

**2006**

**Behavioral Risk Factor Surveillance System**

**Summary Data Quality Report**

**May 3, 2007**

2006 Summary Data Quality Report 1

**2006 BRFSS Summary Data Quality Report**

This report provides selected statistical indicators of data quality in the Behavioral Risk Factor

Surveillance System (BRFSS). The report presents data on three general types of measures by state1 :

(1) Outcome measures, including response rates, which are based on disposition codes. (2) Selection biases with respect to sex, age, and race/ethnicity.

(3) Missing values of income.

The measures in this report are designed to document the quality of BRFSS data.2 “Data quality” in this report refers to the accuracy of BRFSS data.

**Outcome Measures**

The factors affecting the distribution of disposition codes by state may be grouped into differences in telephone systems, sample designs, surveyed populations, and data collection processes. Different outcome measures are variously affected by differences in these factors.

Table 1 presents brief descriptions of each final call disposition code.

Table 2 presents the frequency distribution by state for numbers of known eligibility (eligible and ineligible).

Table 3 presents BRFSS call dispositions, frequency distribution by state for telephone numbers of unknown eligibility.

Table 4 shows the frequency distribution. Table 5 shows the percent (of all numbers in the sample) distribution of disposition codes for each state grouped into several descriptive categories. The categories shown in Tables 4 and 5 and used in the calculations of the outcome rates in Table 6 are defined below. *P* in the table below is the proportion of records with a final disposition code of 210 for which more than half of the core questionnaire prior to the demographics section was completed. An interview is considered to be more than fifty percent complete if any question in the Cardiovascular Disease Prevalence section or a later section has a value other than 7 or 9. These interviews are included in the response rate numerator but are not used in calculating estimates of risk factors and prevalence estimates.

|  |
| --- |
| **Categories of Call Outcomes** |
| Category | Disposition Code Definition | Format inTables/Formulae |
| Completed Interview | 110+120+(210\* *P*) | COIN |
| Terminations and Refusals | (210\*(1- *P)*)+220 | TERE |
| Known Household, PossiblyEligible, Non-interview | 230+240+250+260+270+280+305+310+315+335 | KNHH |
| Likely Households | 320+325+330+332+340+355+370 | LIHH |
| Answering Machine Unknown | 345+350 | AMUR |
| Ineligible Households | 410 | INHH |

1 In this report, “state” includes the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. Summary statistics other than the column totals at the end of each table include the 50 states and DC.

2 The measures in this report are only indirect indicators of the quality of the data collection effort or adherence to

BRFSS protocols.

|  |
| --- |
| **Categories of Call Outcomes** |
| Category | Disposition Code Definition | Format inTables/Formulae |
| Non-Contact | 360+365 | NCUS |
| Business Non-Residential | 420 | BUNR |
| Non-working Out-of-Scope | 405+430+435+440+450 | NOSN |
| Eligible, Non-Interview | 210+220+230+240+250+260+270+280 | Elig HH |
| Known or Probable Household,Unknown Eligibility | 305+310+315+320+325+330+332+335+340+345+350+355+370 | EUHH |
| Unknown Eligibility | EUHH+NCUS | Total Unknown |
| Ineligible | 410+420+NOSN | Total Ineligible |
| All Known or ProbableHouseholds | COIN+TERE+KNHH+LIHH+INHH | HH |
| Total Records | All numbers in sample | TOTAL |

Table 6 provides seven outcome rates for each state that are used to measure respondent cooperation, data quality, and data collection efficiency. The Resolution Rate is the proportion of all telephone numbers in the sample for which the status of the numbers as households with working numbers has been resolved. Records for which household status remains unknown are excluded from the numerator. The formula for the Resolution Rate is

⎡ *COIN* + *TERE* + *KNHH*

+ *INHH* + *BUNR* + *NOSN* ⎤

⎣⎢ *TOTAL* ⎥⎦

The Screening Completion Rate is the proportion of all known households in which the presence or absence of an eligible respondent has been determined and in which, for eligible households, an interviewer actually spoke to the selected respondent. Households in which the presence or absence of an adult is unknown are excluded from the numerator. Its formula is

⎡ *COIN* + *TERE* + *INHH* ⎤

⎢⎣ *COIN* + *TERE* + *INHH* + *KNHH* ⎥⎦

The Interview Completion Rate is the proportion of contacted selected respondents who successfully complete an interview. This rate is a type of cooperation rate. An alternate response rate definition is the product of these three rates. The formula for the Interview Completion Rate is

⎡ *COIN* ⎤

⎢⎣ *COIN*

+ *TERE* ⎥⎦

The Cooperation Rate is the proportion of all respondents interviewed of all eligible units in which a respondent was selected and actually contacted. Non-contacts are excluded from the denominator. This rate is based on contacts with households containing an eligible respondent. The denominator of the rate includes completed interviews plus the number of non-interviews that involve the identification of and contact with a selected respondent. A Cooperation Rate below 65 percent may indicate some problem with interviewing techniques. The denominator of the Cooperation Rate consists of records with disposition codes of 110, 120, 210, 220, 250, and 260. Thus, the formula for the BRFSS Cooperation Rate is

