |
| Asian American | 0.01398265 | 0.02429363 | 0.01138418 | 0.02312828 |
| All Others | 0.02972256 | 0.04760563 | 0.02330702 | 0.04217265 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.14289796 | 0.17946496 | 0.12834485 | 0.16954432 |
| $25,000 to $34,999 | 0.07940664 | 0.12005098 | 0.07675606 | 0.12405219 |
| $35,000 to $49,999 | 0.10873728 | 0.14855350 | 0.09791037 | 0.14594384 |
| $50,000 to $74,999 | 0.13656129 | 0.17945580 | 0.09139632 | 0.13220470 |
| $75,000 to $99,999 | 0.11642245 | 0.17093780 | 0.12354076 | 0.18990815 |
| $100,000 to $149,999 | 0.07171579 | 0.10784016 | 0.06836821 | 0.09963080 |
| $150,000 or more | 0.04167365 | 0.06364300 | 0.04855384 | 0.07582372 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.07085691 | 0.09831305 | 0.04885032 | 0.07158757 |
| 4 years or more of college | 0.24222546 | 0.27919966 | 0.23911923 | 0.27463087 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Mississippi: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.08900288 | 0.15221350 | 0.07650297 | 0.14420237 |
| 25 to 44 years old | 0.36435504 | 0.41980873 | 0.37823029 | 0.44357646 |
| 45 to 64 years old | 0.29186457 | 0.36292287 | 0.29066040 | 0.37491785 |
| 65 years and older | 0.14530730 | 0.17452511 | 0.12815448 | 0.16375517 |
| **Sex:** |  |  |  |  |
| Male | 0.43678862 | 0.46128291 | 0.43011624 | 0.46463504 |
| Female | 0.53871709 | 0.56321138 | 0.53536496 | 0.56988376 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.00875276 | 0.01442931 | 0.00590507 | 0.01073232 |
| Non-Hispanic | 0.98557069 | 0.99124724 | 0.98926768 | 0.99409493 |
| **Race:** |  |  |  |  |
| White | 0.50406027 | 0.59517925 | 0.48665300 | 0.59646525 |
| African American | 0.32152805 | 0.41171741 | 0.32185879 | 0.42331344 |
| Asian American | 0.00113107 | 0.00394857 | 0.00048216 | 0.00323254 |
| All Others | 0.02704014 | 0.13539524 | 0.01744401 | 0.15055081 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.26358691 | 0.32999637 | 0.25615841 | 0.33432882 |
| $25,000 to $34,999 | 0.12915855 | 0.17683829 | 0.12798516 | 0.18797941 |
| $35,000 to $49,999 | 0.16764599 | 0.27417624 | 0.14626312 | 0.27082342 |
| $50,000 to $74,999 | 0.10531205 | 0.14243528 | 0.08951650 | 0.13282490 |
| $75,000 to $99,999 | 0.03574621 | 0.05507252 | 0.02912177 | 0.05035575 |
| $100,000 to $149,999 | 0.03184673 | 0.05166780 | 0.03144498 | 0.05395584 |
| $150,000 or more | 0.02240687 | 0.05118604 | 0.02743331 | 0.06256506 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.12901305 | 0.16173187 | 0.12125281 | 0.16371627 |
| 4 years or more of college | 0.22597737 | 0.27161318 | 0.22476912 | 0.27970144 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Missouri: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09104554 | 0.11176547 | 0.09033483 | 0.11067862 |
| 25 to 44 years old | 0.30440587 | 0.34068253 | 0.31458449 | 0.35488620 |
| 45 to 64 years old | 0.36015810 | 0.39383512 | 0.36817342 | 0.40686010 |
| 65 years and older | 0.18591068 | 0.21219670 | 0.16482788 | 0.18965448 |
| **Sex:** |  |  |  |  |
| Male | 0.47806636 | 0.49865464 | 0.47220537 | 0.49311881 |
| Female | 0.50134536 | 0.52193364 | 0.50688119 | 0.52779463 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.01827087 | 0.02717906 | 0.01394671 | 0.02304078 |
| Non-Hispanic | 0.97282094 | 0.98172913 | 0.97695922 | 0.98605329 |
| **Race:** |  |  |  |  |
| White | 0.85909111 | 0.88003246 | 0.86207367 | 0.88654351 |
| African American | 0.07739695 | 0.09651262 | 0.07535389 | 0.09779106 |
| Asian American | 0.01114091 | 0.01981861 | 0.01128846 | 0.02181853 |
| All Others | 0.02338898 | 0.03261837 | 0.01737117 | 0.02775971 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.20830050 | 0.24988215 | 0.14442118 | 0.18197659 |
| $25,000 to $34,999 | 0.08070452 | 0.10062317 | 0.09390500 | 0.11806727 |
| $35,000 to $49,999 | 0.10946944 | 0.14189948 | 0.11587823 | 0.14938457 |
| $50,000 to $74,999 | 0.11792634 | 0.13996256 | 0.09850957 | 0.12530419 |
| $75,000 to $99,999 | 0.10283737 | 0.13429639 | 0.09479467 | 0.12836015 |
| $100,000 to $149,999 | 0.07769830 | 0.10428344 | 0.09556768 | 0.12810553 |
| $150,000 or more | 0.02337555 | 0.03246492 | 0.02520659 | 0.03497073 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.07857877 | 0.09683371 | 0.07016769 | 0.09074018 |
| 4 years or more of college | 0.29499829 | 0.32599012 | 0.28248513 | 0.31548611 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Nevada: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.08680650 | 0.10199416 | 0.08725420 | 0.10672301 |
| 25 to 44 years old | 0.34840942 | 0.37451003 | 0.36381675 | 0.39582334 |
| 45 to 64 years old | 0.34176976 | 0.36679177 | 0.35384457 | 0.38679625 |
| 65 years and older | 0.17933799 | 0.20038037 | 0.14155690 | 0.16418500 |
| **Sex:** |  |  |  |  |
| Male | 0.48969461 | 0.50731872 | 0.48242133 | 0.50124925 |
| Female | 0.49268128 | 0.51030539 | 0.49875075 | 0.51757867 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.17842975 | 0.20298312 | 0.15020727 | 0.18043978 |
| Non-Hispanic | 0.79701688 | 0.82157025 | 0.81956022 | 0.84979273 |
| **Race:** |  |  |  |  |
| White | 0.68638305 | 0.71534200 | 0.72591833 | 0.76172347 |
| African American | 0.07640047 | 0.09763089 | 0.07151440 | 0.09850856 |
| Asian American | 0.07094639 | 0.08882695 | 0.07453700 | 0.09751305 |
| All Others | 0.12184278 | 0.14262747 | 0.07363341 | 0.09665179 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.25511914 | 0.28222536 | 0.16001000 | 0.18726071 |
| $25,000 to $34,999 | 0.06489250 | 0.08326095 | 0.08010928 | 0.10417204 |
| $35,000 to $49,999 | 0.09382905 | 0.11444201 | 0.09308674 | 0.11865785 |
| $50,000 to $74,999 | 0.17485529 | 0.20403176 | 0.18210692 | 0.21681656 |
| $75,000 to $99,999 | 0.07797945 | 0.09650656 | 0.07229445 | 0.09346108 |
| $100,000 to $149,999 | 0.07495730 | 0.09358185 | 0.09084772 | 0.11501639 |
| $150,000 or more | 0.05762396 | 0.07816162 | 0.06904738 | 0.09454557 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.11195323 | 0.13069815 | 0.09512101 | 0.11891695 |
| 4 years or more of college | 0.25934595 | 0.28363040 | 0.27338003 | 0.30147264 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for New Hampshire: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.06087713 | 0.08140902 | 0.05521122 | 0.07923387 |
| 25 to 44 years old | 0.33037266 | 0.37574828 | 0.33730055 | 0.39111557 |
| 45 to 64 years old | 0.35177159 | 0.39007894 | 0.34220121 | 0.38761093 |
| 65 years and older | 0.18591242 | 0.22382996 | 0.18089714 | 0.22642951 |
| **Sex:** |  |  |  |  |
| Male | 0.45194386 | 0.48070089 | 0.45293534 | 0.48362273 |
| Female | 0.51929911 | 0.54805614 | 0.51637727 | 0.54706466 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.01615823 | 0.02834219 | 0.01349079 | 0.02810191 |
| Non-Hispanic | 0.97165781 | 0.98384177 | 0.97189809 | 0.98650921 |
| **Race:** |  |  |  |  |
| White | 0.94666425 | 0.96186208 | 0.95288408 | 0.97059029 |
| African American | 0.00096010 | 0.00308230 | 0.00013123 | 0.00142775 |
| Asian American | 0.01085599 | 0.01829009 | 0.00652023 | 0.01483182 |
| All Others | 0.02231351 | 0.03597168 | 0.01860024 | 0.03501436 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.10496725 | 0.13514184 | 0.09057923 | 0.12327020 |
| $25,000 to $34,999 | 0.05663485 | 0.09255575 | 0.06654317 | 0.11125351 |
| $35,000 to $49,999 | 0.07712266 | 0.09999435 | 0.06309462 | 0.08669124 |
| $50,000 to $74,999 | 0.16235806 | 0.20035113 | 0.13514585 | 0.17868920 |
| $75,000 to $99,999 | 0.15056239 | 0.19470388 | 0.14171226 | 0.19229589 |
| $100,000 to $149,999 | 0.12873207 | 0.15920820 | 0.11837365 | 0.15504976 |
| $150,000 or more | 0.04843052 | 0.06934830 | 0.05642259 | 0.08231599 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.03951207 | 0.05103265 | 0.03125613 | 0.04406015 |
| 4 years or more of college | 0.32127630 | 0.35529735 | 0.31831003 | 0.35861654 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for New Jersey: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10676115 | 0.12127953 | 0.10797223 | 0.12583262 |
| 25 to 44 years old | 0.33685462 | 0.35908680 | 0.34271408 | 0.37201159 |
| 45 to 64 years old | 0.34885671 | 0.36862836 | 0.34926924 | 0.37517623 |
| 65 years and older | 0.17108193 | 0.18745090 | 0.15378373 | 0.17324028 |
| **Sex:** |  |  |  |  |
| Male | 0.47456639 | 0.48752177 | 0.47009866 | 0.48397050 |
| Female | 0.51247823 | 0.52543361 | 0.51602950 | 0.52990134 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.11907011 | 0.13647838 | 0.09929108 | 0.12010329 |
| Non-Hispanic | 0.86352162 | 0.88092989 | 0.87989671 | 0.90070892 |
| **Race:** |  |  |  |  |
| White | 0.66779285 | 0.69443536 | 0.69069929 | 0.72635513 |
| African American | 0.10115243 | 0.11809572 | 0.09374555 | 0.11684329 |
| Asian American | 0.08709821 | 0.10932978 | 0.09240520 | 0.12320452 |
| All Others | 0.10317679 | 0.11891885 | 0.06942948 | 0.08731754 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.12758149 | 0.14935644 | 0.08959473 | 0.10975318 |
| $25,000 to $34,999 | 0.03770809 | 0.05004178 | 0.04644755 | 0.06350805 |
| $35,000 to $49,999 | 0.08811103 | 0.10544192 | 0.08204091 | 0.10003646 |
| $50,000 to $74,999 | 0.14727587 | 0.16901609 | 0.14581925 | 0.17316504 |
| $75,000 to $99,999 | 0.12745450 | 0.14741126 | 0.09196436 | 0.11478189 |
| $100,000 to $149,999 | 0.13599243 | 0.15529603 | 0.11592593 | 0.13884763 |
| $150,000 or more | 0.11398271 | 0.13499427 | 0.13164775 | 0.15936952 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.07708717 | 0.09170193 | 0.05265860 | 0.06397041 |
| 4 years or more of college | 0.37050996 | 0.39159571 | 0.40191628 | 0.43010911 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for New Mexico: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.10527109 | 0.13144217 | 0.10028832 | 0.13188589 |
| 25 to 44 years old | 0.30515717 | 0.34536685 | 0.30205105 | 0.34802549 |
| 45 to 64 years old | 0.31983017 | 0.35875446 | 0.32133874 | 0.36434246 |
| 65 years and older | 0.20499191 | 0.22918618 | 0.20178343 | 0.23028463 |
| **Sex:** |  |  |  |  |
| Male | 0.46599316 | 0.48497946 | 0.47331420 | 0.49403128 |
| Female | 0.51502054 | 0.53400684 | 0.50596872 | 0.52668580 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.43185575 | 0.46662325 | 0.41549231 | 0.45391447 |
| Non-Hispanic | 0.53337675 | 0.56814425 | 0.54608553 | 0.58450769 |
| **Race:** |  |  |  |  |
| White | 0.68907682 | 0.73801841 | 0.75789351 | 0.80800858 |
| African American | 0.00870560 | 0.01490561 | 0.00933968 | 0.01704953 |
| Asian American | 0.00754125 | 0.01575871 | 0.00752258 | 0.01800770 |
| All Others | 0.23898863 | 0.28700497 | 0.16681167 | 0.21536676 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.22459764 | 0.26303430 | 0.18020879 | 0.21828282 |
| $25,000 to $34,999 | 0.10422553 | 0.14157765 | 0.11578901 | 0.15294704 |
| $35,000 to $49,999 | 0.12935870 | 0.16234869 | 0.11282954 | 0.14430695 |
| $50,000 to $74,999 | 0.16358700 | 0.20443840 | 0.16025865 | 0.20452092 |
| $75,000 to $99,999 | 0.07396954 | 0.09567785 | 0.07689183 | 0.10299278 |
| $100,000 to $149,999 | 0.04946498 | 0.06498487 | 0.05230885 | 0.07126452 |
| $150,000 or more | 0.02460406 | 0.03543819 | 0.03077750 | 0.04501570 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.10633769 | 0.12328774 | 0.09910948 | 0.11905236 |
| 4 years or more of college | 0.25814740 | 0.29189387 | 0.25892949 | 0.29700677 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for New York: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11676532 | 0.14306183 | 0.11335435 | 0.14699549 |
| 25 to 44 years old | 0.32062831 | 0.35323126 | 0.32036434 | 0.36366163 |
| 45 to 64 years old | 0.33957465 | 0.36725662 | 0.33017038 | 0.36443029 |
| 65 years and older | 0.16891301 | 0.19056901 | 0.16621239 | 0.19481113 |
| **Sex:** |  |  |  |  |
| Male | 0.43400248 | 0.45668589 | 0.44484695 | 0.47138069 |
| Female | 0.54331411 | 0.56599752 | 0.52861931 | 0.55515305 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.08790033 | 0.10573963 | 0.06171977 | 0.08153899 |
| Non-Hispanic | 0.89426037 | 0.91209967 | 0.91846101 | 0.93828023 |
| **Race:** |  |  |  |  |
| White | 0.71788451 | 0.75501939 | 0.77024646 | 0.81020832 |
| African American | 0.08029453 | 0.10089814 | 0.06353613 | 0.08617703 |
| Asian American | 0.05882351 | 0.08461056 | 0.05559887 | 0.09024834 |
| All Others | 0.09071852 | 0.11175084 | 0.05304311 | 0.07094174 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.13671182 | 0.17619528 | 0.14479492 | 0.19443435 |
| $25,000 to $34,999 | 0.06249001 | 0.08102483 | 0.07202334 | 0.09611581 |
| $35,000 to $49,999 | 0.08432955 | 0.10270220 | 0.08502450 | 0.10801233 |
| $50,000 to $74,999 | 0.17367446 | 0.20073100 | 0.11838080 | 0.14771470 |
| $75,000 to $99,999 | 0.12731321 | 0.15607344 | 0.10021609 | 0.12975507 |
| $100,000 to $149,999 | 0.08018311 | 0.09747111 | 0.06836434 | 0.08893400 |
| $150,000 or more | 0.07323090 | 0.09162735 | 0.07131494 | 0.09425621 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.09571212 | 0.11605343 | 0.08056045 | 0.10592870 |
| 4 years or more of college | 0.31957415 | 0.35288979 | 0.31644891 | 0.35439236 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for North Carolina: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09710071 | 0.11716048 | 0.09019605 | 0.11357500 |
| 25 to 44 years old | 0.31214581 | 0.34685912 | 0.31654084 | 0.35793957 |
| 45 to 64 years old | 0.32516947 | 0.35656130 | 0.35207154 | 0.38962705 |
| 65 years and older | 0.20623320 | 0.23876990 | 0.17478149 | 0.20526844 |
| **Sex:** |  |  |  |  |
| Male | 0.47840594 | 0.49841076 | 0.48646483 | 0.50993832 |
| Female | 0.50158924 | 0.52159406 | 0.49006168 | 0.51353517 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.06518144 | 0.09895317 | 0.06537831 | 0.11125543 |
| Non-Hispanic | 0.90104683 | 0.93481856 | 0.88874457 | 0.93462169 |
| **Race:** |  |  |  |  |
| White | 0.72544969 | 0.75522438 | 0.75983807 | 0.79546402 |
| African American | 0.14863892 | 0.17771285 | 0.12136096 | 0.15277001 |
| Asian American | 0.01166262 | 0.02317914 | 0.01257031 | 0.02792945 |
| All Others | 0.06631462 | 0.09181778 | 0.05193017 | 0.07813700 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.36984866 | 0.41129962 | 0.24953514 | 0.30563545 |
| $25,000 to $34,999 | 0.08310685 | 0.10451478 | 0.10647727 | 0.13434691 |
| $35,000 to $49,999 | 0.08573781 | 0.10847130 | 0.07440912 | 0.10515138 |
| $50,000 to $74,999 | 0.12395741 | 0.15012922 | 0.13158581 | 0.16864997 |
| $75,000 to $99,999 | 0.08071330 | 0.10021937 | 0.09302248 | 0.11831141 |
| $100,000 to $149,999 | 0.04700786 | 0.06275347 | 0.06202188 | 0.08361819 |
| $150,000 or more | 0.02817992 | 0.04044065 | 0.03670335 | 0.05282743 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.14862185 | 0.16691792 | 0.13226919 | 0.16013217 |
| 4 years or more of college | 0.27734983 | 0.30500164 | 0.28282985 | 0.31950691 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Ohio: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09532328 | 0.12216168 | 0.08789340 | 0.12039684 |
| 25 to 44 years old | 0.34051679 | 0.37919531 | 0.35032154 | 0.39724979 |
| 45 to 64 years old | 0.35919415 | 0.38973286 | 0.35198418 | 0.39030867 |
| 65 years and older | 0.14368036 | 0.17019556 | 0.13470181 | 0.16714378 |
| **Sex:** |  |  |  |  |
| Male | 0.46384967 | 0.48721798 | 0.46586163 | 0.49191084 |
| Female | 0.51278202 | 0.53615033 | 0.50808916 | 0.53413837 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.00808955 | 0.01426650 | 0.00697306 | 0.01487490 |
| Non-Hispanic | 0.98573350 | 0.99191045 | 0.98512510 | 0.99302694 |
| **Race:** |  |  |  |  |
| White | 0.85973197 | 0.88762296 | 0.89361083 | 0.92543203 |
| African American | 0.08455257 | 0.11021219 | 0.05903412 | 0.08982643 |
| Asian American | 0.00432282 | 0.01001142 | 0.00260459 | 0.00779426 |
| All Others | 0.01690858 | 0.02663748 | 0.00630399 | 0.01539377 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.14945772 | 0.18410477 | 0.15707293 | 0.19581963 |
| $25,000 to $34,999 | 0.07142482 | 0.09805814 | 0.07215119 | 0.10501128 |
| $35,000 to $49,999 | 0.14390058 | 0.18705637 | 0.12444072 | 0.17837139 |
| $50,000 to $74,999 | 0.19088095 | 0.22926113 | 0.15113835 | 0.19807276 |
| $75,000 to $99,999 | 0.09165271 | 0.12053320 | 0.08179632 | 0.11597135 |
| $100,000 to $149,999 | 0.07770397 | 0.10765021 | 0.07586619 | 0.09973250 |
| $150,000 or more | 0.03321587 | 0.04911300 | 0.03616358 | 0.05642022 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.09236000 | 0.11256239 | 0.07769617 | 0.09812773 |
| 4 years or more of college | 0.26178207 | 0.29734987 | 0.25401920 | 0.28900249 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Pennsylvania: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11782561 | 0.15347685 | 0.13159340 | 0.17744170 |
| 25 to 44 years old | 0.27518045 | 0.31745029 | 0.26783307 | 0.31922764 |
| 45 to 64 years old | 0.34881716 | 0.39251344 | 0.34962904 | 0.40468103 |
| 65 years and older | 0.18012915 | 0.21460704 | 0.15742046 | 0.19217366 |
| **Sex:** |  |  |  |  |
| Male | 0.45681712 | 0.48378510 | 0.46073916 | 0.48999909 |
| Female | 0.51621490 | 0.54318288 | 0.51000091 | 0.53926084 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.03609094 | 0.06917387 | 0.02605713 | 0.06710787 |
| Non-Hispanic | 0.93082613 | 0.96390906 | 0.93289213 | 0.97394287 |
| **Race:** |  |  |  |  |
| White | 0.81508910 | 0.86696160 | 0.80392205 | 0.87142641 |
| African American | 0.06364501 | 0.09772502 | 0.05774169 | 0.10231274 |
| Asian American | 0.03221207 | 0.08114985 | 0.03926497 | 0.10264667 |
| All Others | 0.01701624 | 0.02620112 | 0.00755571 | 0.01512976 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.12729920 | 0.16510699 | 0.09355095 | 0.11880278 |
| $25,000 to $34,999 | 0.06838258 | 0.09651350 | 0.07721244 | 0.10969966 |
| $35,000 to $49,999 | 0.12159596 | 0.16070341 | 0.12290748 | 0.17115910 |
| $50,000 to $74,999 | 0.15294724 | 0.18808324 | 0.12085273 | 0.16072135 |
| $75,000 to $99,999 | 0.06908887 | 0.09315799 | 0.05959874 | 0.08767968 |
| $100,000 to $149,999 | 0.08908335 | 0.12631627 | 0.09370741 | 0.14091030 |
| $150,000 or more | 0.07667472 | 0.12312245 | 0.07315589 | 0.12232022 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.08442355 | 0.11138152 | 0.07723477 | 0.11023344 |
| 4 years or more of college | 0.27575266 | 0.31940679 | 0.27384351 | 0.32589264 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Rhode Island: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09483908 | 0.10803494 | 0.08900857 | 0.10570594 |
| 25 to 44 years old | 0.31714144 | 0.33806996 | 0.31486410 | 0.34156260 |
| 45 to 64 years old | 0.36452568 | 0.38535270 | 0.36162258 | 0.38672251 |
| 65 years and older | 0.18790717 | 0.20412902 | 0.19041763 | 0.21009608 |
| **Sex:** |  |  |  |  |
| Male | 0.45664491 | 0.47159223 | 0.45343542 | 0.47085147 |
| Female | 0.52840777 | 0.54335509 | 0.52914853 | 0.54656458 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.08457546 | 0.10055450 | 0.08487407 | 0.10605318 |
| Non-Hispanic | 0.89944550 | 0.91542454 | 0.89394682 | 0.91512593 |
| **Race:** |  |  |  |  |
| White | 0.83727544 | 0.85700458 | 0.85167174 | 0.87674974 |
| African American | 0.03548389 | 0.04657137 | 0.03781045 | 0.05203116 |
| Asian American | 0.01795170 | 0.02538566 | 0.01655886 | 0.02600833 |
| All Others | 0.08186410 | 0.09846326 | 0.06032513 | 0.07884460 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.12815320 | 0.14860642 | 0.14350434 | 0.17011363 |
| $25,000 to $34,999 | 0.04858347 | 0.06075636 | 0.05904454 | 0.07487385 |
| $35,000 to $49,999 | 0.08640927 | 0.10134757 | 0.09118819 | 0.11006623 |
| $50,000 to $74,999 | 0.15877434 | 0.18102710 | 0.09428787 | 0.11409945 |
| $75,000 to $99,999 | 0.14557415 | 0.16282359 | 0.10674957 | 0.12490352 |
| $100,000 to $149,999 | 0.10995752 | 0.12393088 | 0.09243274 | 0.10874479 |
| $150,000 or more | 0.06262547 | 0.07693478 | 0.07773431 | 0.09647843 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.10474120 | 0.11815158 | 0.10015023 | 0.11631727 |
| 4 years or more of college | 0.33215530 | 0.35168540 | 0.32246776 | 0.34662248 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for South Carolina: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.07501056 | 0.09360604 | 0.07548468 | 0.09850433 |
| 25 to 44 years old | 0.31564554 | 0.35585648 | 0.32575460 | 0.37482709 |
| 45 to 64 years old | 0.35708417 | 0.39146886 | 0.34950601 | 0.39332733 |
| 65 years and older | 0.18978028 | 0.22154806 | 0.17229399 | 0.21030196 |
| **Sex:** |  |  |  |  |
| Male | 0.43417138 | 0.46344034 | 0.43260106 | 0.46684917 |
| Female | 0.53655966 | 0.56582862 | 0.53315083 | 0.56739894 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.01882719 | 0.04056372 | 0.01154346 | 0.03839814 |
| Non-Hispanic | 0.95943628 | 0.98117281 | 0.96160186 | 0.98845654 |
| **Race:** |  |  |  |  |
| White | 0.66228826 | 0.70484461 | 0.66486084 | 0.71694093 |
| African American | 0.26081166 | 0.30652363 | 0.25850926 | 0.31399894 |
| Asian American | 0.00698997 | 0.01714906 | 0.00686836 | 0.01962730 |
| All Others | 0.01548992 | 0.02590289 | 0.00447995 | 0.01471442 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.28916373 | 0.34491065 | 0.21285495 | 0.27904598 |
| $25,000 to $34,999 | 0.08162510 | 0.10942387 | 0.08741964 | 0.12122787 |
| $35,000 to $49,999 | 0.11481729 | 0.14354980 | 0.11013193 | 0.14960562 |
| $50,000 to $74,999 | 0.13718577 | 0.18069683 | 0.13845568 | 0.18968523 |
| $75,000 to $99,999 | 0.07539115 | 0.10490870 | 0.08149527 | 0.11697226 |
| $100,000 to $149,999 | 0.04553973 | 0.06521325 | 0.05210209 | 0.07589765 |
| $150,000 or more | 0.03692428 | 0.06247408 | 0.04634209 | 0.07811210 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.16124270 | 0.19355387 | 0.13723069 | 0.18218168 |
| 4 years or more of college | 0.25338055 | 0.29024809 | 0.27016539 | 0.31375392 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