⎡ *COIN* ⎤

⎢⎣ *COIN* + *TERE* + 250 + 260 ⎥⎦

A Response Rate is an outcome rate with the number of complete and partial interviews in the numerator and an estimate of the number of eligible units in the sample in the denominator. A proportion of the terminations (210) are included as partial interviews in the BRFSS CASRO Response Rate calculation because more than fifty percent of the core questionnaire was completed for these telephone numbers. The BRFSS CASRO Response Rate calculation assumes that the unresolved numbers contain the same percentage of eligible households as the records whose eligibility or ineligibility are determined. This estimated level of eligibility provides a conservative response rate due to the fact that the proportion of these unknown eligible telephone numbers that are eligible is probably quite low, given the fifteen or more call attempts required by BRFSS protocol. The formula for the BRFSS CASRO Rate is

⎡ ⎤

⎢ ⎥

⎢ *COIN* ⎥

⎢ ⎛ 110 + 120 + *EligHH* ⎞ ⎥

⎢ (110 + 120 + *EligHH*) +

⎢

⎜ (110 + 120 + *EligHH* + *Ineligible*)⎟ ×

*TotalUnknown*⎥

⎥

⎣ ⎝ ⎠ ⎦

The response rate is an indicator of the potential for bias in the results of a survey. It does not indicate the actual amount of bias. The actual amount of bias can be conceptualized as a function of two factors—the amount of non-response, which is measured by a response rate, and the differences between the respondents and the non-respondents. A response rate does not address the latter factor.

If the non-respondents are highly similar to the respondents for the characteristics of interest, then even a low response rate will result in little non-response bias.

Table 6 also presents the BRFSS Overall Response Rate. The Overall Response Rate is a more conservative response rate that assumes that more unknown records are eligible and thus includes a higher proportion of all numbers in the denominator. The rate assumes that all likely households are households and that 98 percent of known or probable households contain an adult who uses the telephone number.

The Overall Response Rate formula is

⎡ *COIN* ⎤

.⎢ ⎥

⎣ (.98 × *HH* ) ⎦

The BRFSS Refusal Rate is the proportion of all eligible respondents that refused to complete an interview or terminated an interview prior to the threshold required to be considered a partial interview. Refusals and terminations (TERE) are in the numerator, and the denominator is the same as that of the Response Rate. This formula is

⎡ ⎤

⎢ ⎥

⎢ *TERE* ⎥

⎢ ⎛ 110 + 120 + *EligHH* ⎞ ⎥

⎢ (110 + 120 + *EligHH*) +

⎢

⎜ (110 + 120 + *EligHH* + *Ineligible*)⎟ ×

*TotalUnknown*⎥

⎥

⎣ ⎝ ⎠ ⎦

**Selection Biases**

Tables 7 through 14 present data on the differences between BRFSS and population data with respect to sex, age, and race/ethnicity by state. In these tables, BRFSS data are weighted for the characteristics of

the sample design—disproportionate sampling by geographic and density strata (where they exist), number of phones, and number of adults in the household.3 Population data is purchased from Claritas, Inc., each year. Because these factors are built into the sample design, they should be adjusted for before comparing survey distributions to population distributions. No definitive standards exist with

respect to what constitutes a substantial difference between survey and population percentages. One approach would be to examine the distribution of discrepant values with the purpose of identifying extreme values, or outliers, which may indicate biased data. The presence or absence of a minus sign (‘-

‘) in the Difference column should not be interpreted as an indicator of potential bias in the data.

**Income Missing Values**

Table 15 presents the percent missing (Don’t know/Not sure, Refused, or either) income by state. Income is the variable in the survey data with the largest percentage of missing values. A larger percentage of missing values for income implies lower quality data for income and, by extension, for other variables.

3 These factors make up the variable \_WT2 in the BRFSS data sets.

**Table 1. Summary of 2006 BRFSS Final Disposition Codes and Rules**

|  |  |  |  |
| --- | --- | --- | --- |
| Code | Description | Definition | Callback Rules |
| 100 Interview |
| 110 | Complete | Selected respondent meets the criteria for a 120 and has completed the interviewthrough the last question. | Give final disposition upon completion of interview. |
| 120 | PartialComplete | Sex and three or more questions from age, race, ethnicity, marital status,education, employment status, county, and existence of more than onetelephone number have been answeredwith a response other than ‘Don’t know/Not sure’ or ‘Refused’. | Make a second attempt to fully complete the interview after first refusal or termination. Givefinal disposition on the second attempt if interview is not completed or, on the fifteenthor subsequent attempt, even if there is onlyone occurrence of a refusal or termination. |
| 200 Non-Interview, Household with Eligible Respondent |
| 210 | TerminationwithinQuestionnaire | A hang-up or other termination after thefirst question in the core has been asked and it or a subsequent question has received a response other than ‘Don’t know/Not sure’ or ‘Refused’. The selected respondent has not answered enough questions for the interview to qualify as a120. | Give final disposition after second refusal or termination or when a first-time refusal or termination will not be called a second timebecause of an irate respondent. On thefifteenth or later attempt, give final disposition after a single refusal or termination. |
| 220 | Refusal afterRespondentSelection | A termination after respondent selection but before respondent has given aresponse other than Don’t know/Not sure or Refused to one or more questions inthe core. The refusals can come from anyadult in the household and the initial refusal could have come before respondent selection. | Give final disposition after second refusal or when a first-time refusal will not be called asecond time because of an irate respondent. On the fifteenth or subsequent call attempt,give final disposition even if there is only oneoccurrence of a refusal. |
| 230 | SelectedRespondent Not Reached during Interview Period | Selected respondent was never spokento or was spoken to and asked to be called again later one or more times. Includes instances where the selected respondent was away from residence for part of the interviewing period. | Give final disposition only after at least 5 calling occasions (each consisting of no morethan 3 attempts at least one hour apart) for aminimum total of 15 attempts, and the 15 or more call attempts consist of at least 3 weekday, 3 weeknight, and 3 weekend calls. |
| 240 | SelectedRespondent Away during Entire Interview Period | Selected respondent is expected to beaway from residence during the entire interviewing period, for example, because of travel or a hospital stay. | Give final disposition when informed of absence. |
| 250 | LanguageProblem after Respondent Selection | After respondent selection, the selectedor another respondent does not speak English or another language for which an interviewer and translated questionnaire are available well enough to be interviewed. | Give final disposition the first time a selected respondent is contacted who does notadequately speak a language for which aninterviewer and questionnaire are available or the second time such a respondent who cannot answer the screening questions is contacted. |
| 260 | SelectedRespondent Unable to Complete an Interview | The selected respondent has a physicalor mental condition that prevents the completion of an interview and that condition is expected to last through the entire interviewing period. This includes a | Give final disposition (1) the first time a selected respondent is contacted or isdescribed by someone else as unable tocomplete an interview during the interviewing period or (2) the second time a respondent |

Code Description Definition Callback Rules

270 Termination after Number of Adults Recorded

280 Household Contact after Number of Adults Recorded

temporary condition that will last beyond the interviewing period.

Respondent hangs up or terminates call attempt after answering the number of adults question but *before* answering the number of men and number of women questions. This differs from 280 in that the respondent explicitly refuses. Respondent answers the number of adults question and asks to be called again later but the number of men and number of women is never determined. On the surface, this is a postponement that was never re-started but may be an implicit refusal.

who is physically or mentally impaired is contacted.

Give final disposition after second hang-up or termination or when a first-time hang-up or termination will not be called a second time because of an irate respondent.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls.

300 Non-Interview, Eligibility Undetermined

305 Household Members Away from Residence

310 Termination, Housing Unit, Unknown if Eligible

315 Household Contact, Eligibility Undetermined

320 Language Problem before Respondent Selection

325 Impairment before Respondent Selection

330 Termination, Unknown if Household

A house sitter, house cleaner, or other non-member of a household states that all of the household members will be

away from the residence during the entire interviewing period.

A respondent hangs-up or terminates a call attempt before answering the number of adults question. This differs from 315 in that the respondent explicitly refuses.

A respondent verified that the number reaches a private residence and asked to be called again later but the number of adults in the household was never determined. On the surface, this is a postponement that was never re-started but may be an implicit refusal.

A respondent who does not speak English or another language for which an interviewer and translated questionnaire are available well enough to answer the screening questions answers the telephone twice before selection.

A respondent whose physical or mental impairment prevents him or her from completing the screening questions answers the phone twice before respondent selection.

A respondent hangs-up or terminates a call attempt before confirming that the telephone number rings to a private residence.

Give final disposition when informed.

Give final disposition after second hang-up or termination or when a first-time hang-up or termination will not be called a second time because of an irate respondent. If the first occurrence is on the fifteenth or subsequent call attempt, give final disposition.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls.

Give final disposition after second contact with a respondent who does not speak a language for which there is a translated questionnaire

and interviewer available. If the first occurrence is on the fifteenth or subsequent call attempt, give final disposition.

Give final disposition after second contact with a physically or mentally impaired respondent. If the first occurrence is on the fifteenth or subsequent call attempt, give final disposition.

Give final disposition after second termination or when a first-time hang-up or termination will not be called a second time because of an

irate respondent. If the first occurrence is on the fifteenth or subsequent call attempt, give final disposition.

Code Description Definition Callback Rules

332 Contact, Unknown if Household

335 Answering Device, Message Confirms Household

340 Technological Barrier, Message Confirms Household

345 Answering Device, Unsure If Household

350 Technological Barrier, Unsure if Household

355 Number Has Changed Status from Possible Household to Non-Working

A respondent did not verify that the telephone number reaches a private residence but asked to be called again. On the surface, this is a postponement that was never re-started but may be an implicit refusal. This differs from 330 in that the respondent never explicitly refuses.

One or more call attempts reached an answering machine but no person was ever spoken to. The message confirms that the telephone number reaches a private residence by using the words, “home,” “house,” “family,” “residence,” or a family name.

Call attempts reached a call blocking message, a message asking the caller to identify himself or herself, or other automated message, but no person. A message confirms that the telephone number reaches a private residence.

One or more call attempts reached a telephone answering machine but no person. The message leaves open the possibility that the telephone number is reaching a private residence but it does not explicitly state so.

Attempts reached a call blocking message, a message asking the caller to identify himself or herself, or other automated response, but no person. There is no message or a message does not specify if the number is a private residence.

On the second or subsequent call attempt, a telephone number responds with a message indicating that the telephone number called is a non-working number or has been changed and there is at least one relevant previous interim disposition indicating the number was working.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3

weekend calls.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls.

Give final disposition when notified.

360 No Answer Among telephone numbers that no person or device ever answered, half or more of the call attempts resulted in a normal telephone ring that no one answered.

365 Busy Among telephone numbers which no person or device ever answered, more than half of the call attempts resulted in a normal busy signal.

Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 15 call attempts, and (b) the

15 or more call attempts consist of at least 3 weekday, 3 weeknight, and 3 weekend calls. Give final disposition only after (a) at least 5 calling occasions (each consisting of no more than 3 attempts at least 10 minutes apart) for a minimum total of 15 call attempts, and (b) the

Code Description Definition Callback Rules

370 On “Never

Call” List

400 Not Eligible

To be assigned to (those few) telephone numbers that the BRFSS State Coordinator has determined, before calling begins, should not be called.