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| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Tennessee: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.09142951 | 0.12422723 | 0.08859049 | 0.12751626 |
| 25 to 44 years old | 0.34946092 | 0.40764857 | 0.36463505 | 0.43416770 |
| 45 to 64 years old | 0.30139517 | 0.33871710 | 0.30947147 | 0.35563553 |
| 65 years and older | 0.17539821 | 0.21172329 | 0.14278917 | 0.17719434 |
| **Sex:** |  |  |  |  |
| Male | 0.47794250 | 0.50047472 | 0.47048613 | 0.49446621 |
| Female | 0.49952528 | 0.52205750 | 0.50553379 | 0.52951387 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.04079035 | 0.07774079 | 0.04427931 | 0.09222997 |
| Non-Hispanic | 0.92225921 | 0.95920965 | 0.90777003 | 0.95572069 |
| **Race:** |  |  |  |  |
| White | 0.76970820 | 0.81874440 | 0.76740586 | 0.82977518 |
| African American | 0.10143705 | 0.14254340 | 0.09276216 | 0.14696721 |
| Asian American | 0.02262995 | 0.04482316 | 0.02072595 | 0.04881827 |
| All Others | 0.03560494 | 0.06450891 | 0.02791891 | 0.06562645 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.23295780 | 0.30678330 | 0.15905916 | 0.22446803 |
| $25,000 to $34,999 | 0.07406180 | 0.09925441 | 0.08536578 | 0.11511852 |
| $35,000 to $49,999 | 0.11104018 | 0.14664396 | 0.10375102 | 0.14507471 |
| $50,000 to $74,999 | 0.15601750 | 0.20149409 | 0.14606026 | 0.19592429 |
| $75,000 to $99,999 | 0.07315860 | 0.10621667 | 0.08331069 | 0.12368836 |
| $100,000 to $149,999 | 0.04345405 | 0.06562825 | 0.04906408 | 0.07502863 |
| $150,000 or more | 0.02527993 | 0.04676974 | 0.03261915 | 0.06025783 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.14929588 | 0.18698105 | 0.13962576 | 0.18562415 |
| 4 years or more of college | 0.23421422 | 0.28033700 | 0.22204136 | 0.27657712 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Texas: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11409589 | 0.14502016 | 0.09985185 | 0.13453076 |
| 25 to 44 years old | 0.32464628 | 0.36590933 | 0.33516251 | 0.38702600 |
| 45 to 64 years old | 0.33699844 | 0.37678029 | 0.35716243 | 0.40621164 |
| 65 years and older | 0.15428110 | 0.18226853 | 0.12425038 | 0.15580443 |
| **Sex:** |  |  |  |  |
| Male | 0.45751490 | 0.48618853 | 0.44864483 | 0.48057231 |
| Female | 0.51381147 | 0.54248510 | 0.51942769 | 0.55135517 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.33696383 | 0.38803465 | 0.32622163 | 0.38517772 |
| Non-Hispanic | 0.61196535 | 0.66303617 | 0.61482228 | 0.67377837 |
| **Race:** |  |  |  |  |
| White | 0.63354741 | 0.68474572 | 0.68854933 | 0.75059417 |
| African American | 0.08975426 | 0.12492976 | 0.06932417 | 0.11068652 |
| Asian American | 0.03168387 | 0.05344240 | 0.02955463 | 0.05664195 |
| All Others | 0.17011788 | 0.21177870 | 0.12190596 | 0.17274327 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.23672016 | 0.28446051 | 0.20065553 | 0.25496730 |
| $25,000 to $34,999 | 0.06558903 | 0.08802632 | 0.07195351 | 0.09980753 |
| $35,000 to $49,999 | 0.10968618 | 0.15212569 | 0.09882930 | 0.14948337 |
| $50,000 to $74,999 | 0.13373426 | 0.16605621 | 0.11535988 | 0.15200953 |
| $75,000 to $99,999 | 0.07701800 | 0.10817811 | 0.07747451 | 0.11424705 |
| $100,000 to $149,999 | 0.11088362 | 0.14867844 | 0.11239399 | 0.15441477 |
| $150,000 or more | 0.03822533 | 0.05540626 | 0.04528115 | 0.06700082 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.15500964 | 0.18836530 | 0.13888158 | 0.17798922 |
| 4 years or more of college | 0.27008260 | 0.30976548 | 0.27559165 | 0.31993302 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Vermont: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11937656 | 0.15443383 | 0.11319292 | 0.15471172 |
| 25 to 44 years old | 0.24330993 | 0.28354351 | 0.23980504 | 0.28804823 |
| 45 to 64 years old | 0.39420444 | 0.43100238 | 0.40044047 | 0.44525364 |
| 65 years and older | 0.17018992 | 0.20393943 | 0.16038213 | 0.19816587 |
| **Sex:** |  |  |  |  |
| Male | 0.47582673 | 0.50342979 | 0.47063504 | 0.50117397 |
| Female | 0.49657021 | 0.52417327 | 0.49882603 | 0.52936496 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.00345974 | 0.00730831 | 0.00294775 | 0.00717570 |
| Non-Hispanic | 0.99269169 | 0.99654026 | 0.99282430 | 0.99705225 |
| **Race:** |  |  |  |  |
| White | 0.95906167 | 0.97147911 | 0.96251809 | 0.97604596 |
| African American | 0.00352398 | 0.00818104 | 0.00111561 | 0.00531910 |
| Asian American | 0.00558755 | 0.01072956 | 0.00423122 | 0.00862114 |
| All Others | 0.01553598 | 0.02590112 | 0.01481641 | 0.02733246 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.14220677 | 0.18667306 | 0.14055824 | 0.19276069 |
| $25,000 to $34,999 | 0.05075735 | 0.07313471 | 0.05633863 | 0.08212121 |
| $35,000 to $49,999 | 0.12852470 | 0.18201905 | 0.13443825 | 0.19899192 |
| $50,000 to $74,999 | 0.21077215 | 0.25147471 | 0.13434803 | 0.17139679 |
| $75,000 to $99,999 | 0.11242484 | 0.14923708 | 0.11181153 | 0.15227590 |
| $100,000 to $149,999 | 0.07177955 | 0.10625374 | 0.08513486 | 0.12715887 |
| $150,000 or more | 0.02728826 | 0.05217070 | 0.03261758 | 0.06343077 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.05735279 | 0.08061370 | 0.05067399 | 0.07841506 |
| 4 years or more of college | 0.34493835 | 0.38714896 | 0.34166634 | 0.39371300 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for Virginia: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.11448044 | 0.13740923 | 0.11043315 | 0.13775823 |
| 25 to 44 years old | 0.32565737 | 0.35494552 | 0.32763293 | 0.36067395 |
| 45 to 64 years old | 0.34593436 | 0.36945099 | 0.36375404 | 0.39339722 |
| 65 years and older | 0.16682944 | 0.18529265 | 0.14293438 | 0.16341610 |
| **Sex:** |  |  |  |  |
| Male | 0.48082377 | 0.50078376 | 0.48612988 | 0.50647272 |
| Female | 0.49921624 | 0.51917623 | 0.49352728 | 0.51387012 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.07599747 | 0.10159894 | 0.07374000 | 0.10532073 |
| Non-Hispanic | 0.89840106 | 0.92400253 | 0.89467927 | 0.92626000 |
| **Race:** |  |  |  |  |
| White | 0.69727688 | 0.73428295 | 0.70618007 | 0.74972280 |
| African American | 0.12769570 | 0.15521815 | 0.11551542 | 0.14538508 |
| Asian American | 0.05122712 | 0.07338401 | 0.05379052 | 0.08152567 |
| All Others | 0.06842784 | 0.09248735 | 0.05911103 | 0.08876941 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.19701448 | 0.22414888 | 0.13331381 | 0.16386418 |
| $25,000 to $34,999 | 0.05854975 | 0.08021875 | 0.07319662 | 0.10008094 |
| $35,000 to $49,999 | 0.12859002 | 0.16098672 | 0.13820066 | 0.17753416 |
| $50,000 to $74,999 | 0.13418017 | 0.15461744 | 0.11955211 | 0.14352815 |
| $75,000 to $99,999 | 0.09541204 | 0.11702142 | 0.08944959 | 0.11365394 |
| $100,000 to $149,999 | 0.11406843 | 0.13458268 | 0.11855498 | 0.14106123 |
| $150,000 or more | 0.07780247 | 0.09777199 | 0.08732925 | 0.11172959 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.10774421 | 0.12900107 | 0.09418987 | 0.11544833 |
| 4 years or more of college | 0.34343341 | 0.36752045 | 0.34941330 | 0.37873804 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Frame Distribution Comparison of Demographics of Eligible Persons and Respondents for West Virginia: 2011** | | | | |
|  | Eligible | | Respondents Only | |
| Characteristic | 90% Confidence Interval | | 90% Confidence Interval | |
| **Age:** |  |  |  |  |
| 18 to 24 years old | 0.08230495 | 0.12174072 | 0.08758603 | 0.13360418 |
| 25 to 44 years old | 0.21365346 | 0.27275788 | 0.18381520 | 0.24531868 |
| 45 to 64 years old | 0.38818179 | 0.48518980 | 0.40305592 | 0.51631407 |
| 65 years and older | 0.18004728 | 0.25612411 | 0.16876556 | 0.26154035 |
| **Sex:** |  |  |  |  |
| Male | 0.42139014 | 0.47566734 | 0.41124467 | 0.47117748 |
| Female | 0.52433266 | 0.57860986 | 0.52882252 | 0.58875533 |
| **Ethnicity:** |  |  |  |  |
| Hispanic | 0.01117126 | 0.02494424 | 0.00927713 | 0.02496686 |
| Non-Hispanic | 0.97505576 | 0.98882874 | 0.97503314 | 0.99072287 |
| **Race:** |  |  |  |  |
| White | 0.92910219 | 0.96405026 | 0.92181318 | 0.96424476 |
| African American | 0.00459830 | 0.01136294 | 0.00373766 | 0.01083260 |
| Asian American | - | - | - | - |
| All Others | 0.02798406 | 0.06290224 | 0.02852602 | 0.07084578 |
| **Annual Household Income (2010):** |  |  |  |  |
| Less than $25,000 | 0.21612464 | 0.28830167 | 0.21410808 | 0.30047264 |
| $25,000 to $34,999 | 0.09935674 | 0.15943556 | 0.10723484 | 0.18011465 |
| $35,000 to $49,999 | 0.15556256 | 0.24173107 | 0.12801306 | 0.23066043 |
| $50,000 to $74,999 | 0.12573876 | 0.17347178 | 0.07604283 | 0.13417849 |
| $75,000 to $99,999 | 0.04883809 | 0.07466543 | 0.04857279 | 0.07333176 |
| $100,000 to $149,999 | 0.03278189 | 0.08081708 | 0.03974627 | 0.09851917 |
| $150,000 or more | 0.01565263 | 0.06523820 | 0.01942946 | 0.07902571 |
| **Education:** |  |  |  |  |
| 11 years or less | 0.14373104 | 0.19172456 | 0.15809823 | 0.21458006 |
| 4 years or more of college | 0.11240564 | 0.15824374 | 0.10516745 | 0.16155558 |
| Data sources: 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation; Census Block Administrative Records | | | | |
| Note: Percentages may not sum to one as some persons did not report annual household income and education is not a comprehensive list. | | | | |

# Appendix C: Regression Results

Appendix C is organized as follows. First, the results of the logistic regressions used to find a link between demographics and participation in fishing, hunting, and wildlife-watching are presented. The population of the logistic regressions is all eligible persons, both respondents and nonrespondents. It is assumed that nonrespondents did not participate. Next, the results of the dummy variable regressions used to link demographics to days and expenditures are given. The population of the dummy variable regressions is only respondents who participated.

## Logistic Regressions: Participation

The logistic regressions section is organized as follows. First the measurement of fit is presented. The measurements of fit used are the likelihood Ratio, the score statistic, and the Wald statistic. Next, the estimates from the logistic regressions are given. Last, the confidence intervals for the estimates are provided.

### Measurement of Fit

First, the measurements of fit for the weighted logistic regressions are provided. This is followed by the measurements of fit for the unweighted logistic regressions.

#### Weighted

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Likelihood Ratio Pr > F** | Sportsperson | Angler | Hunter | Wildlife Watcher | Away-From-Home Wildlife Watcher | Around-the-Home Wildlife Watcher |
| Age | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Gender | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Ethnicity | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Race | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Income | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Education | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Score Pr > F** | Sportsperson | Angler | Hunter | Wildlife Watcher | Away-From-Home Wildlife Watcher | Around-the-Home Wildlife Watcher |
| Age | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Gender | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Ethnicity | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0111 |
| Race | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Income | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Education | 0.0002 | 0.0001 | 0.0313 | <.0001 | <.0001 | <.0001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Wald Pr > F** | Sportsperson | Angler | Hunter | Wildlife Watcher | Away-From-Home Wildlife Watcher | Around-the-Home Wildlife Watcher |
| Age | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Gender | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Ethnicity | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0171 |
| Race | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Income | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Education | 0.0007 | 0.0004 | 0.0444 | <.0001 | <.0001 | <.0001 |

#### Unweighted

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Likelihood Ratio Pr > F** | Sportsperson | Angler | Hunter | Wildlife Watcher | Away-From-Home Wildlife Watcher | Around-the-Home Wildlife Watcher |
| Age | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Gender | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Ethnicity | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0002 |
| Race | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Income | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Education | <.0001 | <.0001 | 0.0006 | <.0001 | <.0001 | <.0001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Score Pr > F** | Sportsperson | Angler | Hunter | Wildlife Watcher | Away-From-Home Wildlife Watcher | Around-the-Home Wildlife Watcher |
| Age | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Gender | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Ethnicity | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0002 |
| Race | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Income | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Education | <.0001 | <.0001 | 0.0003 | <.0001 | <.0001 | <.0001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Wald Pr > F** | Sportsperson | Angler | Hunter | Wildlife Watcher | Away-From-Home Wildlife Watcher | Around-the-Home Wildlife Watcher |
| Age | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Gender | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Ethnicity | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0002 |
| Race | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Income | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| Education | <.0001 | <.0001 | 0.0008 | <.0001 | <.0001 | <.0001 |

### Estimates

The estimates provided are means. They represent the odds ratios comparing a person in the demographic category on the left to a person in the demographic category along the top.

The following example explains how to read the table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Age** | **18 to 24 years old** | **25 to 44 years old** | **45 to 64 years old** | **65 years old and older** |
| **18 to 24 years old** | - | 0.634 | 0.603 | 1.18 |
| **25 to 44 years old** | 1.577 | - | 0.951 | 1.862 |
| **45 to 64 years old** | 1.658 | 1.051 | - | 1.957 |
| **65 years old and older** | 0.847 | 0.537 | 0.511 | - |

The estimates on the diagonal are not provided because they compare the likelihood of the same group. The table should be read like this. A person who is 25 to 44 years old is 1.577 times more likely to be a sportsperson compared to a person who is 18 to 24 years old, on average. A person 25 to 44 years old is 0.951 times as likely to be a sportsperson compared to a person who is 45 to 64 years old, on average. To see if this relative likelihood is significant, reference the confidence intervals in the next section.

#### Weighted

##### Sportsperson Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.634 | 0.603 | 1.18 |
| 25 to 44 years old | 1.577 | - | 0.951 | 1.862 |
| 45 to 64 years old | 1.658 | 1.051 | - | 1.957 |
| 65 years old and older | 0.847 | 0.537 | 0.511 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 3.197 |
| Hispanic | 0.313 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 3.471 |
| Female | 0.288 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 2.22 | 3.068 | 3.082 |
| African American | 0.45 | - | 1.382 | 1.388 |
| Asian American | 0.326 | 0.724 | - | 1.005 |
| Other races | 0.324 | 0.72 | 0.996 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.619 | 0.575 | 0.559 | 0.472 | 0.442 | 0.497 |
| $25,000 to $34,999 | 1.614 | - | 0.928 | 0.903 | 0.762 | 0.714 | 0.802 |
| $35,000 to $49,999 | 1.739 | 1.078 | - | 0.973 | 0.821 | 0.769 | 0.864 |
| $50,000 to $74,999 | 1.788 | 1.108 | 1.028 | - | 0.844 | 0.791 | 0.889 |
| $75,000 to $99,999 | 2.119 | 1.312 | 1.218 | 1.185 | - | 0.937 | 1.053 |
| $100,000 to $149,999 | 2.261 | 1.401 | 1.3 | 1.264 | 1.067 | - | 1.124 |
| $150,000 or more | 2.012 | 1.247 | 1.157 | 1.125 | 0.95 | 0.89 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 1.436 |
| 4 years or more of college | 0.696 | - |

##### Fishing Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.644 | 0.634 | 1.25 |
| 25 to 44 years old | 1.552 | - | 0.984 | 1.94 |
| 45 to 64 years old | 1.577 | 1.016 | - | 1.971 |
| 65 years old and older | 0.8 | 0.516 | 0.507 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 3.014 |
| Hispanic | 0.332 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 3.085 |
| Female | 0.324 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 1.992 | 2.695 | 2.836 |
| African American | 0.502 | - | 1.353 | 1.424 |
| Asian American | 0.371 | 0.739 | - | 1.052 |
| Other races | 0.353 | 0.702 | 0.95 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.622 | 0.581 | 0.582 | 0.487 | 0.471 | 0.487 |
| $25,000 to $34,999 | 1.607 | - | 0.934 | 0.935 | 0.783 | 0.757 | 0.783 |
| $35,000 to $49,999 | 1.72 | 1.07 | - | 1 | 0.837 | 0.81 | 0.838 |
| $50,000 to $74,999 | 1.719 | 1.07 | 1 | - | 0.837 | 0.81 | 0.838 |
| $75,000 to $99,999 | 2.054 | 1.278 | 1.194 | 1.195 | - | 0.967 | 1.001 |
| $100,000 to $149,999 | 2.124 | 1.321 | 1.235 | 1.235 | 1.034 | - | 1.034 |
| $150,000 or more | 2.053 | 1.277 | 1.193 | 1.194 | 0.999 | 0.967 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 1.486 |
| 4 years or more of college | 0.673 | - |

##### Hunting Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.913 | 0.735 | 1.601 |
| 25 to 44 years old | 1.096 | - | 0.806 | 1.755 |
| 45 to 64 years old | 1.36 | 1.241 | - | 2.177 |
| 65 years old and older | 0.625 | 0.57 | 0.459 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 7.92 |
| Hispanic | 0.126 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 10.247 |
| Female | 0.098 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 4.22 | 32.63 | 4.812 |
| African American | 0.237 | - | 7.731 | 1.14 |
| Asian American | 0.031 | 0.129 | - | 0.147 |
| Other races | 0.208 | 0.877 | 6.781 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.521 | 0.443 | 0.402 | 0.31 | 0.306 | 0.485 |
| $25,000 to $34,999 | 1.919 | - | 0.85 | 0.771 | 0.594 | 0.587 | 0.93 |
| $35,000 to $49,999 | 2.257 | 1.176 | - | 0.907 | 0.698 | 0.69 | 1.093 |
| $50,000 to $74,999 | 2.488 | 1.297 | 1.103 | - | 0.77 | 0.761 | 1.206 |
| $75,000 to $99,999 | 3.231 | 1.684 | 1.432 | 1.298 | - | 0.988 | 1.565 |
| $100,000 to $149,999 | 3.269 | 1.704 | 1.449 | 1.314 | 1.012 | - | 1.584 |
| $150,000 or more | 2.064 | 1.076 | 0.915 | 0.829 | 0.639 | 0.631 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 1.366 |
| 4 years or more of college | 0.732 | - |

##### Wildlife-Watching Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.41 | 0.246 | 0.251 |
| 25 to 44 years old | 2.438 | - | 0.599 | 0.612 |
| 45 to 64 years old | 4.069 | 1.669 | - | 1.02 |
| 65 years old and older | 3.987 | 1.635 | 0.98 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 3.244 |
| Hispanic | 0.308 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 1.142 |
| Female | 0.876 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 3.627 | 4.974 | 3.618 |
| African American | 0.276 | - | 1.371 | 0.997 |
| Asian American | 0.201 | 0.729 | - | 0.727 |
| Other races | 0.276 | 1.003 | 1.375 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.656 | 0.647 | 0.576 | 0.547 | 0.476 | 0.465 |
| $25,000 to $34,999 | 1.524 | - | 0.987 | 0.879 | 0.834 | 0.726 | 0.709 |
| $35,000 to $49,999 | 1.545 | 1.013 | - | 0.891 | 0.845 | 0.735 | 0.719 |
| $50,000 to $74,999 | 1.735 | 1.138 | 1.123 | - | 0.949 | 0.826 | 0.807 |
| $75,000 to $99,999 | 1.827 | 1.199 | 1.183 | 1.053 | - | 0.87 | 0.85 |
| $100,000 to $149,999 | 2.1 | 1.378 | 1.36 | 1.211 | 1.149 | - | 0.977 |
| $150,000 or more | 2.15 | 1.41 | 1.392 | 1.239 | 1.176 | 1.023 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 2.766 |
| 4 years or more of college | 0.362 | - |

##### Away-from-Home Wildlife-Watching Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.344 | 0.257 | 0.464 |
| 25 to 44 years old | 2.911 | - | 0.748 | 1.35 |
| 45 to 64 years old | 3.889 | 1.336 | - | 1.803 |
| 65 years old and older | 2.156 | 0.741 | 0.555 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 2.512 |
| Hispanic | 0.398 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 1.331 |
| Female | 0.751 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 3.946 | 5.477 | 3.591 |
| African American | 0.253 | - | 1.388 | 0.91 |
| Asian American | 0.183 | 0.72 | - | 0.656 |
| Other races | 0.278 | 1.099 | 1.525 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.539 | 0.499 | 0.378 | 0.365 | 0.363 | 0.357 |
| $25,000 to $34,999 | 1.855 | - | 0.925 | 0.7 | 0.677 | 0.672 | 0.663 |
| $35,000 to $49,999 | 2.006 | 1.081 | - | 0.757 | 0.732 | 0.727 | 0.717 |
| $50,000 to $74,999 | 2.649 | 1.428 | 1.321 | - | 0.967 | 0.96 | 0.946 |
| $75,000 to $99,999 | 2.74 | 1.478 | 1.366 | 1.035 | - | 0.994 | 0.979 |
| $100,000 to $149,999 | 2.758 | 1.487 | 1.375 | 1.041 | 1.006 | - | 0.985 |
| $150,000 or more | 2.799 | 1.509 | 1.396 | 1.057 | 1.021 | 1.015 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 4.958 |
| 4 years or more of college | 0.202 | - |

##### Around-the-Home Wildlife-Watching Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.394 | 0.222 | 0.215 |
| 25 to 44 years old | 2.54 | - | 0.564 | 0.546 |
| 45 to 64 years old | 4.503 | 1.773 | - | 0.969 |
| 65 years old and older | 4.649 | 1.83 | 1.032 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 3.355 |
| Hispanic | 0.298 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 1.084 |
| Female | 0.922 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 3.743 | 5.452 | 3.573 |
| African American | 0.267 | - | 1.456 | 0.955 |
| Asian American | 0.183 | 0.687 | - | 0.655 |
| Other races | 0.28 | 1.048 | 1.526 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.656 | 0.65 | 0.603 | 0.567 | 0.488 | 0.463 |
| $25,000 to $34,999 | 1.523 | - | 0.991 | 0.918 | 0.865 | 0.744 | 0.705 |
| $35,000 to $49,999 | 1.538 | 1.009 | - | 0.927 | 0.873 | 0.751 | 0.712 |
| $50,000 to $74,999 | 1.659 | 1.089 | 1.079 | - | 0.942 | 0.81 | 0.768 |
| $75,000 to $99,999 | 1.762 | 1.157 | 1.146 | 1.062 | - | 0.861 | 0.816 |
| $100,000 to $149,999 | 2.048 | 1.344 | 1.332 | 1.234 | 1.162 | - | 0.948 |
| $150,000 or more | 2.161 | 1.418 | 1.405 | 1.302 | 1.226 | 1.055 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 2.663 |
| 4 years or more of college | 0.376 | - |

#### Unweighted

##### Sportsperson Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.586 | 0.609 | 1.08 |
| 25 to 44 years old | 1.706 | - | 1.039 | 1.843 |
| 45 to 64 years old | 1.642 | 0.962 | - | 1.773 |
| 65 years old and older | 0.926 | 0.543 | 0.564 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 2.592 |
| Hispanic | 0.386 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 3.556 |
| Female | 0.281 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 2.626 | 3.266 | 2.428 |
| African American | 0.381 | - | 1.244 | 0.925 |
| Asian American | 0.306 | 0.804 | - | 0.744 |
| Other races | 0.412 | 1.081 | 1.345 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.399 | 0.433 | 0.46 | 0.383 | 0.377 | 0.405 |
| $25,000 to $34,999 | 2.506 | - | 1.084 | 1.153 | 0.961 | 0.946 | 1.014 |
| $35,000 to $49,999 | 2.311 | 0.922 | - | 1.063 | 0.886 | 0.872 | 0.935 |
| $50,000 to $74,999 | 2.174 | 0.868 | 0.941 | - | 0.833 | 0.821 | 0.88 |
| $75,000 to $99,999 | 2.609 | 1.041 | 1.129 | 1.2 | - | 0.984 | 1.055 |
| $100,000 to $149,999 | 2.65 | 1.057 | 1.147 | 1.219 | 1.016 | - | 1.072 |
| $150,000 or more | 2.472 | 0.986 | 1.07 | 1.137 | 0.948 | 0.933 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 1.56 |
| 4 years or more of college | 0.641 | - |

##### Fishing Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.6 | 0.644 | 1.148 |
| 25 to 44 years old | 1.666 | - | 1.073 | 1.913 |
| 45 to 64 years old | 1.553 | 0.932 | - | 1.783 |
| 65 years old and older | 0.871 | 0.523 | 0.561 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 2.46 |
| Hispanic | 0.407 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 3.137 |
| Female | 0.319 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 2.364 | 2.871 | 2.28 |
| African American | 0.423 | - | 1.215 | 0.964 |
| Asian American | 0.348 | 0.823 | - | 0.794 |
| Other races | 0.439 | 1.037 | 1.259 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.409 | 0.425 | 0.46 | 0.384 | 0.384 | 0.388 |
| $25,000 to $34,999 | 2.447 | - | 1.041 | 1.127 | 0.94 | 0.939 | 0.949 |
| $35,000 to $49,999 | 2.351 | 0.961 | - | 1.082 | 0.903 | 0.902 | 0.911 |
| $50,000 to $74,999 | 2.172 | 0.888 | 0.924 | - | 0.835 | 0.833 | 0.842 |
| $75,000 to $99,999 | 2.602 | 1.064 | 1.107 | 1.198 | - | 0.998 | 1.009 |
| $100,000 to $149,999 | 2.607 | 1.065 | 1.109 | 1.2 | 1.002 | - | 1.011 |
| $150,000 or more | 2.579 | 1.054 | 1.097 | 1.188 | 0.991 | 0.989 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 1.608 |
| 4 years or more of college | 0.622 | - |

##### Hunting Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.635 | 0.615 | 1.175 |
| 25 to 44 years old | 1.576 | - | 0.968 | 1.852 |
| 45 to 64 years old | 1.627 | 1.033 | - | 1.913 |
| 65 years old and older | 0.851 | 0.54 | 0.523 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 5.071 |
| Hispanic | 0.197 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 10.487 |
| Female | 0.095 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 5.97 | 7.898 | 3.156 |
| African American | 0.167 | - | 1.323 | 0.529 |
| Asian American | 0.127 | 0.756 | - | 0.4 |
| Other races | 0.317 | 1.892 | 2.502 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.351 | 0.365 | 0.393 | 0.341 | 0.329 | 0.437 |
| $25,000 to $34,999 | 2.848 | - | 1.04 | 1.119 | 0.972 | 0.936 | 1.243 |
| $35,000 to $49,999 | 2.739 | 0.962 | - | 1.076 | 0.935 | 0.9 | 1.196 |
| $50,000 to $74,999 | 2.545 | 0.894 | 0.929 | - | 0.869 | 0.836 | 1.111 |
| $75,000 to $99,999 | 2.929 | 1.028 | 1.069 | 1.151 | - | 0.963 | 1.279 |
| $100,000 to $149,999 | 3.043 | 1.068 | 1.111 | 1.196 | 1.039 | - | 1.329 |
| $150,000 or more | 2.29 | 0.804 | 0.836 | 0.9 | 0.782 | 0.753 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 1.322 |
| 4 years or more of college | 0.756 | - |

##### Wildlife-Watching Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.386 | 0.215 | 0.234 |
| 25 to 44 years old | 2.591 | - | 0.558 | 0.606 |
| 45 to 64 years old | 4.642 | 1.791 | - | 1.085 |
| 65 years old and older | 4.277 | 1.651 | 0.921 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 2.788 |
| Hispanic | 0.359 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 1.135 |
| Female | 0.881 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 3.803 | 4.665 | 3.188 |
| African American | 0.263 | - | 1.227 | 0.838 |
| Asian American | 0.214 | 0.815 | - | 0.683 |
| Other races | 0.314 | 1.193 | 1.463 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.448 | 0.532 | 0.551 | 0.474 | 0.414 | 0.376 |
| $25,000 to $34,999 | 2.233 | - | 1.188 | 1.231 | 1.058 | 0.924 | 0.839 |
| $35,000 to $49,999 | 1.88 | 0.842 | - | 1.037 | 0.891 | 0.778 | 0.706 |
| $50,000 to $74,999 | 1.813 | 0.812 | 0.965 | - | 0.859 | 0.75 | 0.681 |
| $75,000 to $99,999 | 2.111 | 0.945 | 1.123 | 1.164 | - | 0.873 | 0.793 |
| $100,000 to $149,999 | 2.417 | 1.082 | 1.285 | 1.333 | 1.145 | - | 0.908 |
| $150,000 or more | 2.661 | 1.192 | 1.416 | 1.468 | 1.261 | 1.101 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 2.759 |
| 4 years or more of college | 0.362 | - |

##### Away-from-Home Wildlife-Watching Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.394 | 0.285 | 0.525 |
| 25 to 44 years old | 2.539 | - | 0.723 | 1.333 |
| 45 to 64 years old | 3.512 | 1.383 | - | 1.844 |
| 65 years old and older | 1.905 | 0.75 | 0.542 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 2.476 |
| Hispanic | 0.404 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 1.291 |
| Female | 0.775 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 4.341 | 3.899 | 2.648 |
| African American | 0.23 | - | 0.898 | 0.61 |
| Asian American | 0.256 | 1.113 | - | 0.679 |
| Other races | 0.378 | 1.639 | 1.472 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.382 | 0.439 | 0.411 | 0.342 | 0.302 | 0.287 |
| $25,000 to $34,999 | 2.615 | - | 1.148 | 1.074 | 0.893 | 0.789 | 0.749 |
| $35,000 to $49,999 | 2.278 | 0.871 | - | 0.935 | 0.778 | 0.687 | 0.653 |
| $50,000 to $74,999 | 2.435 | 0.931 | 1.069 | - | 0.832 | 0.735 | 0.698 |
| $75,000 to $99,999 | 2.927 | 1.119 | 1.285 | 1.202 | - | 0.883 | 0.839 |
| $100,000 to $149,999 | 3.313 | 1.267 | 1.455 | 1.361 | 1.132 | - | 0.949 |
| $150,000 or more | 3.49 | 1.335 | 1.532 | 1.433 | 1.192 | 1.053 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 4.424 |
| 4 years or more of college | 0.226 | - |

##### Around-the-Home Wildlife-Watching Participation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | - | 0.369 | 0.189 | 0.196 |
| 25 to 44 years old | 2.708 | - | 0.512 | 0.53 |
| 45 to 64 years old | 5.29 | 1.953 | - | 1.036 |
| 65 years old and older | 5.107 | 1.886 | 0.966 | - |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | - | 2.922 |
| Hispanic | 0.342 | - |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | - | 1.086 |
| Female | 0.921 | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | - | 3.831 | 4.982 | 3.3 |
| African American | 0.261 | - | 1.3 | 0.861 |
| Asian American | 0.201 | 0.769 | - | 0.662 |
| Other races | 0.303 | 1.161 | 1.51 | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | - | 0.446 | 0.54 | 0.565 | 0.485 | 0.424 | 0.378 |
| $25,000 to $34,999 | 2.242 | - | 1.212 | 1.267 | 1.087 | 0.95 | 0.848 |
| $35,000 to $49,999 | 1.85 | 0.825 | - | 1.045 | 0.897 | 0.784 | 0.7 |
| $50,000 to $74,999 | 1.77 | 0.789 | 0.957 | - | 0.858 | 0.75 | 0.67 |
| $75,000 to $99,999 | 2.062 | 0.92 | 1.114 | 1.165 | - | 0.874 | 0.78 |
| $100,000 to $149,999 | 2.361 | 1.053 | 1.276 | 1.334 | 1.145 | - | 0.893 |
| $150,000 or more | 2.643 | 1.179 | 1.429 | 1.494 | 1.282 | 1.12 | - |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | - | 2.715 |
| 4 years or more of college | 0.368 | - |

### Confidence Intervals

The confidence intervals for the estimates above should be read as follows.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **18 to 24 years old** | | **25 to 44 years old** | | **45 to 64 years old** | | **65 years old and older** | |
| **Age** | **95% Confidence Interval** | | **95% Confidence Interval** | | **95% Confidence Interval** | | **95% Confidence Interval** | |
| **18 to 24 years old** | - | - | 0.515 | 0.78 | 0.494 | 0.737 | 0.946 | 1.473 |
| **25 to 44 years old** | 1.281 | 1.942 | - | - | 0.851 | 1.064 | 1.602 | 2.163 |
| **45 to 64 years old** | 1.357 | 2.026 | 0.94 | 1.175 | - | - | 1.694 | 2.26 |
| **65 years old and older** | 0.679 | 1.057 | 0.462 | 0.624 | 0.442 | 0.59 | - | - |

The corresponding mean estimate of 1.577 has a 95% confidence interval of 1.281-1.942. A value of 1 is not included in the interval, therefore a 25 to 44 year old is statistically more likely to be a sportsperson when compared to an 18 to 24 year old. Similarly, the mean estimate of 0.951 reference above has a 95% confidence interval of 0.851-1.064. Therefore, even though on average a 25 to 44 years slightly less likely to be a sportsperson when compared to a 45 to 64 year old, statistically, they are not different.