15 or more call attempts consist of at least 3 weekday calls, 3 weeknight calls, and 3 weekend calls. If possible, contact the telephone company repair service to verify the number is in service.

This disposition should never be assigned to a telephone number with one or more call attempts.

405 Out-of-state The telephone number rings out-of-state. Give final disposition when informed. This code should take priority over other possible final disposition codes.

410 Household, No Eligible Respondent

No one 18 years of age or older uses the telephone. To be assigned when no one in the household is 18 years of age or older or the telephone number is used by a teen under the age of 18 and the parents do not use that phone.

Give final disposition when informed.

420 Not a Household The person answering the phone or an answering machine identifies the telephone number as a business, a group quarters, a vacant or seasonally vacant housing unit, a pager, or a dedicated fax/data line.

Give final disposition when informed.

430 Dedicated Fax/data Line with No Human Contact

435 Cellular

Telephone

A telephone number used only as a fax, data, or modem line.

The telephone number rings to a cell or mobile phone.

Give final disposition only after at least 2 calling occasions for a minimum of 6 attempts with at least one relevant interim disposition code.

Give final disposition when informed by person or electronic message.

440 Fast Busy A telephone number with at least one interim disposition of “Fast Busy” and all other interim dispositions are “No Answer,” “Busy,” “Possible Non-working Number,” or “Circuit Busy.”

Give final disposition only after at least 2 calling occasions (each consisting of no more than 3 attempts at least one hour apart) for a minimum total of 6 call attempts with at least one relevant interim disposition code.

450 Non-working/ Disconnected Number

Usually recognized by a tritone, a recording, a number that consistently

rings to an incorrect number, or a number that cannot be verified by a respondent. This code also includes numbers that are pre-identified as non-working numbers by GENESYS.

Give final disposition when the criteria are met. If 15 call attempts are required, give final disposition only after at least 5 calling occasions for a minimum total of 15 call attempts, and the 15 or more call attempts consist of at least 3 weekday calls, 3

weeknight calls, and 3 weekend calls.