#### Weighted

##### Sportsperson Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.515 | 0.78 | 0.494 | 0.737 | 0.946 | 1.473 |
| 25 to 44 years old | 1.281 | 1.942 | - | - | 0.851 | 1.064 | 1.602 | 2.163 |
| 45 to 64 years old | 1.357 | 2.026 | 0.94 | 1.175 | - | - | 1.694 | 2.26 |
| 65 years old and older | 0.679 | 1.057 | 0.462 | 0.624 | 0.442 | 0.59 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.513 | 4.068 |
| Hispanic | 0.246 | 0.398 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 3.154 | 3.818 |
| Female | 0.262 | 0.317 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 1.772 | 2.781 | 1.776 | 5.3 | 2.413 | 3.936 |
| African American | 0.36 | 0.564 | - | - | 0.764 | 2.5 | 0.975 | 1.977 |
| Asian American | 0.189 | 0.563 | 0.4 | 1.309 | - | - | 0.557 | 1.81 |
| Other races | 0.254 | 0.414 | 0.506 | 1.026 | 0.552 | 1.794 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.493 | 0.778 | 0.465 | 0.71 | 0.459 | 0.681 | 0.387 | 0.576 | 0.36 | 0.544 | 0.392 | 0.631 |
| $25,000 to $34,999 | 1.285 | 2.028 | - | - | 0.745 | 1.157 | 0.727 | 1.121 | 0.606 | 0.958 | 0.574 | 0.889 | 0.628 | 1.024 |
| $35,000 to $49,999 | 1.408 | 2.149 | 0.865 | 1.343 | - | - | 0.828 | 1.143 | 0.681 | 0.989 | 0.636 | 0.931 | 0.702 | 1.064 |
| $50,000 to $74,999 | 1.469 | 2.177 | 0.892 | 1.375 | 0.875 | 1.208 | - | - | 0.702 | 1.014 | 0.666 | 0.939 | 0.729 | 1.083 |
| $75,000 to $99,999 | 1.735 | 2.587 | 1.044 | 1.65 | 1.011 | 1.468 | 0.986 | 1.424 | - | - | 0.767 | 1.145 | 0.844 | 1.313 |
| $100,000 to $149,999 | 1.84 | 2.779 | 1.125 | 1.743 | 1.075 | 1.572 | 1.065 | 1.501 | 0.874 | 1.304 | - | - | 0.922 | 1.369 |
| $150,000 or more | 1.586 | 2.554 | 0.976 | 1.592 | 0.94 | 1.424 | 0.924 | 1.371 | 0.762 | 1.185 | 0.731 | 1.084 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 1.168 | 1.766 |
| 4 years or more of college | 0.566 | 0.856 | - | - |

##### Fishing Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.519 | 0.799 | 0.516 | 0.78 | 0.997 | 1.567 |
| 25 to 44 years old | 1.251 | 1.926 | - | - | 0.876 | 1.106 | 1.656 | 2.271 |
| 45 to 64 years old | 1.282 | 1.94 | 0.904 | 1.142 | - | - | 1.695 | 2.291 |
| 65 years old and older | 0.638 | 1.003 | 0.44 | 0.604 | 0.436 | 0.59 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.337 | 3.887 |
| Hispanic | 0.257 | 0.428 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 2.787 | 3.414 |
| Female | 0.293 | 0.359 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 1.584 | 2.505 | 1.557 | 4.665 | 2.198 | 3.661 |
| African American | 0.399 | 0.631 | - | - | 0.746 | 2.455 | 0.989 | 2.05 |
| Asian American | 0.214 | 0.642 | 0.407 | 1.341 | - | - | 0.578 | 1.915 |
| Other races | 0.273 | 0.455 | 0.488 | 1.011 | 0.522 | 1.729 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.49 | 0.79 | 0.464 | 0.729 | 0.472 | 0.716 | 0.394 | 0.601 | 0.377 | 0.589 | 0.379 | 0.626 |
| $25,000 to $34,999 | 1.266 | 2.04 | - | - | 0.74 | 1.179 | 0.746 | 1.171 | 0.614 | 0.997 | 0.599 | 0.957 | 0.607 | 1.01 |
| $35,000 to $49,999 | 1.372 | 2.157 | 0.848 | 1.351 | - | - | 0.842 | 1.188 | 0.685 | 1.025 | 0.655 | 1.002 | 0.675 | 1.04 |
| $50,000 to $74,999 | 1.396 | 2.117 | 0.854 | 1.34 | 0.841 | 1.187 | - | - | 0.688 | 1.018 | 0.669 | 0.979 | 0.682 | 1.029 |
| $75,000 to $99,999 | 1.664 | 2.535 | 1.003 | 1.629 | 0.976 | 1.461 | 0.982 | 1.453 | - | - | 0.781 | 1.198 | 0.795 | 1.259 |
| $100,000 to $149,999 | 1.699 | 2.654 | 1.045 | 1.67 | 0.998 | 1.528 | 1.021 | 1.494 | 0.835 | 1.28 | - | - | 0.833 | 1.285 |
| $150,000 or more | 1.599 | 2.636 | 0.99 | 1.648 | 0.962 | 1.481 | 0.972 | 1.467 | 0.794 | 1.257 | 0.778 | 1.2 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 1.195 | 1.848 |
| 4 years or more of college | 0.541 | 0.837 | - | - |

##### Hunting Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.664 | 1.255 | 0.534 | 1.014 | 1.109 | 2.311 |
| 25 to 44 years old | 0.797 | 1.507 | - | - | 0.691 | 0.94 | 1.402 | 2.196 |
| 45 to 64 years old | 0.986 | 1.874 | 1.064 | 1.447 | - | - | 1.742 | 2.721 |
| 65 years old and older | 0.433 | 0.901 | 0.455 | 0.713 | 0.368 | 0.574 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 4.651 | 13.488 |
| Hispanic | 0.074 | 0.215 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 8.353 | 12.572 |
| Female | 0.08 | 0.12 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 1.968 | 9.051 | 18.622 | 57.174 | 3.465 | 6.684 |
| African American | 0.11 | 0.508 | - | - | 2.907 | 20.559 | 0.477 | 2.727 |
| Asian American | 0.017 | 0.054 | 0.049 | 0.344 | - | - | 0.077 | 0.281 |
| Other races | 0.15 | 0.289 | 0.367 | 2.098 | 3.556 | 12.929 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.355 | 0.764 | 0.308 | 0.637 | 0.296 | 0.546 | 0.221 | 0.433 | 0.217 | 0.432 | 0.335 | 0.702 |
| $25,000 to $34,999 | 1.308 | 2.813 | - | - | 0.614 | 1.178 | 0.565 | 1.052 | 0.423 | 0.834 | 0.436 | 0.791 | 0.652 | 1.324 |
| $35,000 to $49,999 | 1.571 | 3.242 | 0.849 | 1.629 | - | - | 0.709 | 1.16 | 0.526 | 0.928 | 0.523 | 0.912 | 0.778 | 1.537 |
| $50,000 to $74,999 | 1.831 | 3.382 | 0.95 | 1.77 | 0.862 | 1.41 | - | - | 0.587 | 1.01 | 0.6 | 0.966 | 0.893 | 1.628 |
| $75,000 to $99,999 | 2.311 | 4.516 | 1.199 | 2.364 | 1.077 | 1.903 | 0.99 | 1.702 | - | - | 0.743 | 1.314 | 1.119 | 2.189 |
| $100,000 to $149,999 | 2.317 | 4.612 | 1.264 | 2.296 | 1.097 | 1.913 | 1.035 | 1.667 | 0.761 | 1.346 | - | - | 1.156 | 2.17 |
| $150,000 or more | 1.425 | 2.989 | 0.755 | 1.533 | 0.651 | 1.286 | 0.614 | 1.12 | 0.457 | 0.893 | 0.461 | 0.865 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 1.008 | 1.85 |
| 4 years or more of college | 0.54 | 0.992 | - | - |

##### Wildlife-Watching Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.323 | 0.521 | 0.195 | 0.311 | 0.195 | 0.322 |
| 25 to 44 years old | 1.919 | 3.098 | - | - | 0.533 | 0.674 | 0.536 | 0.698 |
| 45 to 64 years old | 3.22 | 5.14 | 1.484 | 1.876 | - | - | 0.923 | 1.128 |
| 65 years old and older | 3.107 | 5.118 | 1.433 | 1.867 | 0.886 | 1.084 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.594 | 4.057 |
| Hispanic | 0.246 | 0.385 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 1.07 | 1.219 |
| Female | 0.821 | 0.934 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 2.865 | 4.592 | 3.61 | 6.854 | 2.933 | 4.462 |
| African American | 0.218 | 0.349 | - | - | 0.912 | 2.061 | 0.723 | 1.377 |
| Asian American | 0.146 | 0.277 | 0.485 | 1.096 | - | - | 0.502 | 1.055 |
| Other races | 0.224 | 0.341 | 0.726 | 1.384 | 0.948 | 1.994 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.546 | 0.788 | 0.525 | 0.798 | 0.481 | 0.691 | 0.46 | 0.651 | 0.401 | 0.565 | 0.382 | 0.567 |
| $25,000 to $34,999 | 1.269 | 1.831 | - | - | 0.808 | 1.205 | 0.744 | 1.038 | 0.702 | 0.992 | 0.605 | 0.87 | 0.579 | 0.869 |
| $35,000 to $49,999 | 1.253 | 1.904 | 0.83 | 1.238 | - | - | 0.734 | 1.08 | 0.699 | 1.023 | 0.605 | 0.894 | 0.577 | 0.895 |
| $50,000 to $74,999 | 1.447 | 2.079 | 0.964 | 1.344 | 0.926 | 1.361 | - | - | 0.812 | 1.11 | 0.697 | 0.979 | 0.671 | 0.971 |
| $75,000 to $99,999 | 1.536 | 2.174 | 1.009 | 1.425 | 0.978 | 1.431 | 0.901 | 1.232 | - | - | 0.747 | 1.013 | 0.716 | 1.01 |
| $100,000 to $149,999 | 1.769 | 2.495 | 1.149 | 1.653 | 1.118 | 1.653 | 1.022 | 1.435 | 0.987 | 1.338 | - | - | 0.821 | 1.162 |
| $150,000 or more | 1.764 | 2.619 | 1.151 | 1.728 | 1.118 | 1.732 | 1.03 | 1.491 | 0.99 | 1.397 | 0.86 | 1.218 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 2.31 | 3.311 |
| 4 years or more of college | 0.302 | 0.433 | - | - |

##### Away-from-Home Wildlife-Watching Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.243 | 0.485 | 0.181 | 0.366 | 0.322 | 0.667 |
| 25 to 44 years old | 2.06 | 4.113 | - | - | 0.646 | 0.867 | 1.137 | 1.603 |
| 45 to 64 years old | 2.736 | 5.528 | 1.153 | 1.548 | - | - | 1.519 | 2.141 |
| 65 years old and older | 1.499 | 3.101 | 0.624 | 0.88 | 0.467 | 0.658 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 1.743 | 3.62 |
| Hispanic | 0.276 | 0.574 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 1.178 | 1.504 |
| Female | 0.665 | 0.849 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 2.426 | 6.416 | 3.15 | 9.525 | 2.506 | 5.145 |
| African American | 0.156 | 0.412 | - | - | 0.65 | 2.966 | 0.498 | 1.664 |
| Asian American | 0.105 | 0.317 | 0.337 | 1.539 | - | - | 0.336 | 1.28 |
| Other races | 0.194 | 0.399 | 0.601 | 2.009 | 0.781 | 2.978 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.412 | 0.705 | 0.37 | 0.672 | 0.287 | 0.497 | 0.282 | 0.472 | 0.28 | 0.47 | 0.264 | 0.483 |
| $25,000 to $34,999 | 1.418 | 2.426 | - | - | 0.701 | 1.22 | 0.544 | 0.901 | 0.522 | 0.877 | 0.525 | 0.861 | 0.502 | 0.875 |
| $35,000 to $49,999 | 1.487 | 2.705 | 0.82 | 1.427 | - | - | 0.586 | 0.978 | 0.567 | 0.944 | 0.575 | 0.92 | 0.55 | 0.933 |
| $50,000 to $74,999 | 2.013 | 3.484 | 1.109 | 1.839 | 1.022 | 1.707 | - | - | 0.753 | 1.24 | 0.754 | 1.224 | 0.721 | 1.243 |
| $75,000 to $99,999 | 2.119 | 3.545 | 1.14 | 1.915 | 1.059 | 1.763 | 0.806 | 1.328 | - | - | 0.795 | 1.242 | 0.775 | 1.237 |
| $100,000 to $149,999 | 2.128 | 3.575 | 1.161 | 1.905 | 1.087 | 1.74 | 0.817 | 1.327 | 0.805 | 1.258 | - | - | 0.76 | 1.278 |
| $150,000 or more | 2.07 | 3.785 | 1.143 | 1.993 | 1.072 | 1.818 | 0.805 | 1.388 | 0.809 | 1.29 | 0.782 | 1.317 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 3.612 | 6.805 |
| 4 years or more of college | 0.147 | 0.277 | - | - |

##### Around-the-Home Wildlife-Watching Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.302 | 0.513 | 0.172 | 0.287 | 0.164 | 0.282 |
| 25 to 44 years old | 1.95 | 3.308 | - | - | 0.497 | 0.64 | 0.474 | 0.63 |
| 45 to 64 years old | 3.487 | 5.814 | 1.563 | 2.011 | - | - | 0.873 | 1.075 |
| 65 years old and older | 3.548 | 6.09 | 1.588 | 2.11 | 0.93 | 1.146 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.635 | 4.271 |
| Hispanic | 0.234 | 0.38 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 1.015 | 1.158 |
| Female | 0.863 | 0.986 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 2.962 | 4.73 | 3.773 | 7.876 | 2.88 | 4.433 |
| African American | 0.211 | 0.338 | - | - | 0.935 | 2.27 | 0.687 | 1.325 |
| Asian American | 0.127 | 0.265 | 0.441 | 1.07 | - | - | 0.434 | 0.989 |
| Other races | 0.226 | 0.347 | 0.754 | 1.455 | 1.011 | 2.303 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.54 | 0.798 | 0.522 | 0.81 | 0.497 | 0.731 | 0.472 | 0.682 | 0.409 | 0.583 | 0.377 | 0.567 |
| $25,000 to $34,999 | 1.253 | 1.852 | - | - | 0.804 | 1.22 | 0.77 | 1.095 | 0.725 | 1.031 | 0.617 | 0.897 | 0.571 | 0.87 |
| $35,000 to $49,999 | 1.235 | 1.914 | 0.819 | 1.243 | - | - | 0.756 | 1.136 | 0.716 | 1.064 | 0.61 | 0.924 | 0.566 | 0.894 |
| $50,000 to $74,999 | 1.369 | 2.012 | 0.913 | 1.299 | 0.88 | 1.323 | - | - | 0.802 | 1.106 | 0.678 | 0.969 | 0.63 | 0.935 |
| $75,000 to $99,999 | 1.466 | 2.119 | 0.97 | 1.38 | 0.94 | 1.397 | 0.904 | 1.247 | - | - | 0.737 | 1.004 | 0.68 | 0.978 |
| $100,000 to $149,999 | 1.714 | 2.446 | 1.115 | 1.62 | 1.083 | 1.638 | 1.032 | 1.475 | 0.996 | 1.356 | - | - | 0.793 | 1.133 |
| $150,000 or more | 1.762 | 2.65 | 1.149 | 1.751 | 1.118 | 1.766 | 1.069 | 1.586 | 1.023 | 1.47 | 0.883 | 1.262 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 2.211 | 3.206 |
| 4 years or more of college | 0.312 | 0.452 | - | - |

#### Unweighted

##### Sportsperson Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.53 | 0.648 | 0.552 | 0.672 | 0.967 | 1.206 |
| 25 to 44 years old | 1.542 | 1.887 | - | - | 0.982 | 1.1 | 1.71 | 1.986 |
| 45 to 64 years old | 1.487 | 1.813 | 0.909 | 1.019 | - | - | 1.65 | 1.906 |
| 65 years old and older | 0.829 | 1.034 | 0.504 | 0.585 | 0.525 | 0.606 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.303 | 2.917 |
| Hispanic | 0.343 | 0.434 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 3.362 | 3.762 |
| Female | 0.266 | 0.297 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 2.295 | 3.004 | 2.718 | 3.924 | 2.171 | 2.716 |
| African American | 0.333 | 0.436 | - | - | 0.994 | 1.557 | 0.779 | 1.098 |
| Asian American | 0.255 | 0.368 | 0.642 | 1.006 | - | - | 0.602 | 0.919 |
| Other races | 0.368 | 0.461 | 0.911 | 1.283 | 1.088 | 1.662 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.356 | 0.447 | 0.39 | 0.48 | 0.419 | 0.505 | 0.348 | 0.423 | 0.341 | 0.417 | 0.36 | 0.454 |
| $25,000 to $34,999 | 2.236 | 2.809 | - | - | 0.97 | 1.212 | 1.04 | 1.278 | 0.863 | 1.069 | 0.848 | 1.055 | 0.896 | 1.147 |
| $35,000 to $49,999 | 2.085 | 2.561 | 0.825 | 1.031 | - | - | 0.971 | 1.164 | 0.806 | 0.974 | 0.791 | 0.961 | 0.835 | 1.047 |
| $50,000 to $74,999 | 1.979 | 2.389 | 0.782 | 0.962 | 0.859 | 1.03 | - | - | 0.765 | 0.908 | 0.751 | 0.896 | 0.791 | 0.977 |
| $75,000 to $99,999 | 2.365 | 2.877 | 0.935 | 1.158 | 1.027 | 1.241 | 1.102 | 1.307 | - | - | 0.898 | 1.08 | 0.946 | 1.177 |
| $100,000 to $149,999 | 2.396 | 2.93 | 0.948 | 1.179 | 1.04 | 1.264 | 1.116 | 1.331 | 0.926 | 1.114 | - | - | 0.959 | 1.198 |
| $150,000 or more | 2.201 | 2.776 | 0.872 | 1.116 | 0.955 | 1.198 | 1.023 | 1.264 | 0.85 | 1.057 | 0.835 | 1.043 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 1.411 | 1.726 |
| 4 years or more of college | 0.579 | 0.709 | - | - |

##### Fishing Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.54 | 0.667 | 0.581 | 0.714 | 1.022 | 1.29 |
| 25 to 44 years old | 1.5 | 1.851 | - | - | 1.01 | 1.139 | 1.767 | 2.072 |
| 45 to 64 years old | 1.401 | 1.723 | 0.878 | 0.99 | - | - | 1.651 | 1.927 |
| 65 years old and older | 0.775 | 0.978 | 0.483 | 0.566 | 0.519 | 0.606 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.175 | 2.782 |
| Hispanic | 0.359 | 0.46 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 2.96 | 3.325 |
| Female | 0.301 | 0.338 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 2.061 | 2.712 | 2.385 | 3.456 | 2.029 | 2.562 |
| African American | 0.369 | 0.485 | - | - | 0.968 | 1.525 | 0.809 | 1.15 |
| Asian American | 0.289 | 0.419 | 0.656 | 1.033 | - | - | 0.64 | 0.985 |
| Other races | 0.39 | 0.493 | 0.87 | 1.236 | 1.015 | 1.562 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.362 | 0.461 | 0.382 | 0.474 | 0.417 | 0.509 | 0.346 | 0.426 | 0.345 | 0.427 | 0.343 | 0.438 |
| $25,000 to $34,999 | 2.167 | 2.763 | - | - | 0.925 | 1.171 | 1.009 | 1.257 | 0.839 | 1.053 | 0.836 | 1.054 | 0.833 | 1.08 |
| $35,000 to $49,999 | 2.109 | 2.621 | 0.854 | 1.081 | - | - | 0.984 | 1.191 | 0.818 | 0.998 | 0.814 | 0.999 | 0.81 | 1.026 |
| $50,000 to $74,999 | 1.965 | 2.401 | 0.795 | 0.991 | 0.84 | 1.017 | - | - | 0.763 | 0.913 | 0.759 | 0.915 | 0.754 | 0.94 |
| $75,000 to $99,999 | 2.346 | 2.887 | 0.949 | 1.191 | 1.002 | 1.223 | 1.095 | 1.311 | - | - | 0.905 | 1.101 | 0.9 | 1.131 |
| $100,000 to $149,999 | 2.343 | 2.901 | 0.948 | 1.197 | 1.001 | 1.229 | 1.093 | 1.318 | 0.908 | 1.105 | - | - | 0.899 | 1.136 |
| $150,000 or more | 2.284 | 2.913 | 0.926 | 1.2 | 0.975 | 1.235 | 1.064 | 1.326 | 0.885 | 1.111 | 0.881 | 1.112 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 1.445 | 1.789 |
| 4 years or more of college | 0.559 | 0.692 | - | - |

##### Hunting Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.542 | 0.744 | 0.526 | 0.718 | 0.986 | 1.401 |
| 25 to 44 years old | 1.345 | 1.846 | - | - | 0.886 | 1.058 | 1.641 | 2.091 |
| 45 to 64 years old | 1.394 | 1.9 | 0.945 | 1.128 | - | - | 1.702 | 2.149 |
| 65 years old and older | 0.714 | 1.014 | 0.478 | 0.61 | 0.465 | 0.587 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 3.905 | 6.584 |
| Hispanic | 0.152 | 0.256 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 9.218 | 11.93 |
| Female | 0.084 | 0.108 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 4.347 | 8.201 | 5.027 | 12.41 | 2.581 | 3.86 |
| African American | 0.122 | 0.23 | - | - | 0.764 | 2.291 | 0.365 | 0.767 |
| Asian American | 0.081 | 0.199 | 0.436 | 1.309 | - | - | 0.244 | 0.653 |
| Other races | 0.259 | 0.387 | 1.305 | 2.743 | 1.531 | 4.091 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.292 | 0.422 | 0.309 | 0.432 | 0.336 | 0.459 | 0.291 | 0.401 | 0.279 | 0.387 | 0.358 | 0.532 |
| $25,000 to $34,999 | 2.367 | 3.426 | - | - | 0.876 | 1.234 | 0.954 | 1.313 | 0.824 | 1.147 | 0.791 | 1.108 | 1.017 | 1.521 |
| $35,000 to $49,999 | 2.317 | 3.238 | 0.811 | 1.141 | - | - | 0.937 | 1.237 | 0.809 | 1.082 | 0.776 | 1.045 | 0.994 | 1.44 |
| $50,000 to $74,999 | 2.178 | 2.973 | 0.762 | 1.048 | 0.808 | 1.068 | - | - | 0.761 | 0.991 | 0.73 | 0.958 | 0.933 | 1.324 |
| $75,000 to $99,999 | 2.492 | 3.442 | 0.872 | 1.213 | 0.924 | 1.237 | 1.009 | 1.313 | - | - | 0.835 | 1.11 | 1.068 | 1.531 |
| $100,000 to $149,999 | 2.581 | 3.587 | 0.903 | 1.265 | 0.957 | 1.289 | 1.044 | 1.37 | 0.901 | 1.198 | - | - | 1.106 | 1.595 |
| $150,000 or more | 1.878 | 2.792 | 0.657 | 0.984 | 0.695 | 1.006 | 0.755 | 1.072 | 0.653 | 0.936 | 0.627 | 0.904 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 1.123 | 1.557 |
| 4 years or more of college | 0.642 | 0.891 | - | - |

##### Wildlife-Watching Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.341 | 0.437 | 0.191 | 0.243 | 0.207 | 0.265 |
| 25 to 44 years old | 2.287 | 2.936 | - | - | 0.529 | 0.589 | 0.57 | 0.644 |
| 45 to 64 years old | 4.113 | 5.238 | 1.697 | 1.891 | - | - | 1.03 | 1.143 |
| 65 years old and older | 3.779 | 4.841 | 1.553 | 1.754 | 0.875 | 0.97 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.515 | 3.089 |
| Hispanic | 0.324 | 0.398 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 1.088 | 1.184 |
| Female | 0.844 | 0.919 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 3.333 | 4.338 | 3.9 | 5.58 | 2.87 | 3.541 |
| African American | 0.23 | 0.3 | - | - | 0.984 | 1.529 | 0.71 | 0.989 |
| Asian American | 0.179 | 0.256 | 0.654 | 1.016 | - | - | 0.557 | 0.839 |
| Other races | 0.282 | 0.348 | 1.011 | 1.408 | 1.192 | 1.797 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.407 | 0.493 | 0.487 | 0.581 | 0.509 | 0.597 | 0.436 | 0.515 | 0.38 | 0.45 | 0.342 | 0.413 |
| $25,000 to $34,999 | 2.027 | 2.46 | - | - | 1.076 | 1.311 | 1.124 | 1.349 | 0.962 | 1.163 | 0.84 | 1.017 | 0.755 | 0.932 |
| $35,000 to $49,999 | 1.722 | 2.053 | 0.763 | 0.929 | - | - | 0.956 | 1.125 | 0.817 | 0.97 | 0.713 | 0.848 | 0.641 | 0.778 |
| $50,000 to $74,999 | 1.675 | 1.963 | 0.741 | 0.89 | 0.889 | 1.047 | - | - | 0.795 | 0.928 | 0.694 | 0.811 | 0.623 | 0.745 |
| $75,000 to $99,999 | 1.941 | 2.295 | 0.86 | 1.039 | 1.031 | 1.223 | 1.078 | 1.257 | - | - | 0.805 | 0.948 | 0.723 | 0.87 |
| $100,000 to $149,999 | 2.221 | 2.63 | 0.984 | 1.191 | 1.179 | 1.402 | 1.233 | 1.441 | 1.055 | 1.243 | - | - | 0.827 | 0.997 |
| $150,000 or more | 2.421 | 2.926 | 1.073 | 1.324 | 1.285 | 1.559 | 1.343 | 1.604 | 1.149 | 1.383 | 1.003 | 1.209 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 2.511 | 3.032 |
| 4 years or more of college | 0.33 | 0.398 | - | - |

##### Away-from-Home Wildlife-Watching Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.33 | 0.47 | 0.24 | 0.338 | 0.437 | 0.631 |
| 25 to 44 years old | 2.128 | 3.029 | - | - | 0.669 | 0.781 | 1.205 | 1.474 |
| 45 to 64 years old | 2.958 | 4.171 | 1.28 | 1.495 | - | - | 1.682 | 2.022 |
| 65 years old and older | 1.586 | 2.288 | 0.679 | 0.83 | 0.495 | 0.595 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.112 | 2.903 |
| Hispanic | 0.344 | 0.474 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 1.208 | 1.379 |
| Female | 0.725 | 0.828 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 3.442 | 5.474 | 2.966 | 5.125 | 2.26 | 3.103 |
| African American | 0.183 | 0.291 | - | - | 0.63 | 1.281 | 0.463 | 0.805 |
| Asian American | 0.195 | 0.337 | 0.78 | 1.588 | - | - | 0.497 | 0.928 |
| Other races | 0.322 | 0.442 | 1.243 | 2.161 | 1.077 | 2.012 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.326 | 0.449 | 0.379 | 0.508 | 0.36 | 0.469 | 0.298 | 0.392 | 0.263 | 0.346 | 0.246 | 0.333 |
| $25,000 to $34,999 | 2.229 | 3.067 | - | - | 0.984 | 1.339 | 0.933 | 1.235 | 0.773 | 1.032 | 0.683 | 0.912 | 0.639 | 0.878 |
| $35,000 to $49,999 | 1.968 | 2.637 | 0.747 | 1.016 | - | - | 0.825 | 1.06 | 0.684 | 0.886 | 0.603 | 0.783 | 0.564 | 0.755 |
| $50,000 to $74,999 | 2.134 | 2.779 | 0.809 | 1.071 | 0.943 | 1.212 | - | - | 0.743 | 0.931 | 0.656 | 0.824 | 0.612 | 0.795 |
| $75,000 to $99,999 | 2.554 | 3.355 | 0.969 | 1.293 | 1.129 | 1.463 | 1.074 | 1.346 | - | - | 0.784 | 0.995 | 0.733 | 0.96 |
| $100,000 to $149,999 | 2.889 | 3.8 | 1.096 | 1.465 | 1.277 | 1.657 | 1.214 | 1.525 | 1.005 | 1.275 | - | - | 0.829 | 1.088 |
| $150,000 or more | 3 | 4.06 | 1.139 | 1.564 | 1.325 | 1.772 | 1.257 | 1.633 | 1.041 | 1.365 | 0.919 | 1.207 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 3.713 | 5.272 |
| 4 years or more of college | 0.19 | 0.269 | - | - |

##### Around-the-Home Wildlife-Watching Participation

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 18 to 24 years old | | 25 to 44 years old | | 45 to 64 years old | | 65 years old and older | |
| Age | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| 18 to 24 years old | - | - | 0.322 | 0.424 | 0.166 | 0.216 | 0.171 | 0.224 |
| 25 to 44 years old | 2.361 | 3.106 | - | - | 0.483 | 0.542 | 0.498 | 0.565 |
| 45 to 64 years old | 4.633 | 6.039 | 1.844 | 2.069 | - | - | 0.983 | 1.092 |
| 65 years old and older | 4.462 | 5.846 | 1.77 | 2.009 | 0.916 | 1.018 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Non-Hispanic | | Hispanic | |
| Ethnicity | 95% Confidence Interval | | 95% Confidence Interval | |
| Non-Hispanic | - | - | 2.62 | 3.258 |
| Hispanic | 0.307 | 0.382 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Male | | Female | |
| Sex | 95% Confidence Interval | | 95% Confidence Interval | |
| Male | - | - | 1.04 | 1.135 |
| Female | 0.881 | 0.962 | - | - |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | White | | African American | | Asian American | | Other races | |
| Race | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| White | - | - | 3.34 | 4.395 | 4.111 | 6.036 | 2.954 | 3.686 |
| African American | 0.228 | 0.299 | - | - | 1.029 | 1.643 | 0.724 | 1.024 |
| Asian American | 0.166 | 0.243 | 0.609 | 0.972 | - | - | 0.532 | 0.825 |
| Other races | 0.271 | 0.339 | 0.976 | 1.381 | 1.213 | 1.88 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Less than $25,000 | | $25,000 to $34,999 | | $35,000 to $49,999 | | $50,000 to $74,999 | | $75,000 to $99,999 | | $100,000 to $149,999 | | $150,000 or more | |
| Household Income | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | | 95% Confidence Interval | |
| Less than $25,000 | - | - | 0.404 | 0.493 | 0.493 | 0.592 | 0.52 | 0.614 | 0.445 | 0.529 | 0.388 | 0.462 | 0.343 | 0.417 |
| $25,000 to $34,999 | 2.029 | 2.477 | - | - | 1.095 | 1.341 | 1.153 | 1.392 | 0.986 | 1.199 | 0.861 | 1.048 | 0.762 | 0.945 |
| $35,000 to $49,999 | 1.689 | 2.027 | 0.745 | 0.913 | - | - | 0.961 | 1.138 | 0.821 | 0.981 | 0.717 | 0.857 | 0.634 | 0.773 |
| $50,000 to $74,999 | 1.63 | 1.922 | 0.719 | 0.867 | 0.879 | 1.041 | - | - | 0.792 | 0.93 | 0.692 | 0.813 | 0.611 | 0.734 |
| $75,000 to $99,999 | 1.891 | 2.249 | 0.834 | 1.014 | 1.02 | 1.218 | 1.076 | 1.262 | - | - | 0.802 | 0.951 | 0.709 | 0.858 |
| $100,000 to $149,999 | 2.163 | 2.576 | 0.954 | 1.162 | 1.167 | 1.395 | 1.23 | 1.446 | 1.051 | 1.246 | - | - | 0.811 | 0.983 |
| $150,000 or more | 2.397 | 2.915 | 1.059 | 1.313 | 1.293 | 1.579 | 1.363 | 1.637 | 1.165 | 1.411 | 1.017 | 1.233 | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 11 years or less | | 4 years or more of college | |
| Education | 95% Confidence Interval | | 95% Confidence Interval | |
| 11 years or less | - | - | 2.463 | 2.993 |
| 4 years or more of college | 0.334 | 0.406 | - | - |

## Dummy Variable Regressions: Days and Expenditures

The results of the dummy variable regressions exploring if there is a link between the number of days and amount of expenditures that a person had and their demographics are below. First, the measurements of fit are provided. The traditional R2 value is used. Because of limitations in the data collected, only away-from-home wildlife-watching days are used as the dependent variable, while wildlife-watching days and around-the-home wildlife-watching days are not. Similarly, only total wildlife-watching expenditures are used as the dependent variable, and away-from-home wildlife-watching expenditures and around-the-home wildlife-watching expenditures are not. Next, the estimates for average days and expenditures are presented. Finally, the significance levels of the estimates are given.

### Measurement of Fit

Just as the measurements of fit for the logistic regressions were organized, the measurements of fit for the dummy variable regressions are presented in weighted followed by unweighted. Within the weighted section, the days by activity are given followed by the expenditures by activity for each demographic.

#### Weighted

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **R2 Value** | Total Sportsperson Days | Total Fishing Days | Total Hunting Days | Total Away-From-Home Wildlife-Watching Days |
| Age | 0.001665 | 0.001362 | 0.004224 | 0.014020 |
| Ethnicity | 0.002671 | 0.000194 | 0.000903 | 0.002247 |
| Sex | 0.033040 | 0.010440 | 0.010030 | 0.000155 |
| Race | 0.001962 | 0.001181 | 0.002085 | 0.000124 |
| Household Income | 0.003216 | 0.005242 | 0.005677 | 0.007169 |
| Education | 0.008805 | 0.006658 | 0.012100 | 0.004201 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **R2 Value** | Total Sportsperson Expenditures | Total Fishing Expenditures | Total Hunting Expenditures | Total Wildlife-Watching Expenditures |
| Age | 0.006624 | 0.007565 | 0.009721 | 0.001511 |
| Ethnicity | 0.001649 | 0.000150 | 0.000590 | 0.000778 |
| Sex | 0.014630 | 0.005838 | 0.002133 | 0.000118 |
| Race | 0.002746 | 0.003685 | 0.000311 | 0.001152 |
| Household Income | 0.021010 | 0.030340 | 0.063630 | 0.012780 |
| Education | 0.000724 | 0.003201 | 0.005430 | 0.003251 |

#### Unweighted

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **R2 Value** | Total Sportsperson Days | Total Fishing Days | Total Hunting Days | Total Away-From-Home Wildlife-Watching Days |
| Age | 0.003294 | 0.001594 | 0.002272 | 0.008017 |
| Ethnicity | 0.000336 | 0.000215 | 0.000968 | 0.000977 |
| Sex | 0.031220 | 0.009354 | 0.005434 | 0.000058 |
| Race | 0.000511 | 0.000689 | 0.001782 | 0.000417 |
| Household Income | 0.003960 | 0.007760 | 0.000743 | 0.003880 |
| Education | 0.007423 | 0.011910 | 0.001174 | 0.001380 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **R2 Value** | Total Sportsperson Expenditures | Total Fishing Expenditures | Total Hunting Expenditures | Total Wildlife-Watching Expenditures |
| Age | 0.004602 | 0.007123 | 0.005814 | 0.002039 |
| Ethnicity | 0.000449 | 0.000017 | 0.000322 | 0.000586 |
| Sex | 0.015220 | 0.007073 | 0.002314 | 0.000734 |
| Race | 0.000850 | 0.001264 | 0.000735 | 0.000658 |
| Household Income | 0.014990 | 0.019630 | 0.044360 | 0.010620 |
| Education | 0.001825 | 0.004494 | 0.009360 | 0.003496 |

### Estimates

The following is an example on how to read the tables below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Age** | **18 to 24 years old** | **25 to 44 years old** | **45 to 64 years old** | **65 years old and older** |
| **18 to 24 years old** | 26.0093194 | 4.3768892 | 3.0828374 | 5.493948 |
| **25 to 44 years old** | -4.3768892 | 21.6324302 | -1.2940518 | 1.1170588 |
| **45 to 64 years old** | -3.0828374 | 1.2940518 | 22.9264819 | 2.4111105 |
| **65 years old and older** | -5.493948 | -1.1170588 | -2.4111105 | 20.5153714 |

The age group of 18 to 24 years old had an average of 26 sportsperson days. The number in the same column and row show the difference in the average sportsperson days for the corresponding age group on the left side. The significance level of each difference is in the next section.

Interestingly, sportsperson days are made up of the sum of fishing days and hunting days. Some may expect that the estimates for sportsperson days should just add up. This is not the case, though. The estimates for each activity are made using only participants. The following example shows how the hunting days estimate for one group can be higher than that group’s sportsperson days estimate.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Days** | **Person 1** | **Person 2** | **Person 3** | **Person 4** | **Person 5** | **Sum** | **Mean|Participant** |
| **Fishing** | 5 | 1 | 2 |  | 9 | 17 | 4.25 |
| **Hunting** | 18 | 9 |  | 15 |  | 42 | 14 |
| **Sportsperson** | 23 | 10 | 2 | 15 | 9 | 59 | 11.8 |

As you can see below, because the denominator for the mean sportsperson days is higher than the denominator for the mean hunting days, the mean sportsperson days is lower than the mean hunting days. This can and does happen in both the days and expenditures estimates below, but the estimates are correct.

#### Weighted

##### Sportsperson Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 26.0093194 | 4.3768892 | 3.0828374 | 5.493948 |
| 25 to 44 years old | -4.3768892 | 21.6324302 | -1.2940518 | 1.1170588 |
| 45 to 64 years old | -3.0828374 | 1.2940518 | 22.9264819 | 2.4111105 |
| 65 years old and older | -5.493948 | -1.1170588 | -2.4111105 | 20.5153714 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 22.6823951 | 6.5294463 |
| Hispanic | -6.5294463 | 16.1529488 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 25.344738 | 11.902824 |
| Female | -11.902824 | 13.441914 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 22.946346 | 4.1414159 | 11.6704787 | 1.9012524 |
| African American | -4.141416 | 18.8049298 | 7.5290628 | -2.2401635 |
| Asian American | -11.670479 | -7.5290628 | 11.275867 | -9.7692263 |
| Other races | -1.901252 | 2.2401635 | 9.7692263 | 21.0450933 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 18.9269635 | -5.1481985 | -5.0365793 | -6.1514857 | -5.5265521 | -1.2291667 | 1.6040234 |
| $25,000 to $34,999 | 5.1481985 | 24.075162 | 0.1116192 | -1.0032872 | -0.3783536 | 3.9190317 | 6.7522219 |
| $35,000 to $49,999 | 5.0365793 | -0.1116192 | 23.9635428 | -1.1149064 | -0.4899729 | 3.8074125 | 6.6406027 |
| $50,000 to $74,999 | 6.1514857 | 1.0032872 | 1.1149064 | 25.0784492 | 0.6249335 | 4.9223189 | 7.7555091 |
| $75,000 to $99,999 | 5.5265521 | 0.3783536 | 0.4899729 | -0.6249335 | 24.4535156 | 4.2973854 | 7.1305755 |
| $100,000 to $149,999 | 1.2291667 | -3.9190317 | -3.8074125 | -4.9223189 | -4.2973854 | 20.1561302 | 2.8331902 |
| $150,000 or more | -1.6040234 | -6.7522219 | -6.6406027 | -7.7555091 | -7.1305755 | -2.8331902 | 17.3229401 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 16.9565317 | -6.1269982 |
| 4 years or more of college | 6.1269982 | 23.0835299 |

##### Sportsperson Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 1062.65419 | -1019.3806 | -2031.477 | -962.6033 |
| 25 to 44 years old | 1019.38063 | 2082.0348 | -1012.0963 | 56.77733 |
| 45 to 64 years old | 2031.47696 | 1012.0963 | 3094.1311 | 1068.87366 |
| 65 years old and older | 962.6033 | -56.7773 | -1068.8737 | 2025.25749 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 2470.5516 | 1114.5123 |
| Hispanic | -1114.5123 | 1356.0393 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 2786.2086 | 1474.5103 |
| Female | -1474.5103 | 1311.6983 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 2577.7237 | 1429.13546 | 1467.51357 | 955.69317 |
| African American | -1429.1355 | 1148.58823 | 38.3781 | -473.44229 |
| Asian American | -1467.5136 | -38.3781 | 1110.21013 | -511.8204 |
| Other races | -955.6932 | 473.44229 | 511.8204 | 1622.03053 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 857.4938 | -930.48608 | -675.38092 | -1333.3188 | -2699.7015 | -2207.409 | -4328.1417 |
| $25,000 to $34,999 | 930.48608 | 1787.97988 | 255.10516 | -402.8328 | -1769.2154 | -1276.923 | -3397.6556 |
| $35,000 to $49,999 | 675.38092 | -255.10516 | 1532.87472 | -657.9379 | -2024.3206 | -1532.0281 | -3652.7607 |
| $50,000 to $74,999 | 1333.31884 | 402.83276 | 657.93792 | 2190.8126 | -1366.3826 | -874.0902 | -2994.8228 |
| $75,000 to $99,999 | 2699.70147 | 1769.21539 | 2024.32055 | 1366.3826 | 3557.1953 | 492.2924 | -1628.4402 |
| $100,000 to $149,999 | 2207.40903 | 1276.92295 | 1532.02811 | 874.0902 | -492.2924 | 3064.9028 | -2120.7326 |
| $150,000 or more | 4328.14166 | 3397.65558 | 3652.76074 | 2994.8228 | 1628.4402 | 2120.7326 | 5185.6355 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 2585.89232 | 974.18356 |
| 4 years or more of college | -974.18356 | 1611.70876 |

##### Fishing Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 19.0466833 | 3.4894822 | 1.7676944 | 2.2579571 |
| 25 to 44 years old | -3.4894822 | 15.5572011 | -1.7217878 | -1.231525 |
| 45 to 64 years old | -1.7676944 | 1.7217878 | 17.2789889 | 0.4902627 |
| 65 years old and older | -2.2579571 | 1.231525 | -0.4902627 | 16.7887262 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 16.8047072 | 1.8286146 |
| Hispanic | -1.8286146 | 14.9760926 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 18.4703331 | 6.5049475 |
| Female | -6.5049475 | 11.9653856 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 16.9488312 | 0.5362824 | 6.4865119 | 1.2264707 |
| African American | -0.5362824 | 16.4125487 | 5.9502295 | 0.6901882 |
| Asian American | -6.4865119 | -5.9502295 | 10.4623192 | -5.2600412 |
| Other races | -1.2264707 | -0.6901882 | 5.2600412 | 15.7223605 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 15.5045835 | -3.7421673 | -3.0117352 | -3.783658 | -1.110021 | 1.1679654 | 1.9615243 |
| $25,000 to $34,999 | 3.7421673 | 19.2467509 | 0.7304321 | -0.0414907 | 2.6321463 | 4.9101327 | 5.7036916 |
| $35,000 to $49,999 | 3.0117352 | -0.7304321 | 18.5163188 | -0.7719227 | 1.9017142 | 4.1797006 | 4.9732596 |
| $50,000 to $74,999 | 3.783658 | 0.0414907 | 0.7719227 | 19.2882415 | 2.673637 | 4.9516234 | 5.7451823 |
| $75,000 to $99,999 | 1.110021 | -2.6321463 | -1.9017142 | -2.673637 | 16.6146046 | 2.2779864 | 3.0715454 |
| $100,000 to $149,999 | -1.1679654 | -4.9101327 | -4.1797006 | -4.9516234 | -2.2779864 | 14.3366181 | 0.7935589 |
| $150,000 or more | -1.9615243 | -5.7036916 | -4.9732596 | -5.7451823 | -3.0715454 | -0.7935589 | 13.5430592 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 12.4864574 | -4.9557343 |
| 4 years or more of college | 4.9557343 | 17.4421917 |