**Table 2. BRFSS Call Dispositions, Frequency Distribution by State for Numbers of Known Eligibility, 2006**

State 110 120 210 220 230 240 250 260 270 280

Total

Eligible 405 410 420 430 435 440 450

Total

Ineligible

AL 3094 203 227 1134 218 69 24 103 43 9 5124 5 63 2965 509 123 309 9958 13932

AK 1953 160 98 307 158 164 33 35 10 4 2922 0 17 2045 439 26 36 9481 12044

AZ 4227 587 281 1464 451 234 179 83 48 4 7558 0 68 4290 1399 295 130 14771 20953

AR 5171 425 462 1765 337 363 29 336 55 2 8945 4 25 4931 1150 359 120 22032 28621

CA 5002 705 305 2714 556 199 1170 271 0 2 10924 0 65 9322 3156 223 333 21714 34813

CO 5798 306 160 988 658 135 30 157 17 2 8251 10 13 7053 1976 178 321 17966 27517

CT 7608 893 499 2286 1340 585 204 171 99 29 13714 0 57 11630 3200 416 615 33302 49220

DE 3911 91 85 1403 655 123 9 105 17 14 6413 0 21 3387 1500 137 303 6318 11666

DC 3679 344 291 1066 616 237 52 70 57 8 6420 0 35 9603 2438 295 691 26047 39109

FL 10081 645 829 1424 1418 523 68 453 143 61 15645 163 96 12887 2607 90 0 36592 52435

GA 6920 789 704 3217 1486 456 89 274 190 14 14139 0 74 13155 3360 1223 1957 42005 61774

HI 6058 506 284 1627 760 1010 353 320 23 4 10945 5 57 7038 1637 189 802 22090 31818

ID 5022 321 340 1570 403 344 28 171 53 2 8254 4 11 5111 1221 258 233 19817 26655

IL 5088 92 221 2502 873 35 70 135 51 7 9074 2 19 6028 1704 225 199 19179 27356

IN 6090 452 557 2170 504 608 32 284 47 4 10748 8 27 6739 1460 448 430 25158 34270

IA 4996 441 129 1175 324 375 44 176 24 1 7685 4 7 3478 804 90 240 16258 20881

KS 8083 221 143 1643 502 260 25 123 34 1 11035 8 23 6256 1166 1078 416 22761 31708

KY 5292 882 168 1444 23 787 8 80 26 0 8710 2 41 6389 1118 1549 574 27925 37598

LA 6577 507 518 2897 766 486 44 375 88 8 12266 5 38 8239 1933 186 404 38482 49287

ME 3624 416 162 1401 348 184 7 94 51 4 6291 0 13 3098 731 123 406 11701 16072

MD 8030 878 542 3655 1605 548 107 184 180 25 15754 0 74 12120 3899 532 1804 30103 48532

MA 11241 1485 907 5130 2029 899 537 327 181 21 22757 0 61 14714 3972 662 532 38539 58480

MI 5418 243 134 1600 636 84 43 185 1 0 8344 0 22 5787 1104 103 291 21265 28572

MN 4177 77 17 609 574 102 73 144 1 0 5774 4 8 4178 808 64 136 13911 19109

MS 5816 223 331 1735 820 300 25 362 36 5 9653 1 63 4250 1087 153 240 14740 20534

MO 4994 397 353 991 766 124 28 167 23 5 7848 4 20 4064 973 288 161 16842 22352

MT 5211 848 246 1716 619 330 8 114 59 9 9160 0 36 4248 1101 135 834 20714 27068

NE 7362 605 264 1337 797 183 37 202 21 4 10812 2 24 4768 886 267 811 21751 28509

NV 3247 344 70 722 434 72 12 104 59 15 5079 1 24 3346 1238 82 124 8702 13517

NH 5375 668 215 1843 671 253 24 103 49 5 9206 0 30 5521 1662 154 613 14624 22604

NJ 11864 1587 1182 6256 2581 1007 577 371 310 46 25781 0 215 21596 7699 913 1697 56703 88823

NM 6055 526 399 1282 733 309 44 358 20 1 9727 5 20 4484 1085 101 151 17757 23603

NY 5360 568 726 2226 614 713 180 291 70 5 10753 15 40 11278 2485 400 496 29342 44056

NC 14989 659 507 3942 1171 644 83 591 105 9 22700 5 69 11568 2712 384 772 35222 50732

 ND 4499 281 320 1134 239 326 18 149 15 3 6984 4 15 3530 584 111 272 15815 20331

State 110 120 210 220 230 240 250 260 270 280

Total

Eligible 405 410 420 430 435 440 450

Total

Ineligible

OH 5387 448 438 1764 674 209 36 217 35 1 9209 7 9 6386 1471 163 786 24515 33337

OK 6708 312 292 1305 755 750 22 284 17 3 10448 3 30 4830 1209 148 208 19091 25519

OR 4593 273 97 1142 760 257 39 170 36 10 7377 31 8 5351 1266 122 378 16851 24007

PA 12213 1044 1193 4355 942 1356 129 713 98 3 22046 21 63 18257 4018 598 880 48995 72832

RI 4160 355 298 1231 491 228 119 102 41 4 7029 0 35 3806 1036 167 164 10958 16166

SC 8628 406 412 1288 1120 170 89 330 31 9 12483 3 18 5808 1442 146 335 19785 27537

SD 6345 304 351 1722 238 170 15 124 39 0 9308 3 23 5502 1077 118 355 26948 34026

TN 4078 338 55 914 113 73 9 54 122 0 5756 0 24 5085 1005 297 224 15742 22377

TX 6300 554 525 2402 805 395 302 154 90 10 11537 0 123 7315 2399 508 537 30995 41877

UT 4915 295 164 1007 636 35 48 106 11 3 7220 4 9 3005 950 85 169 11645 15867

VT 6674 342 290 1262 338 462 20 225 23 2 9638 25 22 5492 1130 151 135 16957 23912

VA 5077 376 238 1323 628 415 31 222 37 4 8351 75 5 4558 1063 159 142 14016 20018

WA 22973 787 633 7348 4210 2188 189 1072 186 13 39599 124 65 25096 6372 649 3532 94222 130060

WV 3675 119 97 781 211 112 7 139 13 1 5155 2 8 1753 405 45 41 5037 7291

WI 4154 677 310 1321 476 88 32 84 51 33 7226 4 10 2907 732 128 0 12300 16081

WY 4756 237 217 1190 278 395 15 157 24 0 7269 5 11 4814 943 113 941 14606 21433

PR 4587 100 119 329 467 109 3 196 21 5 5936 1 28 2609 684 103 5300 11109 19834

VI 2940 293 500 547 226 476 85 140 20 0 5227 2 33 5035 1256 2828 688 19832 29674

330075 25635 18905 99606 40053 20959 5484 11957 3101 434 556,209 571 2015 366705 93261 18388 32268 1213191 1726399

 Total

 Median 5,360 416 292 1,444 636 300 37 171 41 4 9,160 3 24 5,492 1,221 167 333 19,785 27,356