##### Fishing Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 491.61697 | -694.03644 | -1046.8704 | -815.98673 |
| 25 to 44 years old | 694.03644 | 1185.65341 | -352.834 | -121.95029 |
| 45 to 64 years old | 1046.87043 | 352.83399 | 1538.4874 | 230.88369 |
| 65 years old and older | 815.98673 | 121.95029 | -230.8837 | 1307.6037 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 1298.7756 | 187.86179 |
| Hispanic | -187.86179 | 1110.91381 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 1443.02969 | 568.68485 |
| Female | -568.68485 | 874.34484 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 1362.85048 | 731.715942 | 504.48062 | 255.59133 |
| African American | -731.71594 | 631.134541 | -227.23533 | -476.12462 |
| Asian American | -504.48062 | 227.235327 | 858.36987 | -248.88929 |
| Other races | -255.59133 | 476.124616 | 248.88929 | 1107.25916 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 532.37083 | -451.795 | -399.30232 | -767.65768 | -1094.4102 | -1082.6528 | -2078.2868 |
| $25,000 to $34,999 | 451.795 | 984.16583 | 52.49268 | -315.86269 | -642.6152 | -630.8579 | -1626.4918 |
| $35,000 to $49,999 | 399.30232 | -52.49268 | 931.67315 | -368.35537 | -695.1079 | -683.3505 | -1678.9845 |
| $50,000 to $74,999 | 767.65768 | 315.86269 | 368.35537 | 1300.02852 | -326.7525 | -314.9952 | -1310.6291 |
| $75,000 to $99,999 | 1094.41023 | 642.61524 | 695.10791 | 326.75255 | 1626.7811 | 11.7574 | -983.8765 |
| $100,000 to $149,999 | 1082.65285 | 630.85785 | 683.35053 | 314.99516 | -11.7574 | 1615.0237 | -995.6339 |
| $150,000 or more | 2078.28678 | 1626.49178 | 1678.98446 | 1310.6291 | 983.8765 | 995.6339 | 2610.6576 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 1418.92962 | 496.55336 |
| 4 years or more of college | -496.55336 | 922.37626 |

##### Hunting Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 18.8241643 | -4.1552467 | -1.1592334 | 0.4261403 |
| 25 to 44 years old | 4.1552467 | 22.979411 | 2.9960133 | 4.581387 |
| 45 to 64 years old | 1.1592334 | -2.9960133 | 19.9833977 | 1.5853737 |
| 65 years old and older | -0.4261403 | -4.581387 | -1.5853737 | 18.398024 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 20.818151 | 5.8304206 |
| Hispanic | -5.8304206 | 14.9877304 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 21.6033915 | 8.670388 |
| Female | -8.670388 | 12.9330035 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 20.7347394 | 5.2149664 | -4.791898 | -4.4667644 |
| African American | -5.2149664 | 15.519773 | -10.006865 | -9.6817308 |
| Asian American | 4.7918982 | 10.0068646 | 25.526638 | 0.3251338 |
| Other races | 4.4667644 | 9.6817308 | -0.325134 | 25.2015038 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 17.3295383 | -3.2104158 | -3.7729192 | -3.923166 | -5.1353426 | -2.1755126 | 0.9091611 |
| $25,000 to $34,999 | 3.2104158 | 20.5399541 | -0.5625034 | -0.7127502 | -1.9249268 | 1.0349032 | 4.1195769 |
| $35,000 to $49,999 | 3.7729192 | 0.5625034 | 21.1024574 | -0.1502468 | -1.3624235 | 1.5974065 | 4.6820803 |
| $50,000 to $74,999 | 3.923166 | 0.7127502 | 0.1502468 | 21.2527042 | -1.2121767 | 1.7476533 | 4.8323271 |
| $75,000 to $99,999 | 5.1353426 | 1.9249268 | 1.3624235 | 1.2121767 | 22.4648809 | 2.95983 | 6.0445037 |
| $100,000 to $149,999 | 2.1755126 | -1.0349032 | -1.5974065 | -1.7476533 | -2.95983 | 19.5050509 | 3.0846737 |
| $150,000 or more | -0.9091611 | -4.1195769 | -4.6820803 | -4.8323271 | -6.0445037 | -3.0846737 | 16.4203772 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 16.8811161 | -5.6728591 |
| 4 years or more of college | 5.6728591 | 22.5539752 |

##### Hunting Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 1190.35102 | -1019.6164 | -1822.6563 | -521.19829 |
| 25 to 44 years old | 1019.61642 | 2209.9674 | -803.0399 | 498.41813 |
| 45 to 64 years old | 1822.65629 | 803.0399 | 3013.0073 | 1301.458 |
| 65 years old and older | 521.19829 | -498.4181 | -1301.458 | 1711.54931 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 2438.4492 | 1114.3386 |
| Hispanic | -1114.3386 | 1324.1106 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 2515.10275 | 945.56237 |
| Female | -945.56237 | 1569.54038 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 2443.58538 | 283.43673 | 167.83516 | 600.58162 |
| African American | -283.43673 | 2160.14865 | -115.60157 | 317.14489 |
| Asian American | -167.83516 | 115.60157 | 2275.75022 | 432.74646 |
| Other races | -600.58162 | -317.14489 | -432.74646 | 1843.00375 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 880.90563 | -555.4159 | -715.44898 | -1246.7103 | -1850.041 | -1856.3863 | -6730.8416 |
| $25,000 to $34,999 | 555.4159 | 1436.32153 | -160.03308 | -691.2944 | -1294.6251 | -1300.9704 | -6175.4257 |
| $35,000 to $49,999 | 715.44898 | 160.03308 | 1596.35461 | -531.2613 | -1134.592 | -1140.9373 | -6015.3926 |
| $50,000 to $74,999 | 1246.71032 | 691.29441 | 531.26133 | 2127.6159 | -603.3306 | -609.676 | -5484.1313 |
| $75,000 to $99,999 | 1850.04096 | 1294.62505 | 1134.59197 | 603.3306 | 2730.9466 | -6.3454 | -4880.8006 |
| $100,000 to $149,999 | 1856.38633 | 1300.97042 | 1140.93734 | 609.676 | 6.3454 | 2737.292 | -4874.4553 |
| $150,000 or more | 6730.84159 | 6175.42568 | 6015.3926 | 5484.1313 | 4880.8006 | 4874.4553 | 7611.7472 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 2872.8217 | 1188.4364 |
| 4 years or more of college | -1188.4364 | 1684.3853 |

##### Away-from-Home Wildlife-Watching Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 12.891873 | 3.53183806 | -4.7689085 | -5.9438974 |
| 25 to 44 years old | -3.5318381 | 9.36003495 | -8.3007465 | -9.4757354 |
| 45 to 64 years old | 4.7689085 | 8.30074653 | 17.6607815 | -1.1749889 |
| 65 years old and older | 5.9438974 | 9.47573541 | 1.1749889 | 18.8357704 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 15.3109724 | 6.6611613 |
| Hispanic | -6.6611613 | 8.6498111 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 15.3063759 | 0.8546751 |
| Female | -0.8546751 | 14.4517008 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 14.9602945 | 2.0629448 | 1.736568 | -0.0769406 |
| African American | -2.0629448 | 12.8973496 | -0.3263768 | -2.1398854 |
| Asian American | -1.736568 | 0.3263768 | 13.2237264 | -1.8135086 |
| Other races | 0.0769406 | 2.1398854 | 1.8135086 | 15.037235 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 14.2043332 | -0.4177597 | 4.6897903 | -1.2329039 | -5.507886 | -0.1370676 | -2.7356966 |
| $25,000 to $34,999 | 0.4177597 | 14.6220929 | 5.10755 | -0.8151442 | -5.090126 | 0.280692 | -2.3179369 |
| $35,000 to $49,999 | -4.6897903 | -5.10755 | 9.5145429 | -5.9226942 | -10.197676 | -4.8268579 | -7.4254868 |
| $50,000 to $74,999 | 1.2329039 | 0.8151442 | 5.9226942 | 15.4372371 | -4.274982 | 1.0958363 | -1.5027926 |
| $75,000 to $99,999 | 5.5078855 | 5.0901258 | 10.1976758 | 4.2749816 | 19.712219 | 5.3708179 | 2.772189 |
| $100,000 to $149,999 | 0.1370676 | -0.280692 | 4.8268579 | -1.0958363 | -5.370818 | 14.3414009 | -2.5986289 |
| $150,000 or more | 2.7356966 | 2.3179369 | 7.4254868 | 1.5027926 | -2.772189 | 2.5986289 | 16.9400298 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 17.4345079 | 9.1599431 |
| 4 years or more of college | -9.1599431 | 8.2745648 |

##### Wildlife-Watching Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 441.498424 | -239.08528 | -444.60642 | -266.46278 |
| 25 to 44 years old | 239.085285 | 680.58371 | -205.52113 | -27.37749 |
| 45 to 64 years old | 444.606417 | 205.52113 | 886.10484 | 178.14364 |
| 65 years old and older | 266.462779 | 27.37749 | -178.14364 | 707.9612 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 786.11843 | 288.50228 |
| Hispanic | -288.50228 | 497.61615 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 840.02222 | 127.83235 |
| Female | -127.83235 | 712.18987 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 797.7061 | 417.740555 | 301.88773 | 188.08179 |
| African American | -417.74056 | 379.965548 | -115.85283 | -229.65876 |
| Asian American | -301.88773 | 115.852828 | 495.81838 | -113.80594 |
| Other races | -188.08179 | 229.658764 | 113.80594 | 609.62431 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 357.983 | 81.36012 | -122.92327 | -383.19766 | -870.03736 | -554.0176 | -1593.7018 |
| $25,000 to $34,999 | -81.36012 | 276.62288 | -204.28339 | -464.55777 | -951.39747 | -635.37771 | -1675.0619 |
| $35,000 to $49,999 | 122.92327 | 204.28339 | 480.90627 | -260.27439 | -747.11408 | -431.09432 | -1470.7785 |
| $50,000 to $74,999 | 383.19766 | 464.55777 | 260.27439 | 741.18066 | -486.8397 | -170.81994 | -1210.5041 |
| $75,000 to $99,999 | 870.03736 | 951.39747 | 747.11408 | 486.8397 | 1228.02035 | 316.01976 | -723.6644 |
| $100,000 to $149,999 | 554.0176 | 635.37771 | 431.09432 | 170.81994 | -316.01976 | 912.0006 | -1039.6842 |
| $150,000 or more | 1593.70177 | 1675.06189 | 1470.7785 | 1210.50411 | 723.66442 | 1039.68418 | 1951.6848 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 980.85449 | 650.40573 |
| 4 years or more of college | -650.40573 | 330.44876 |

#### Unweighted

##### Sportsperson Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 28.746888 | 5.2229346 | 4.5679698 | 6.4764043 |
| 25 to 44 years old | -5.2229346 | 23.5239534 | -0.6549648 | 1.2534697 |
| 45 to 64 years old | -4.5679698 | 0.6549648 | 24.1789182 | 1.9084345 |
| 65 years old and older | -6.4764043 | -1.2534697 | -1.9084345 | 22.2704837 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 24.1017796 | 2.5259175 |
| Hispanic | -2.5259175 | 21.5758621 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 26.839184 | 11.936241 |
| Female | -11.936241 | 14.902943 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 24.0031509 | 2.6608086 | 3.7926246 | -2.8816976 |
| African American | -2.6608086 | 21.3423423 | 1.131816 | -5.5425061 |
| Asian American | -3.7926246 | -1.131816 | 20.2105263 | -6.6743222 |
| Other races | 2.8816976 | 5.5425061 | 6.6743222 | 26.8848485 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 26.5458515 | 2.4141789 | 0.1514004 | 0.156471 | 2.5084235 | 5.235394 | 8.520755 |
| $25,000 to $34,999 | -2.4141789 | 24.1316726 | -2.2627785 | -2.2577079 | 0.0942446 | 2.8212151 | 6.1065761 |
| $35,000 to $49,999 | -0.1514004 | 2.2627785 | 26.3944511 | 0.0050706 | 2.3570231 | 5.0839936 | 8.3693546 |
| $50,000 to $74,999 | -0.156471 | 2.2577079 | -0.0050706 | 26.3893805 | 2.3519525 | 5.078923 | 8.364284 |
| $75,000 to $99,999 | -2.5084235 | -0.0942446 | -2.3570231 | -2.3519525 | 24.037428 | 2.7269705 | 6.0123315 |
| $100,000 to $149,999 | -5.235394 | -2.8212151 | -5.0839936 | -5.078923 | -2.7269705 | 21.3104575 | 3.285361 |
| $150,000 or more | -8.520755 | -6.1065761 | -8.3693546 | -8.364284 | -6.0123315 | -3.285361 | 18.0250965 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 18.249881 | -7.306369 |
| 4 years or more of college | 7.306369 | 25.55625 |

##### Sportsperson Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 1105.6556 | -1307.8494 | -2181.4789 | -1075.7847 |
| 25 to 44 years old | 1307.84936 | 2413.505 | -873.6296 | 232.0647 |
| 45 to 64 years old | 2181.47893 | 873.6296 | 3287.1345 | 1105.6943 |
| 65 years old and older | 1075.78467 | -232.0647 | -1105.6943 | 2181.4403 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 2693.22354 | 754.87182 |
| Hispanic | -754.87182 | 1938.35172 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 3065.9665 | 1699.937 |
| Female | -1699.937 | 1366.0295 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 2724.6431 | 1444.41789 | 172.4063 | 269.6461 |
| African American | -1444.4179 | 1280.22523 | -1272.0116 | -1174.7717 |
| Asian American | -172.4063 | 1272.01162 | 2552.2368 | 97.2399 |
| Other races | -269.6461 | 1174.77174 | -97.2399 | 2454.997 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 1379.56623 | -292.43021 | -285.97297 | -982.46595 | -1578.8378 | -2558.4436 | -3933.2446 |
| $25,000 to $34,999 | 292.43021 | 1671.99644 | 6.45724 | -690.03574 | -1286.4076 | -2266.0134 | -3640.8144 |
| $35,000 to $49,999 | 285.97297 | -6.45724 | 1665.5392 | -696.49298 | -1292.8648 | -2272.4706 | -3647.2716 |
| $50,000 to $74,999 | 982.46595 | 690.03574 | 696.49298 | 2362.03218 | -596.3719 | -1575.9776 | -2950.7786 |
| $75,000 to $99,999 | 1578.8378 | 1286.40759 | 1292.86483 | 596.37185 | 2958.404 | -979.6058 | -2354.4068 |
| $100,000 to $149,999 | 2558.44357 | 2266.01336 | 2272.4706 | 1575.97762 | 979.6058 | 3938.0098 | -1374.801 |
| $150,000 or more | 3933.24458 | 3640.81437 | 3647.27161 | 2950.77863 | 2354.4068 | 1374.801 | 5312.8108 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 3047.8696 | 1330.3633 |
| 4 years or more of college | -1330.3633 | 1717.5063 |

##### Fishing Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 21.9795455 | 4.7647092 | 3.4687368 | 3.5977692 |
| 25 to 44 years old | -4.7647092 | 17.2148362 | -1.2959724 | -1.16694 |
| 45 to 64 years old | -3.4687368 | 1.2959724 | 18.5108086 | 0.1290324 |
| 65 years old and older | -3.5977692 | 1.16694 | -0.1290324 | 18.3817762 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 18.1973637 | -2.1247336 |
| Hispanic | 2.1247336 | 20.3220973 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 20.0179022 | 6.6530728 |
| Female | -6.6530728 | 13.3648294 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 18.1281417 | -1.0831259 | 2.0567131 | -3.2040952 |
| African American | 1.0831259 | 19.2112676 | 3.139839 | -2.1209692 |
| Asian American | -2.0567131 | -3.139839 | 16.0714286 | -5.2608083 |
| Other races | 3.2040952 | 2.1209692 | 5.2608083 | 21.3322368 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 22.7679466 | 4.196518 | 2.6894621 | 2.3958109 | 4.7712146 | 7.2378714 | 9.6980313 |
| $25,000 to $34,999 | -4.196518 | 18.5714286 | -1.5070559 | -1.8007071 | 0.5746965 | 3.0413534 | 5.5015133 |
| $35,000 to $49,999 | -2.6894621 | 1.5070559 | 20.0784844 | -0.2936512 | 2.0817524 | 4.5484093 | 7.0085692 |
| $50,000 to $74,999 | -2.3958109 | 1.8007071 | 0.2936512 | 20.3721357 | 2.3754036 | 4.8420605 | 7.3022204 |
| $75,000 to $99,999 | -4.7712146 | -0.5746965 | -2.0817524 | -2.3754036 | 17.996732 | 2.4666568 | 4.9268168 |
| $100,000 to $149,999 | -7.2378714 | -3.0413534 | -4.5484093 | -4.8420605 | -2.4666568 | 15.5300752 | 2.4601599 |
| $150,000 or more | -9.6980313 | -5.5015133 | -7.0085692 | -7.3022204 | -4.9268168 | -2.4601599 | 13.0699153 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 13.871308 | -7.2507016 |
| 4 years or more of college | 7.2507016 | 21.1220096 |

##### Fishing Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 519.04773 | -715.48503 | -1208.8902 | -889.43209 |
| 25 to 44 years old | 715.48503 | 1234.53276 | -493.4052 | -173.94706 |
| 45 to 64 years old | 1208.89022 | 493.4052 | 1727.938 | 319.45813 |
| 65 years old and older | 889.43209 | 173.94706 | -319.4581 | 1408.47982 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 1412.58835 | -80.07457 |
| Hispanic | 80.07457 | 1492.66292 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 1614.47487 | 765.03589 |
| Female | -765.03589 | 849.43898 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 1424.36881 | 669.486183 | -323.59547 | -192.29237 |
| African American | -669.48618 | 754.882629 | -993.08166 | -861.77856 |
| Asian American | 323.59547 | 993.081657 | 1747.96429 | 131.3031 |
| Other races | 192.29237 | 861.778555 | -131.3031 | 1616.66118 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 848.85476 | -108.33986 | -55.7853 | -500.56137 | -591.27705 | -1186.5926 | -1849.8825 |
| $25,000 to $34,999 | 108.33986 | 957.19462 | 52.55456 | -392.22152 | -482.93719 | -1078.2528 | -1741.5427 |
| $35,000 to $49,999 | 55.7853 | -52.55456 | 904.64005 | -444.77608 | -535.49175 | -1130.8073 | -1794.0972 |
| $50,000 to $74,999 | 500.56137 | 392.22152 | 444.77608 | 1349.41613 | -90.71568 | -686.0312 | -1349.3212 |
| $75,000 to $99,999 | 591.27705 | 482.93719 | 535.49175 | 90.71568 | 1440.13181 | -595.3156 | -1258.6055 |
| $100,000 to $149,999 | 1186.59261 | 1078.25275 | 1130.80731 | 686.03124 | 595.31556 | 2035.4474 | -663.2899 |
| $150,000 or more | 1849.88253 | 1741.54267 | 1794.09723 | 1349.32116 | 1258.60548 | 663.2899 | 2698.7373 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 1729.79747 | 787.12522 |
| 4 years or more of college | -787.12522 | 942.67225 |

##### Hunting Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 22.0263158 | 0.5783158 | 2.0501253 | 4.3649825 |
| 25 to 44 years old | -0.5783158 | 21.448 | 1.4718095 | 3.7866667 |
| 45 to 64 years old | -2.0501253 | -1.4718095 | 19.9761905 | 2.3148571 |
| 65 years old and older | -4.3649825 | -3.7866667 | -2.3148571 | 17.6613333 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 20.4126612 | 5.8337138 |
| Hispanic | -5.8337138 | 14.5789474 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 20.934205 | 6.9260417 |
| Female | -6.9260417 | 14.0081633 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 20.1177904 | 3.5536879 | -7.88221 | -4.490457 |
| African American | -3.5536879 | 16.5641026 | -11.435897 | -8.0441449 |
| Asian American | 7.8822096 | 11.4358974 | 28 | 3.3917526 |
| Other races | 4.490457 | 8.0441449 | -3.391753 | 24.6082474 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 19.8232759 | -0.8614088 | -0.7102518 | -0.913979 | -0.9718461 | 0.3395802 | 1.5111371 |
| $25,000 to $34,999 | 0.8614088 | 20.6846847 | 0.151157 | -0.0525702 | -0.1104373 | 1.200989 | 2.372546 |
| $35,000 to $49,999 | 0.7102518 | -0.151157 | 20.5335277 | -0.2037272 | -0.2615943 | 1.049832 | 2.221389 |
| $50,000 to $74,999 | 0.913979 | 0.0525702 | 0.2037272 | 20.7372549 | -0.057867 | 1.2535592 | 2.4251162 |
| $75,000 to $99,999 | 0.9718461 | 0.1104373 | 0.2615943 | 0.057867 | 20.795122 | 1.3114263 | 2.4829832 |
| $100,000 to $149,999 | -0.3395802 | -1.200989 | -1.049832 | -1.2535592 | -1.3114263 | 19.4836957 | 1.1715569 |
| $150,000 or more | -1.5111371 | -2.372546 | -2.221389 | -2.4251162 | -2.4829832 | -1.1715569 | 18.3121387 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 16.9143258 | -1.7704568 |
| 4 years or more of college | 1.7704568 | 18.6847826 |

##### Hunting Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 1286.16316 | -1297.0791 | -1746.1957 | -633.85551 |
| 25 to 44 years old | 1297.07913 | 2583.2423 | -449.1166 | 663.22362 |
| 45 to 64 years old | 1746.19569 | 449.1166 | 3032.3588 | 1112.34018 |
| 65 years old and older | 633.85551 | -663.2236 | -1112.3402 | 1920.01867 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 2614.31692 | 847.08885 |
| Hispanic | -847.08885 | 1767.22807 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 2702.3534 | 1137.0922 |
| Female | -1137.0922 | 1565.2612 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 2632.0386 | 1406.93602 | -68.6836 | 422.78085 |
| African American | -1406.936 | 1225.10256 | -1475.6197 | -984.15517 |
| Asian American | 68.6836 | 1475.61966 | 2700.7222 | 491.46449 |
| Other races | -422.7809 | 984.15517 | -491.4645 | 2209.25773 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 1297.4569 | -129.94851 | -333.53727 | -896.29016 | -1541.9919 | -2060.5594 | -5598.9419 |
| $25,000 to $34,999 | 129.94851 | 1427.40541 | -203.58876 | -766.34165 | -1412.0434 | -1930.6109 | -5468.9934 |
| $35,000 to $49,999 | 333.53727 | 203.58876 | 1630.99417 | -562.75289 | -1208.4546 | -1727.0221 | -5265.4047 |
| $50,000 to $74,999 | 896.29016 | 766.34165 | 562.75289 | 2193.74706 | -645.7017 | -1164.2692 | -4702.6518 |
| $75,000 to $99,999 | 1541.99188 | 1412.04338 | 1208.45461 | 645.70172 | 2839.4488 | -518.5675 | -4056.9501 |
| $100,000 to $149,999 | 2060.55941 | 1930.6109 | 1727.02214 | 1164.26925 | 518.5675 | 3358.0163 | -3538.3825 |
| $150,000 or more | 5598.94195 | 5468.99344 | 5265.40467 | 4702.65179 | 4056.9501 | 3538.3825 | 6896.3988 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 3141.9803 | 1703.7032 |
| 4 years or more of college | -1703.7032 | 1438.2771 |

##### Away-from-Home Wildlife-Watching Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 20.5421687 | 7.9024524 | -1.4842494 | -0.878884 |
| 25 to 44 years old | -7.9024524 | 12.6397163 | -9.3867017 | -8.7813363 |
| 45 to 64 years old | 1.4842494 | 9.3867017 | 22.026418 | 0.6053654 |
| 65 years old and older | 0.878884 | 8.7813363 | -0.6053654 | 21.4210526 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 19.5708368 | 6.8528881 |
| Hispanic | -6.8528881 | 12.7179487 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 18.8909836 | -0.700931 |
| Female | 0.700931 | 19.5919146 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 19.0270386 | 0.1870386 | -2.3618503 | -4.3381788 |
| African American | -0.1870386 | 18.84 | -2.5488889 | -4.5252174 |
| Asian American | 2.3618503 | 2.5488889 | 21.3888889 | -1.9763285 |
| Other races | 4.3381788 | 4.5252174 | 1.9763285 | 23.3652174 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 25.2025316 | 6.0914205 | 9.871428 | 5.9615168 | 4.4852542 | 8.9472685 | 3.2709727 |
| $25,000 to $34,999 | -6.0914205 | 19.1111111 | 3.7800074 | -0.1299037 | -1.6061664 | 2.855848 | -2.8204478 |
| $35,000 to $49,999 | -9.871428 | -3.7800074 | 15.3311037 | -3.9099111 | -5.3861738 | -0.9241595 | -6.6004553 |
| $50,000 to $74,999 | -5.9615168 | 0.1299037 | 3.9099111 | 19.2410148 | -1.4762627 | 2.9857516 | -2.6905441 |
| $75,000 to $99,999 | -4.4852542 | 1.6061664 | 5.3861738 | 1.4762627 | 20.7172775 | 4.4620143 | -1.2142814 |
| $100,000 to $149,999 | -8.9472685 | -2.855848 | 0.9241595 | -2.9857516 | -4.4620143 | 16.2552632 | -5.6762958 |
| $150,000 or more | -3.2709727 | 2.8204478 | 6.6004553 | 2.6905441 | 1.2142814 | 5.6762958 | 21.9315589 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 19.3487805 | 6.6045944 |
| 4 years or more of college | -6.6045944 | 12.7441861 |

##### Wildlife-Watching Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 897.1701 | 185.569583 | -236.13055 | 106.704921 |
| 25 to 44 years old | -185.56958 | 711.60052 | -421.70014 | -78.864662 |
| 45 to 64 years old | 236.13055 | 421.700137 | 1133.30066 | 342.835475 |
| 65 years old and older | -106.70492 | 78.864662 | -342.83547 | 790.465182 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 959.35733 | 433.13886 |
| Hispanic | -433.13886 | 526.21847 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 1112.48498 | 315.35285 |
| Female | -315.35285 | 797.13213 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 959.96972 | 557.312265 | 252.15722 | 68.89123 |
| African American | -557.31227 | 402.657459 | -305.15504 | -488.42104 |
| Asian American | -252.15722 | 305.155041 | 707.8125 | -183.266 |
| Other races | -68.89123 | 488.42104 | 183.266 | 891.0785 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 396.38298 | -20.62215 | -256.9877 | -551.93754 | -780.83729 | -814.75287 | -1814.0906 |
| $25,000 to $34,999 | 20.62215 | 417.00513 | -236.36555 | -531.3154 | -760.21514 | -794.13072 | -1793.4685 |
| $35,000 to $49,999 | 256.9877 | 236.36555 | 653.37068 | -294.94984 | -523.84959 | -557.76517 | -1557.1029 |
| $50,000 to $74,999 | 551.93754 | 531.3154 | 294.94984 | 948.32052 | -228.89975 | -262.81533 | -1262.1531 |
| $75,000 to $99,999 | 780.83729 | 760.21514 | 523.84959 | 228.89975 | 1177.22027 | -33.91558 | -1033.2533 |
| $100,000 to $149,999 | 814.75287 | 794.13072 | 557.76517 | 262.81533 | 33.91558 | 1211.13585 | -999.3378 |
| $150,000 or more | 1814.09063 | 1793.46848 | 1557.10293 | 1262.15308 | 1033.25334 | 999.33775 | 2210.4736 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 1222.00789 | 880.51645 |
| 4 years or more of college | -880.51645 | 341.49144 |

### Significance

The significance level of the number on the diagonal is the difference between the estimate and zero.

#### Weighted

##### Sportsperson Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | 0.2358 | 0.4818 | 0.1714 |
| 25 to 44 years old | 0.2358 | <.0001 | 0.4335 | 0.3769 |
| 45 to 64 years old | 0.4818 | 0.4335 | <.0001 | 0.1482 |
| 65 years old and older | 0.1714 | 0.3769 | 0.1482 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.4375 |
| Hispanic | 0.4375 | 0.1479 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.274 | 0.4666 | 0.8482 |
| African American | 0.274 | 0.0009 | 0.5725 | 0.7637 |
| Asian American | 0.4666 | 0.5725 | 0.5337 | 0.1712 |
| Other races | 0.8482 | 0.7637 | 0.1712 | 0.0801 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.2186 | 0.7365 | 0.6373 | 0.6314 | 0.7337 | 0.9252 | 0.909 |
| $25,000 to $34,999 | 0.7365 | <.0001 | 0.9838 | 0.7595 | 0.8773 | 0.198 | 0.0076 |
| $35,000 to $49,999 | 0.6373 | 0.9838 | <.0001 | 0.7309 | 0.9367 | 0.2656 | 0.1153 |
| $50,000 to $74,999 | 0.6314 | 0.7595 | 0.7309 | <.0001 | 0.8714 | 0.0048 | 0.0005 |
| $75,000 to $99,999 | 0.7337 | 0.8773 | 0.9367 | 0.8714 | <.0001 | 0.234 | 0.0144 |
| $100,000 to $149,999 | 0.9252 | 0.198 | 0.2656 | 0.0048 | 0.234 | <.0001 | 0.1482 |
| $150,000 or more | 0.909 | 0.0076 | 0.1153 | 0.0005 | 0.0144 | 0.1482 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.0501 |
| 4 years or more of college | 0.0501 | <.0001 |

##### Sportsperson Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | 0.0968 | <.0001 | 0.0024 |
| 25 to 44 years old | 0.0968 | 0.0025 | 0.003 | 0.8936 |
| 45 to 64 years old | <.0001 | 0.003 | <.0001 | <.0001 |
| 65 years old and older | 0.0024 | 0.8936 | <.0001 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.164 |
| Hispanic | 0.164 | 0.2643 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.0025 |
| Female | 0.0025 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | <.0001 | 0.5852 | 0.5018 |
| African American | <.0001 | 0.0037 | 0.9888 | 0.749 |
| Asian American | 0.5852 | 0.9888 | 0.7086 | 0.7229 |
| Other races | 0.5018 | 0.749 | 0.7229 | 0.3419 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.4172 | 0.4737 | 0.4019 | 0.0709 | 0.2334 | 0.0049 | <.0001 |
| $25,000 to $34,999 | 0.4737 | <.0001 | 0.643 | 0.5167 | 0.0804 | 0.5258 | <.0001 |
| $35,000 to $49,999 | 0.4019 | 0.643 | <.0001 | 0.0025 | 0.1741 | 0.3126 | <.0001 |
| $50,000 to $74,999 | 0.0709 | 0.5167 | 0.0025 | <.0001 | 0.3836 | 0.5462 | <.0001 |
| $75,000 to $99,999 | 0.2334 | 0.0804 | 0.1741 | 0.3836 | 0.0039 | 0.8684 | 0.3035 |
| $100,000 to $149,999 | 0.0049 | 0.5258 | 0.3126 | 0.5462 | 0.8684 | 0.0852 | 0.1939 |
| $150,000 or more | <.0001 | <.0001 | <.0001 | <.0001 | 0.3035 | 0.1939 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 0.0067 | 0.2081 |
| 4 years or more of college | 0.2081 | <.0001 |

##### Fishing Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 0.0031 | 0.328 | 0.6714 | 0.5526 |
| 25 to 44 years old | 0.328 | <.0001 | 0.1589 | 0.2862 |
| 45 to 64 years old | 0.6714 | 0.1589 | <.0001 | 0.7383 |
| 65 years old and older | 0.5526 | 0.2862 | 0.7383 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.826 |
| Hispanic | 0.826 | 0.1741 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.8905 | 0.4785 | 0.8931 |
| African American | 0.8905 | 0.0066 | 0.3534 | 0.9137 |
| Asian American | 0.4785 | 0.3534 | 0.361 | 0.0851 |
| Other races | 0.8931 | 0.9137 | 0.0851 | 0.1699 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.2904 | 0.8153 | 0.7962 | 0.7629 | 0.9261 | 0.9244 | 0.9002 |
| $25,000 to $34,999 | 0.8153 | <.0001 | 0.8855 | 0.9916 | 0.5645 | 0.2377 | 0.0011 |
| $35,000 to $49,999 | 0.7962 | 0.8855 | <.0001 | 0.7363 | 0.3818 | 0.0523 | 0.2735 |
| $50,000 to $74,999 | 0.7629 | 0.9916 | 0.7363 | <.0001 | 0.1159 | 0.0009 | 0.1002 |
| $75,000 to $99,999 | 0.9261 | 0.5645 | 0.3818 | 0.1159 | <.0001 | 0.1664 | 0.4439 |
| $100,000 to $149,999 | 0.9244 | 0.2377 | 0.0523 | 0.0009 | 0.1664 | <.0001 | 0.8258 |
| $150,000 or more | 0.9002 | 0.0011 | 0.2735 | 0.1002 | 0.4439 | 0.8258 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.3176 |
| 4 years or more of college | 0.3176 | 0.0221 |

##### Fishing Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | <.0001 | 0.0028 | 0.0002 |
| 25 to 44 years old | <.0001 | <.0001 | 0.2514 | 0.5561 |
| 45 to 64 years old | 0.0028 | 0.2514 | 0.0001 | 0.3744 |
| 65 years old and older | 0.0002 | 0.5561 | 0.3744 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.768 |
| Hispanic | 0.768 | 0.1845 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.1611 |
| Female | 0.1611 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | <.0001 | 0.7714 | 0.7893 |
| African American | <.0001 | 0.0231 | 0.8886 | 0.5749 |
| Asian American | 0.7714 | 0.8886 | 0.6434 | 0.7969 |
| Other races | 0.7893 | 0.5749 | 0.7969 | 0.3013 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.4097 | 0.5225 | 0.5705 | 0.1705 | 0.2851 | 0.0002 | 0.0005 |
| $25,000 to $34,999 | 0.5225 | <.0001 | 0.7028 | 0.1372 | 0.0748 | 0.4961 | 0.0002 |
| $35,000 to $49,999 | 0.5705 | 0.7028 | <.0001 | 0.0721 | 0.0478 | 0.4587 | <.0001 |
| $50,000 to $74,999 | 0.1705 | 0.1372 | 0.0721 | <.0001 | 0.5129 | 0.6859 | 0.0002 |
| $75,000 to $99,999 | 0.2851 | 0.0748 | 0.0478 | 0.5129 | <.0001 | 0.9924 | 0.123 |
| $100,000 to $149,999 | 0.0002 | 0.4961 | 0.4587 | 0.6859 | 0.9924 | 0.0633 | 0.2027 |
| $150,000 or more | 0.0005 | 0.0002 | <.0001 | 0.0002 | 0.123 | 0.2027 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 0.0264 | 0.4137 |
| 4 years or more of college | 0.4137 | <.0001 |

##### Hunting Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 0.0085 | 0.6766 | 0.8714 | 0.96 |
| 25 to 44 years old | 0.6766 | <.0001 | 0.3671 | 0.0364 |
| 45 to 64 years old | 0.8714 | 0.3671 | <.0001 | 0.4114 |
| 65 years old and older | 0.96 | 0.0364 | 0.4114 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.0324 |
| Hispanic | 0.0324 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.0218 |
| Female | 0.0218 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.2323 | 0.6418 | 0.3079 |
| African American | 0.2323 | <.0001 | 0.2699 | 0.1107 |
| Asian American | 0.6418 | 0.2699 | 0.0081 | 0.9756 |
| Other races | 0.3079 | 0.1107 | 0.9756 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.0011 | 0.5463 | 0.5598 | 0.5374 | 0.5501 | 0.6936 | 0.7739 |
| $25,000 to $34,999 | 0.5463 | <.0001 | 0.8502 | 0.7913 | 0.6608 | 0.6897 | 0.3919 |
| $35,000 to $49,999 | 0.5598 | 0.8502 | <.0001 | 0.9374 | 0.6473 | 0.4947 | 0.4202 |
| $50,000 to $74,999 | 0.5374 | 0.7913 | 0.9374 | <.0001 | 0.68 | 0.4165 | 0.3872 |
| $75,000 to $99,999 | 0.5501 | 0.6608 | 0.6473 | 0.68 | <.0001 | 0.4421 | 0.432 |
| $100,000 to $149,999 | 0.6936 | 0.6897 | 0.4947 | 0.4165 | 0.4421 | <.0001 | 0.5245 |
| $150,000 or more | 0.7739 | 0.3919 | 0.4202 | 0.3872 | 0.432 | 0.5245 | 0.0004 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.4792 |
| 4 years or more of college | 0.4792 | 0.0048 |

##### Hunting Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | 0.1012 | <.0001 | 0.189 |
| 25 to 44 years old | 0.1012 | 0.0048 | 0.2952 | 0.2883 |
| 45 to 64 years old | <.0001 | 0.2952 | <.0001 | 0.0132 |
| 65 years old and older | 0.189 | 0.2883 | 0.0132 | 0.0006 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.0618 |
| Hispanic | 0.0618 | 0.1508 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.0673 |
| Female | 0.0673 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.9018 | 0.8669 | 0.3086 |
| African American | 0.9018 | 0.2623 | 0.9682 | 0.9059 |
| Asian American | 0.8669 | 0.9682 | 0.0626 | 0.6686 |
| Other races | 0.3086 | 0.9059 | 0.6686 | 0.0325 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.3043 | 0.5308 | 0.371 | 0.1017 | 0.0102 | 0.0035 | 0.0098 |
| $25,000 to $34,999 | 0.5308 | <.0001 | 0.5352 | 0.0314 | 0.0043 | 0.339 | 0.001 |
| $35,000 to $49,999 | 0.371 | 0.5352 | <.0001 | 0.0505 | 0.0054 | 0.3682 | 0.0022 |
| $50,000 to $74,999 | 0.1017 | 0.0314 | 0.0505 | <.0001 | 0.1352 | 0.6159 | 0.0062 |
| $75,000 to $99,999 | 0.0102 | 0.0043 | 0.0054 | 0.1352 | <.0001 | 0.9956 | 0.0199 |
| $100,000 to $149,999 | 0.0035 | 0.339 | 0.3682 | 0.6159 | 0.9956 | 0.039 | 0.104 |
| $150,000 or more | 0.0098 | 0.001 | 0.0022 | 0.0062 | 0.0199 | 0.104 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.2898 |
| 4 years or more of college | 0.2898 | 0.0053 |

##### Away-from-Home Wildlife-Watching Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 0.4274 | 0.7326 | 0.5806 | 0.613 |
| 25 to 44 years old | 0.7326 | 0.1622 | 0.0051 | 0.0015 |
| 45 to 64 years old | 0.5806 | 0.0051 | 0.0481 | 0.7952 |
| 65 years old and older | 0.613 | 0.0015 | 0.7952 | 0.0012 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 0.0762 | 0.0707 |
| Hispanic | 0.0707 | 0.3308 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 0.0373 | 0.8096 |
| Female | 0.8096 | 0.1649 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 0.0699 | 0.7548 | 0.887 | 0.9941 |
| African American | 0.7548 | 0.3242 | 0.9768 | 0.8118 |
| Asian American | 0.887 | 0.9768 | 0.4792 | 0.8507 |
| Other races | 0.9941 | 0.8118 | 0.8507 | 0.3951 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.5242 | 0.9758 | 0.6834 | 0.9344 | 0.7875 | 0.9941 | 0.8308 |
| $25,000 to $34,999 | 0.9758 | 0.1217 | 0.2897 | 0.8276 | 0.5209 | 0.9643 | 0.6023 |
| $35,000 to $49,999 | 0.6834 | 0.2897 | 0.4302 | 0.2808 | 0.3283 | 0.5759 | 0.1216 |
| $50,000 to $74,999 | 0.9344 | 0.8276 | 0.2808 | 0.0531 | 0.522 | 0.8179 | 0.736 |
| $75,000 to $99,999 | 0.7875 | 0.5209 | 0.3283 | 0.522 | <.0001 | 0.1735 | 0.7571 |
| $100,000 to $149,999 | 0.9941 | 0.9643 | 0.5759 | 0.8179 | 0.1735 | 0.0014 | 0.7189 |
| $150,000 or more | 0.8308 | 0.6023 | 0.1216 | 0.736 | 0.7571 | 0.7189 | 0.1079 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.111 |
| 4 years or more of college | 0.111 | 0.3695 |

##### Wildlife-Watching Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 0.6831 | 0.8179 | 0.5385 | 0.7789 |
| 25 to 44 years old | 0.8179 | <.0001 | 0.6459 | 0.8652 |
| 45 to 64 years old | 0.5385 | 0.6459 | 0.0803 | 0.615 |
| 65 years old and older | 0.7789 | 0.8652 | 0.615 | 0.0003 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | 0.0268 | 0.3546 |
| Hispanic | 0.3546 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | 0.1317 | 0.7444 |
| Female | 0.7444 | 0.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | 0.0169 | 0.1675 | 0.197 | 0.568 |
| African American | 0.1675 | 0.0007 | 0.7945 | 0.6907 |
| Asian American | 0.197 | 0.7945 | 0.2919 | 0.7348 |
| Other races | 0.568 | 0.6907 | 0.7348 | 0.3164 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | 0.0001 | 0.7053 | 0.6703 | 0.3004 | 0.0006 | 0.3044 | 0.0077 |
| $25,000 to $34,999 | 0.7053 | 0.3325 | 0.0852 | 0.0192 | 0.0259 | 0.0674 | 0.0003 |
| $35,000 to $49,999 | 0.6703 | 0.0852 | 0.1791 | 0.1364 | 0.1225 | 0.1431 | 0.001 |
| $50,000 to $74,999 | 0.3004 | 0.0192 | 0.1364 | 0.0913 | 0.3845 | 0.5059 | 0.0044 |
| $75,000 to $99,999 | 0.0006 | 0.0259 | 0.1225 | 0.3845 | <.0001 | 0.6636 | 0.3375 |
| $100,000 to $149,999 | 0.3044 | 0.0674 | 0.1431 | 0.5059 | 0.6636 | 0.1372 | 0.0141 |
| $150,000 or more | 0.0077 | 0.0003 | 0.001 | 0.0044 | 0.3375 | 0.0141 | 0.003 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | 0.0484 | 0.1764 |
| 4 years or more of college | 0.1764 | <.0001 |