**Table 3. BRFSS Call Dispositions, Frequency Distribution by State for Telephone Numbers of Unknown Eligibility, 2006**

State 305 310 315 320 325 330 332 335 340 345 350 355 360 365 370

Total

Unknown

AL 68 2201 309 114 92 1569 100 993 79 67 65 732 619 36 0 7044

AK 59 209 45 28 7 318 127 82 2 250 12 120 633 452 0 2344

AZ 88 2999 496 243 29 1064 94 1393 728 19 5 1533 1824 184 0 10699

AR 102 1248 91 56 154 5083 193 323 2 994 21 275 1541 170 0 10253

CA 66 6126 1715 1124 36 917 557 420 42 2675 863 274 4849 256 0 19920

CO 45 661 226 53 48 2010 431 267 4 1156 66 207 1903 325 0 7402

CT 348 5947 1776 523 149 2838 384 3210 2852 88 158 2412 5497 314 0 26496

DE 1506 1347 15 71 81 1060 17 1154 2 85 0 258 1736 58 0 7390

DC 122 2499 772 289 59 1821 429 1948 441 206 88 940 6621 786 0 17021

FL 475 6439 688 423 888 2714 164 5668 0 3 0 901 6411 644 0 25418

GA 193 8902 1408 618 184 4788 409 4219 1742 102 34 2677 4608 583 0 30467

HI 366 578 594 424 126 2035 687 548 47 2213 139 522 2174 119 5 10577

ID 74 1031 124 55 55 4672 185 377 2 685 22 171 1414 144 0 9011

IL 17 2110 169 156 34 3693 149 460 25 1596 63 316 1935 427 0 11150

IN 136 1721 201 85 107 5069 287 476 1 1195 14 325 1875 310 0 11802

IA 91 644 72 53 53 1972 158 224 10 893 24 96 829 124 0 5243

KS 52 1019 212 27 34 2996 180 492 10 839 151 366 1263 105 1 7747

KY 990 1310 17 54 49 6810 38 517 1 535 0 746 1230 134 0 12431

LA 167 4815 667 81 202 4317 227 1471 153 107 122 660 2554 196 5 15744

ME 105 2358 216 28 61 1674 111 755 22 91 7 334 1637 178 0 7577

MD 289 8490 1497 495 160 5884 642 4026 923 441 210 2151 7341 1025 0 33574

MA 432 10935 1689 1197 337 7121 806 3878 131 214 36 1711 8953 1023 0 38463

MI 34 3673 683 141 118 1595 0 1370 4 479 1 356 2380 280 0 11114

MN 10 474 221 114 29 1792 373 94 1 553 143 123 1017 143 0 5087

MS 108 1218 276 49 76 1608 240 883 22 354 127 697 1386 59 0 7103

MO 44 674 254 72 33 1576 466 191 6 972 41 118 1431 132 0 6010

MT 121 2110 259 17 47 1439 124 984 144 94 18 824 1591 160 0 7932

NE 54 1371 330 21 31 881 50 840 19 56 21 161 966 68 0 4869

NV 57 531 167 74 60 3109 904 113 1 797 24 341 1501 95 0 7774

NH 163 4162 671 75 65 2454 239 1843 37 138 6 615 2847 235 0 13550

NJ 882 15105 2848 1338 259 9804 1066 6323 779 549 133 2737 16346 1616 1 59786

NM 101 790 140 25 100 1707 232 168 20 839 91 231 1411 129 0 5984

NY 293 2266 330 690 191 8079 622 802 4 2587 56 482 3918 434 0 20754

NC 199 4761 742 67 62 4213 206 2625 29 684 59 973 2538 40 2 17200

ND 59 668 61 20 76 2220 94 168 2 407 10 128 758 54 0 4725

OH 80 2302 622 88 117 2888 252 1854 5 577 47 584 1401 97 1 10915

OK 52 803 208 10 3 1816 264 302 37 735 828 186 1717 154 0 7115

Total State 305 310 315 320 325 330 332 335 340 345 350 355 360 365 370 Unknown OR 122 1798 727 77 69 2238 118 1228 1 721 9 322 1270 146 0 8846

PA 371 3581 374 343 361 12361 662 1090 7 3613 73 743 6616 803 0 30998

RI 115 2222 414 230 68 1544 157 1006 20 139 8 439 1495 118 0 7975

SC 60 1318 511 147 25 1656 363 1128 13 1000 23 339 1908 149 0 8640

SD 63 1707 64 39 21 3558 33 688 54 477 145 200 1140 47 0 8236

TN 17 1295 34 77 51 5240 18 368 8 987 31 206 1395 112 187 10026

TX 140 5536 978 415 63 2189 244 2810 710 54 7 3398 3665 267 0 20476

UT 3 473 85 40 6 867 84 304 9 484 6 114 944 96 0 3515

VT 141 988 171 37 67 2842 212 742 3 1211 14 157 1909 76 0 8570

VA 249 971 298 47 54 2265 345 712 3 921 5 193 1754 181 4 8002

WA 919 10717 4246 467 400 11609 669 5970 237 4315 1013 2617 6824 652 0 50655

WV 28 515 43 10 15 1168 31 221 13 237 31 88 597 66 1 3064

WI 11 492 53 87 19 1986 160 9 6 871 2 129 994 104 0 4923

WY 97 897 102 27 51 2534 123 356 0 648 12 233 1174 53 0 6307

PR 20 136 64 2 7 231 115 27 10 163 14 108 1406 7 0 2310

VI 140 316 81 108 44 922 163 113 0 545 33 255 1329 110 0 4159

10544 147459 29056 11151 5533 168816 15004 68233 9423 40661 5131 35824 143075 14276 207 704393

 Total

 Median 102 1,707 276 77 62 2,238 212 755 13 553 31 339 1,717 149 0 8,846

 **Table 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes, 2006**

Total

Total

Total

 COIN TERE KNHH LIHH AMUR INHH NCUS BUNR NOSN Elig HH Eligible EUHH Unknown Ineligible HH TOTAL AL 3,361 1,297 4,037 2,686 132 63 655 2,965 10,904 1,827 5,124 6,389 7,044 13,932 11,444 26,100