#### Unweighted

##### Sportsperson Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | 0.0417 | 0.0731 | 0.0148 |
| 25 to 44 years old | 0.0417 | <.0001 | 0.5176 | 0.3189 |
| 45 to 64 years old | 0.0731 | 0.5176 | <.0001 | 0.1194 |
| 65 years old and older | 0.0148 | 0.3189 | 0.1194 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.2352 |
| Hispanic | 0.2352 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.2539 | 0.1726 | 0.2415 |
| African American | 0.2539 | <.0001 | 0.7509 | 0.0952 |
| Asian American | 0.1726 | 0.7509 | <.0001 | 0.0675 |
| Other races | 0.2415 | 0.0952 | 0.0675 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.2704 | 0.944 | 0.9367 | 0.1891 | 0.0053 | <.0001 |
| $25,000 to $34,999 | 0.2704 | <.0001 | 0.2901 | 0.2475 | 0.9603 | 0.1288 | 0.0023 |
| $35,000 to $49,999 | 0.944 | 0.2901 | <.0001 | 0.9979 | 0.2029 | 0.0051 | <.0001 |
| $50,000 to $74,999 | 0.9367 | 0.2475 | 0.9979 | <.0001 | 0.1494 | 0.0014 | <.0001 |
| $75,000 to $99,999 | 0.1891 | 0.9603 | 0.2029 | 0.1494 | <.0001 | 0.0722 | 0.0004 |
| $100,000 to $149,999 | 0.0053 | 0.1288 | 0.0051 | 0.0014 | 0.0722 | <.0001 | 0.0467 |
| $150,000 or more | <.0001 | 0.0023 | <.0001 | <.0001 | 0.0004 | 0.0467 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | <.0001 |
| 4 years or more of college | <.0001 | <.0001 |

##### Sportsperson Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | <.0001 | <.0001 | <.0001 |
| 25 to 44 years old | <.0001 | <.0001 | <.0001 | 0.2868 |
| 45 to 64 years old | <.0001 | <.0001 | <.0001 | <.0001 |
| 65 years old and older | <.0001 | 0.2868 | <.0001 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.0157 |
| Hispanic | 0.0157 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | <.0001 | 0.8031 | 0.4307 |
| African American | <.0001 | <.0001 | 0.0871 | 0.0073 |
| Asian American | 0.8031 | 0.0871 | 0.0002 | 0.8982 |
| Other races | 0.4307 | 0.0073 | 0.8982 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.1693 | 0.1386 | <.0001 | <.0001 | <.0001 | <.0001 |
| $25,000 to $34,999 | 0.1693 | <.0001 | 0.9745 | 0.002 | <.0001 | <.0001 | <.0001 |
| $35,000 to $49,999 | 0.1386 | 0.9745 | <.0001 | 0.0007 | <.0001 | <.0001 | <.0001 |
| $50,000 to $74,999 | <.0001 | 0.002 | 0.0007 | <.0001 | 0.0289 | <.0001 | <.0001 |
| $75,000 to $99,999 | <.0001 | <.0001 | <.0001 | 0.0289 | <.0001 | 0.0098 | <.0001 |
| $100,000 to $149,999 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0098 | <.0001 | 0.0214 |
| $150,000 or more | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 | 0.0214 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | <.0001 |
| 4 years or more of college | <.0001 | <.0001 |

##### Fishing Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | 0.0189 | 0.0869 | 0.094 |
| 25 to 44 years old | 0.0189 | <.0001 | 0.1353 | 0.2991 |
| 45 to 64 years old | 0.0869 | 0.1353 | <.0001 | 0.908 |
| 65 years old and older | 0.094 | 0.2991 | 0.908 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.3183 |
| Hispanic | 0.3183 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.6271 | 0.3342 | 0.1038 |
| African American | 0.6271 | <.0001 | 0.2997 | 0.4671 |
| Asian American | 0.3342 | 0.2997 | <.0001 | 0.0641 |
| Other races | 0.1038 | 0.4671 | 0.0641 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.0391 | 0.1716 | 0.1876 | 0.0072 | <.0001 | <.0001 |
| $25,000 to $34,999 | 0.0391 | <.0001 | 0.42 | 0.2927 | 0.73 | 0.0628 | 0.0009 |
| $35,000 to $49,999 | 0.1716 | 0.42 | <.0001 | 0.8572 | 0.1887 | 0.0034 | <.0001 |
| $50,000 to $74,999 | 0.1876 | 0.2927 | 0.8572 | <.0001 | 0.0885 | 0.0004 | <.0001 |
| $75,000 to $99,999 | 0.0072 | 0.73 | 0.1887 | 0.0885 | <.0001 | 0.0575 | 0.0002 |
| $100,000 to $149,999 | <.0001 | 0.0628 | 0.0034 | 0.0004 | 0.0575 | <.0001 | 0.057 |
| $150,000 or more | <.0001 | 0.0009 | <.0001 | <.0001 | 0.0002 | 0.057 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | <.0001 |
| 4 years or more of college | <.0001 | <.0001 |

##### Fishing Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | <.0001 | <.0001 | <.0001 |
| 25 to 44 years old | <.0001 | <.0001 | <.0001 | 0.2769 |
| 45 to 64 years old | <.0001 | <.0001 | <.0001 | 0.0572 |
| 65 years old and older | <.0001 | 0.2769 | 0.0572 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.7938 |
| Hispanic | 0.7938 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | <.0001 | 0.5331 | 0.5156 |
| African American | <.0001 | <.0001 | 0.0599 | 0.0055 |
| Asian American | 0.5331 | 0.0599 | 0.0007 | 0.8246 |
| Other races | 0.5156 | 0.0055 | 0.8246 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.4784 | 0.6632 | 0.0013 | 0.0002 | <.0001 | <.0001 |
| $25,000 to $34,999 | 0.4784 | <.0001 | 0.6872 | 0.0126 | 0.0028 | <.0001 | <.0001 |
| $35,000 to $49,999 | 0.6632 | 0.6872 | <.0001 | 0.0008 | 0.0001 | <.0001 | <.0001 |
| $50,000 to $74,999 | 0.0013 | 0.0126 | 0.0008 | <.0001 | 0.5788 | 0.0016 | <.0001 |
| $75,000 to $99,999 | 0.0002 | 0.0028 | 0.0001 | 0.5788 | <.0001 | 0.0069 | 0.0001 |
| $100,000 to $149,999 | <.0001 | <.0001 | <.0001 | 0.0016 | 0.0069 | <.0001 | 0.0609 |
| $150,000 or more | <.0001 | <.0001 | <.0001 | <.0001 | 0.0001 | 0.0609 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | <.0001 |
| 4 years or more of college | <.0001 | <.0001 |

##### Hunting Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | 0.8381 | 0.4598 | 0.1279 |
| 25 to 44 years old | 0.8381 | <.0001 | 0.2338 | 0.0083 |
| 45 to 64 years old | 0.4598 | 0.2338 | <.0001 | 0.0793 |
| 65 years old and older | 0.1279 | 0.0083 | 0.0793 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.024 |
| Hispanic | 0.024 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | <.0001 |
| Female | <.0001 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.2053 | 0.2938 | 0.3086 |
| African American | 0.2053 | <.0001 | 0.1518 | 0.1199 |
| Asian American | 0.2938 | 0.1518 | 0.0002 | 0.6958 |
| Other races | 0.3086 | 0.1199 | 0.6958 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.716 | 0.7501 | 0.648 | 0.6365 | 0.8691 | 0.6064 |
| $25,000 to $34,999 | 0.716 | <.0001 | 0.9485 | 0.9803 | 0.9595 | 0.5818 | 0.4319 |
| $35,000 to $49,999 | 0.7501 | 0.9485 | <.0001 | 0.9176 | 0.8972 | 0.605 | 0.4455 |
| $50,000 to $74,999 | 0.648 | 0.9803 | 0.9176 | <.0001 | 0.9739 | 0.4805 | 0.3763 |
| $75,000 to $99,999 | 0.6365 | 0.9595 | 0.8972 | 0.9739 | <.0001 | 0.4755 | 0.372 |
| $100,000 to $149,999 | 0.8691 | 0.5818 | 0.605 | 0.4805 | 0.4755 | <.0001 | 0.6739 |
| $150,000 or more | 0.6064 | 0.4319 | 0.4455 | 0.3763 | 0.372 | 0.6739 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.3015 |
| 4 years or more of college | 0.3015 | <.0001 |

##### Hunting Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | <.0001 | <.0001 | <.0001 | 0.032 |
| 25 to 44 years old | <.0001 | <.0001 | 0.1648 | 0.0369 |
| 45 to 64 years old | <.0001 | 0.1648 | <.0001 | 0.0008 |
| 65 years old and older | 0.032 | 0.0369 | 0.0008 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.0021 |
| Hispanic | 0.0021 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.0005 |
| Female | 0.0005 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.0024 | 0.9302 | 0.3572 |
| African American | 0.0024 | 0.0054 | 0.0965 | 0.1126 |
| Asian American | 0.9302 | 0.0965 | 0.0005 | 0.5791 |
| Other races | 0.3572 | 0.1126 | 0.5791 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.5739 | 0.1984 | 0.0011 | <.0001 | <.0001 | <.0001 |
| $25,000 to $34,999 | 0.5739 | <.0001 | 0.3764 | 0.0019 | <.0001 | <.0001 | <.0001 |
| $35,000 to $49,999 | 0.1984 | 0.3764 | <.0001 | 0.0396 | 0.0013 | 0.0002 | <.0001 |
| $50,000 to $74,999 | 0.0011 | 0.0019 | 0.0396 | <.0001 | 0.0952 | 0.0148 | <.0001 |
| $75,000 to $99,999 | <.0001 | <.0001 | 0.0013 | 0.0952 | <.0001 | 0.3397 | 0.0005 |
| $100,000 to $149,999 | <.0001 | <.0001 | 0.0002 | 0.0148 | 0.3397 | <.0001 | 0.0031 |
| $150,000 or more | <.0001 | <.0001 | <.0001 | <.0001 | 0.0005 | 0.0031 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | <.0001 |
| 4 years or more of college | <.0001 | <.0001 |

##### Away-from-Home Wildlife-Watching Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 0.0002 | 0.1582 | 0.7935 | 0.882 |
| 25 to 44 years old | 0.1582 | <.0001 | <.0001 | 0.0005 |
| 45 to 64 years old | 0.7935 | <.0001 | <.0001 | 0.82 |
| 65 years old and older | 0.882 | 0.0005 | 0.82 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.057 |
| Hispanic | 0.057 | 0.0003 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.701 |
| Female | 0.701 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | 0.9717 | 0.7825 | 0.4317 |
| African American | 0.9717 | 0.0003 | 0.798 | 0.5471 |
| Asian American | 0.7825 | 0.798 | 0.0119 | 0.8448 |
| Other races | 0.4317 | 0.5471 | 0.8448 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.1971 | 0.0313 | 0.1785 | 0.3301 | 0.0374 | 0.5171 |
| $25,000 to $34,999 | 0.1971 | <.0001 | 0.3045 | 0.9703 | 0.6648 | 0.3891 | 0.5066 |
| $35,000 to $49,999 | 0.0313 | 0.3045 | <.0001 | 0.2359 | 0.127 | 0.7668 | 0.1069 |
| $50,000 to $74,999 | 0.1785 | 0.9703 | 0.2359 | <.0001 | 0.6573 | 0.3009 | 0.4925 |
| $75,000 to $99,999 | 0.3301 | 0.6648 | 0.127 | 0.6573 | <.0001 | 0.1563 | 0.768 |
| $100,000 to $149,999 | 0.0374 | 0.3891 | 0.7668 | 0.3009 | 0.1563 | <.0001 | 0.132 |
| $150,000 or more | 0.5171 | 0.5066 | 0.1069 | 0.4925 | 0.768 | 0.132 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | 0.0122 |
| 4 years or more of college | 0.0122 | <.0001 |

##### Wildlife-Watching Expenditures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age | 18 to 24 years old | 25 to 44 years old | 45 to 64 years old | 65 years old and older |
| 18 to 24 years old | 0.1224 | 0.7512 | 0.6871 | 0.856 |
| 25 to 44 years old | 0.7512 | <.0001 | <.0001 | 0.5043 |
| 45 to 64 years old | 0.6871 | <.0001 | <.0001 | 0.0053 |
| 65 years old and older | 0.856 | 0.5043 | 0.0053 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Ethnicity | Non-Hispanic | Hispanic |
| Non-Hispanic | <.0001 | 0.0008 |
| Hispanic | 0.0008 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Sex | Male | Female |
| Male | <.0001 | 0.0031 |
| Female | 0.0031 | <.0001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Race | White | African American | Asian American | Other races |
| White | <.0001 | <.0001 | 0.2074 | 0.7665 |
| African American | <.0001 | <.0001 | 0.15 | 0.0439 |
| Asian American | 0.2074 | 0.15 | 0.0002 | 0.5363 |
| Other races | 0.7665 | 0.0439 | 0.5363 | <.0001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Household Income | Less than $25,000 | $25,000 to $34,999 | $35,000 to $49,999 | $50,000 to $74,999 | $75,000 to $99,999 | $100,000 to $149,999 | $150,000 or more |
| Less than $25,000 | <.0001 | 0.7612 | 0.0069 | 0.0001 | <.0001 | <.0001 | <.0001 |
| $25,000 to $34,999 | 0.7612 | <.0001 | 0.0145 | 0.0002 | <.0001 | <.0001 | <.0001 |
| $35,000 to $49,999 | 0.0069 | 0.0145 | <.0001 | 0.0628 | 0.0054 | 0.0003 | <.0001 |
| $50,000 to $74,999 | 0.0001 | 0.0002 | 0.0628 | <.0001 | 0.2899 | 0.1611 | 0.0007 |
| $75,000 to $99,999 | <.0001 | <.0001 | 0.0054 | 0.2899 | <.0001 | 0.8737 | 0.0075 |
| $100,000 to $149,999 | <.0001 | <.0001 | 0.0003 | 0.1611 | 0.8737 | <.0001 | 0.007 |
| $150,000 or more | <.0001 | <.0001 | <.0001 | 0.0007 | 0.0075 | 0.007 | <.0001 |

|  |  |  |
| --- | --- | --- |
| Education | 11 years or less | 4 years or more of college |
| 11 years or less | <.0001 | <.0001 |
| 4 years or more of college | <.0001 | <.0001 |

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1. Sportsperson participation: The difference in age groups 24 to 44 and 45 to 64 is not statistically significant. [↑](#footnote-ref-1)
2. Sportsperson participation: The difference in race groups African American, Asian American, and All others is not statistically significant. [↑](#footnote-ref-2)
3. Sportsperson participation: The difference in the following income categories is not statistically significant: $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $50,000 to $74,999; $25,000 to $34,999 and $150,000 or more; $35,000 to $49,999 and $50,000 to $74,999; $35,000 to $49,999 and $150,000 or more; $50,000 to $74,999 and $75,000 to $99,999;$50,000 to $74,999 and $150,000 or more; $75,000 to $99,999 and $100,000 to $149,999; $75,000 to $99,999 and $150,000 or more; $100,000 to $149,999 and $150,000 or more. [↑](#footnote-ref-3)
4. Fishing participation: In addition to the income categories that were not statistically different for sportsperson participation, the difference in the following income categories is not statistically significant: $35,000 to $49,999 and $75,000 to $99,999; $35,000 to $49,999 and $100,000 to $149,999. [↑](#footnote-ref-4)
5. Hunting participation: The difference in the following age groups is not statistically significant: 18 to 24 and 25 to 44; 18 to 24 and 45 to 64. [↑](#footnote-ref-5)
6. Hunting participation: The difference in the following income categories is not statistically significant: $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $50,000 to $74,999; $25,000 to $34,999 and $150,000 or more; $35,000 to $49,999 and $50,000 to $74,999; $35,000 to $49,999 and $150,000 or more; $50,000 to $74,999 and $75,000 to $99,999;$50,000 to $74,999 and $150,000 or more; $75,000 to $99,999 and $100,000 to $149,999. [↑](#footnote-ref-6)
7. Wildlife-Watching participation: The difference in age groups 45 to 64 and 65 and older is not statistically significant. [↑](#footnote-ref-7)
8. Wildlife-Watching participation: The difference in race groups African American, Asian American, and All others is not statistically significant. [↑](#footnote-ref-8)
9. Wildlife-Watching participation: The difference in the following income categories is not statistically significant: $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $50,000 to $74,999; $35,000 to $49,999 and $50,000 to $74,999; $35,000 to $49,999 and $75,000 to $99,999; $50,000 to $74,999 and $75,000 to $99,999; $75,000 to $99,999 and $100,000 to $149,999; $75,000 to $99,999 and $150,000 or more; $100,000 to $149,999 and $150,000 or more. [↑](#footnote-ref-9)
10. Away-from-Home Wildlife-Watching participation: The difference in the following income categories is not statistically significant: $25,000 to $34,999 and $35,000 to $49,999; $50,000 to $74,999 and $75,000 to $99,999; $50,000 to $74,999 and $100,000 to $149,999; $50,000 to $74,999 and $150,000 or more; $75,000 to $99,999 and $100,000 to $149,999; $75,000 to $99,999 and $150,000 or more; $100,000 to $149,999 and $150,000 or more; [↑](#footnote-ref-10)
11. Around-the-Home Wildlife-Watching participation: The difference in the following race groups is not statistically significant: African American and Asian American; African American and All others. [↑](#footnote-ref-11)
12. Around-the-Home Wildlife-Watching participation: The difference in the following income categories is not statistically significant: $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $50,000 to $74,999; $25,000 to $34,999 and $75,000 to $99,999; $35,000 to $49,999 and $50,000 to $74,999; $35,000 to $49,999 and $75,000 to $99,999; $50,000 to $74,999 and $75,000 to $99,999; $75,000 to $99,999 and $100,000 to $149,999; $100,000 to $149,999 and $150,000 or more. [↑](#footnote-ref-12)
13. Away-from-Home Wildlife-Watching days: The difference between the following age groups was not statistically significant: 25 to 44 years and 45 to 64 years; 25 to 44 years and 65 years old and older. [↑](#footnote-ref-13)
14. Sportsperson expenditures: The income categories Less than $25,000 and $100,000 to $149,999 are not statistically different from zero. The difference in the following income categories is not statistically significant: Less than $25,000 and $25,000 to $34,999; Less than $25,000 and $35,000 to $49,999; Less than $25,000 and $50,000 to $74,999; Less than $25,000 and $75,000 to $99,999; $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $50,000 to $74,999; $25,000 to $34,999 and $75,000 to $99,999; $25,000 to $34,999 and $100,000 to $149,999; $35,000 to $49,999 and $75,000 to $99,999; $35,000 to $49,999 and $100,000 to $149,999; $50,000 to $74,999 and $75,000 to $99,999; $50,000 to $74,999 and $100,000 to $149,999; $75,000 to $99,999 and $100,000 to $149,999; $75,000 to $99,999 and $150,000 or more; $100,000 to $149,999 and $150,000 or more. [↑](#footnote-ref-14)
15. Fishing expenditures: The difference in the following age groups is not statistically significant: 25 to 44 years and 45 to 64 years; 25 to 44 years and 65 years old and older; 45 to 64 years and 65 years old and older. [↑](#footnote-ref-15)
16. Fishing expenditures: Same income categories are not statistically different from one another as sportsperson expenditures, except $35,000 to $49,999 and $75,000 to $99,999 while $35,000 to $49,999 and $50,000 to $74,999 are not significant. [↑](#footnote-ref-16)
17. Hunting expenditures: The difference in the following age groups is not statistically significant: 18 to 24 years and 25 to 44 years; 18 to 24 years and 65 years old and older; 25 to 44 years and 45 to 64 years; 25 to 44 years and 65 years old and older. [↑](#footnote-ref-17)
18. Hunting expenditures: The income category Less than $25,000 is not statistically different from zero. The difference in the following income categories is not statistically significant: Less than $25,000 and $25,000 to $34,999; Less than $25,000 and $35,000 to $49,999; Less than $25,000 and $50,000 to $74,999; $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $100,000 to $149,999; $35,000 to $49,999 and $50,000 to $74,999; $35,000 to $49,999 and $100,000 to $149,999; $50,000 to $74,999 and $75,000 to $99,999; $50,000 to $74,999 and $100,000 to $149,999; $75,000 to $99,999 and $100,000 to $149,999; $100,000 to $149,999 and $150,000 or more. [↑](#footnote-ref-18)
19. Wildlife-Watching expenditures: The following income categories are not statistically different from zero: $25,000 to $34,999; $35,000 to $49,999; $50,000 to $74,999; $100,000 to $149,999. The difference in the following income categories is not statistically significant: Less than $25,000 and $25,000 to $34,999; Less than $25,000 and $35,000 to $49,999; Less than $25,000 and $50,000 to $74,999; Less than $25,000 and $100,000 to $149,999; $25,000 to $34,999 and $35,000 to $49,999; $25,000 to $34,999 and $100,000 to $149,999; $35,000 to $49,999 and $50,000 to $74,999; $35,000 to $49,999 and $75,000 to $99,999; $35,000 to $49,999 and $100,000 to $149,999; $50,000 to $74,999 and $75,000 to $99,999; $50,000 to $74,999 and $100,000 to $149,999; $75,000 to $99,999 and $100,000 to $149,999; $75,000 to $99,999 and $150,000 or more. [↑](#footnote-ref-19)