AK 2,140 378 799 602 262 17 1,085 2,045 9,982 809 2,922 1,259 2,344 12,044 3,936 17,310

AZ 4,886 1,673 5,975 3,691 24 68 2,008 4,290 16,595 2,744 7,558 8,691 10,699 20,953 16,293 39,210

AR 5,697 2,126 2,886 5,763 1,015 25 1,711 4,931 23,665 3,349 8,945 8,542 10,253 28,621 16,497 47,819

CA 5,785 2,941 10,525 2,950 3,538 65 5,105 9,322 25,426 5,217 10,924 14,815 19,920 34,813 22,266 65,657

CO 6,146 1,106 2,198 2,753 1,222 13 2,228 7,053 20,451 2,147 8,251 5,174 7,402 27,517 12,216 43,170

CT 8,629 2,657 13,709 9,158 246 57 5,811 11,630 37,533 5,213 13,714 20,685 26,496 49,220 34,210 89,430

DE 4,024 1,466 4,945 1,489 85 21 1,794 3,387 8,258 2,411 6,413 5,596 7,390 11,666 11,945 25,469

DC 4,098 1,282 6,381 3,979 294 35 7,407 9,603 29,471 2,397 6,420 9,614 17,021 39,109 15,775 62,550

FL 11,005 1,974 15,936 5,090 3 96 7,055 12,887 39,452 4,919 15,645 18,363 25,418 52,435 34,101 93,498

GA 7,890 3,740 17,231 10,418 136 74 5,191 13,155 48,545 6,430 14,139 25,276 30,467 61,774 39,353 106,380

HI 6,637 1,838 4,556 3,846 2,352 57 2,293 7,038 24,723 4,381 10,945 8,284 10,577 31,818 16,934 53,340

ID 5,434 1,819 2,607 5,140 707 11 1,558 5,111 21,533 2,911 8,254 7,453 9,011 26,655 15,011 43,920

IL 5,231 2,672 3,927 4,373 1,659 19 2,362 6,028 21,309 3,894 9,074 8,788 11,150 27,356 16,222 47,580

IN 6,678 2,591 4,013 5,874 1,209 27 2,185 6,739 27,504 4,206 10,748 9,617 11,802 34,270 19,183 56,820

IA 5,465 1,276 1,975 2,342 917 7 953 3,478 17,396 2,248 7,685 4,290 5,243 20,881 11,065 33,809

KS 8,339 1,751 2,720 3,614 990 23 1,368 6,256 25,429 2,731 11,035 6,379 7,747 31,708 16,447 50,490

KY 6,200 1,586 3,758 7,698 535 41 1,364 6,389 31,168 2,536 8,710 11,067 12,431 37,598 19,283 58,739

LA 7,246 3,253 8,887 5,645 229 38 2,750 8,239 41,010 5,182 12,266 12,994 15,744 49,287 25,069 77,297

ME 4,082 1,521 4,122 2,230 98 13 1,815 3,098 12,961 2,251 6,291 5,762 7,577 16,072 11,968 29,940

MD 9,047 4,058 16,951 10,255 651 74 8,366 12,120 36,338 6,846 15,754 25,208 33,574 48,532 40,385 97,860

MA 12,959 5,804 20,928 11,303 250 61 9,976 14,714 43,705 10,031 22,757 28,487 38,463 58,480 51,055 119,700

MI 5,684 1,711 6,709 2,214 480 22 2,660 5,787 22,763 2,683 8,344 8,454 11,114 28,572 16,340 48,030

MN 4,258 622 1,693 2,432 696 8 1,160 4,178 14,923 1,520 5,774 3,927 5,087 19,109 9,013 29,970

MS 6,128 1,977 4,033 2,692 481 63 1,445 4,250 16,221 3,614 9,653 5,658 7,103 20,534 14,893 37,290

MO 5,506 1,229 2,276 2,271 1,013 20 1,563 4,064 18,268 2,457 7,848 4,447 6,010 22,352 11,302 36,210

MT 6,122 1,899 4,613 2,595 112 36 1,751 4,248 22,784 3,101 9,160 6,181 7,932 27,068 15,265 44,160

NE 8,025 1,543 3,839 1,163 77 24 1,034 4,768 23,717 2,845 10,812 3,835 4,869 28,509 14,594 44,190

NV 3,609 774 1,564 4,489 821 24 1,596 3,346 10,147 1,488 5,079 6,178 7,774 13,517 10,460 26,370

NH 6,098 2,003 7,944 3,485 144 30 3,082 5,521 17,053 3,163 9,206 10,468 13,550 22,604 19,560 45,360

NJ 13,755 7,134 30,050 15,984 682 215 17,962 21,596 67,012 12,330 25,781 41,824 59,786 88,823 67,138 174,390

NM 6,668 1,594 2,664 2,315 930 20 1,540 4,484 19,099 3,146 9,727 4,444 5,984 23,603 13,261 39,314

NY 6,080 2,800 5,564 10,068 2,643 40 4,352 11,278 32,738 4,825 10,753 16,402 20,754 44,056 24,552 75,563

NC 15,803 4,294 10,930 5,552 743 69 2,578 11,568 39,095 7,052 22,700 14,622 17,200 50,732 36,648 90,632

ND 4,848 1,386 1,706 2,540 417 15 812 3,530 16,786 2,204 6,984 3,913 4,725 20,331 10,495 32,040

OH 5,961 2,076 6,030 3,935 624 9 1,498 6,386 26,942 3,374 9,209 9,417 10,915 33,337 18,011 53,461

 OK 7,101 1,516 3,196 2,316 1,563 30 1,871 4,830 20,659 3,428 10,448 5,244 7,115 25,519 14,159 43,082

 **Table 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes, 2006**

Total

Total

Total

 COIN TERE KNHH LIHH AMUR INHH NCUS BUNR NOSN Elig HH Eligible EUHH Unknown Ineligible HH TOTAL OR 4,891 1,214 5,147 2,825 730 8 1,416 5,351 18,648 2,511 7,377 7,430 8,846 24,007 14,085 40,230

PA 13,514 5,291 8,657 14,477 3,686 63 7,419 18,257 54,512 8,789 22,046 23,579 30,998 72,832 42,002 125,876

RI 4,592 1,452 4,742 2,458 147 35 1,613 3,806 12,325 2,514 7,029 6,362 7,975 16,166 13,279 31,170

SC 9,152 1,582 4,766 2,543 1,023 18 2,057 5,808 21,711 3,449 12,483 6,583 8,640 27,537 18,061 48,660

SD 6,747 1,975 3,108 3,905 622 23 1,187 5,502 28,501 2,659 9,308 7,049 8,236 34,026 15,758 51,570

TN 4,430 955 2,085 5,787 1,018 24 1,507 5,085 17,268 1,340 5,756 8,519 10,026 22,377 13,281 38,159

TX 6,989 2,792 11,220 7,019 61 123 3,932 7,315 34,439 4,683 11,537 16,544 20,476 41,877 28,143 73,890

UT 5,276 1,105 1,704 1,120 490 9 1,040 3,005 12,853 2,010 7,220 2,475 3,515 15,867 9,214 26,602

VT 7,095 1,473 3,112 3,318 1,225 22 1,985 5,492 18,398 2,622 9,638 6,585 8,570 23,912 15,020 42,120

VA 5,484 1,530 3,567 2,911 926 5 1,935 4,558 15,455 2,898 8,351 6,067 8,002 20,018 13,497 36,371

WA 23,923 7,818 29,710 15,999 5,328 65 7,476 25,096 104,899 15,839 39,599 43,179 50,655 130,060 77,515 220,314

WV 3,822 850 1,290 1,326 268 8 663 1,753 5,530 1,361 5,155 2,401 3,064 7,291 7,296 15,510

WI 4,865 1,597 1,329 2,387 873 10 1,098 2,907 13,164 2,395 7,226 3,825 4,923 16,081 10,188 28,230

WY 5,046 1,354 2,321 2,968 660 11 1,227 4,814 16,608 2,276 7,269 5,080 6,307 21,433 11,700 35,009

PR 4,748 387 1,048 473 177 28 1,413 2,609 17,197 1,249 5,936 897 2,310 19,834 6,684 28,080

 VI 3,339 941 1,597 1,492 578 33 1,439 5,035 24,606 1,994 5,227 2,720 4,159 29,674 7,402 39,060

Total 360,538 113,683 337,280 245,958 45,792 2,015 157,351 366,705 1,357,679 200,499 556,209 547,042 704,393 1,726,399 1,059,474 2,987,001

 Median 6080 1673 4037 3485 660 24 1815 5492 21533 2898 9160 7430 8846 27356 15758 44190

AL 12.88 4.97 15.47 10.29 0.51 0.24 2.51 11.36 41.78 7.00 19.63 24.48 26.99 53.38 43.85 21,733

AK 12.36 2.18 4.62 3.48 1.51 0.10 6.27 11.81 57.67 4.67 16.88 7.27 13.54 69.58 22.74 19,860

AZ 12.46 4.27 15.24 9.41 0.06 0.17 5.12 10.94 42.32 7.00 19.28 22.17 27.29 53.44 41.55 35,550

AR 11.91 4.45 6.04 12.05 2.12 0.05 3.58 10.31 49.49 7.00 18.71 17.86 21.44 59.85 34.50 38,670

CA 8.81 4.48 16.03 4.49 5.39 0.10 7.78 14.20 38.73 7.95 16.64 22.56 30.34 53.02 33.91 59,677

CO 14.24 2.56 5.09 6.38 2.83 0.03 5.16 16.34 47.37 4.97 19.11 11.99 17.15 63.74 28.30 39,511

CT 9.65 2.97 15.33 10.24 0.28 0.06 6.50 13.00 41.97 5.83 15.33 23.13 29.63 55.04 38.25 49,170

DE 15.80 5.76 19.42 5.85 0.33 0.08 7.04 13.30 32.42 9.47 25.18 21.97 29.02 45.80 46.90 24,120

DC 6.55 2.05 10.20 6.36 0.47 0.06 11.84 15.35 47.12 3.83 10.26 15.37 27.21 62.52 25.22 56,370

FL 11.77 2.11 17.04 5.44 0.00 0.10 7.55 13.78 42.20 5.26 16.73 19.64 27.19 56.08 36.47 67,448

GA 7.42 3.52 16.20 9.79 0.13 0.07 4.88 12.37 45.63 6.04 13.29 23.76 28.64 58.07 36.99 57,720

HI 12.44 3.45 8.54 7.21 4.41 0.11 4.30 13.19 46.35 8.21 20.52 15.53 19.83 59.65 31.75 51,150

ID 12.37 4.14 5.94 11.70 1.61 0.03 3.55 11.64 49.03 6.63 18.79 16.97 20.52 60.69 34.18 45,012

IL 10.99 5.62 8.25 9.19 3.49 0.04 4.96 12.67 44.79 8.18 19.07 18.47 23.43 57.49 34.09 44,640

IN 11.75 4.56 7.06 10.34 2.13 0.05 3.85 11.86 48.41 7.40 18.92 16.93 20.77 60.31 33.76 46,230

IA 16.16 3.77 5.84 6.93 2.71 0.02 2.82 10.29 51.45 6.65 22.73 12.69 15.51 61.76 32.73 28,530

KS 16.52 3.47 5.39 7.16 1.96 0.05 2.71 12.39 50.36 5.41 21.86 12.63 15.34 62.80 32.57 48,960

KY 10.56 2.70 6.40 13.11 0.91 0.07 2.32 10.88 53.06 4.32 14.83 18.84 21.16 64.01 32.83 52,290

LA 9.37 4.21 11.50 7.30 0.30 0.05 3.56 10.66 53.06 6.70 15.87 16.81 20.37 63.76 32.43 27,311

ME 13.63 5.08 13.77 7.45 0.33 0.04 6.06 10.35 43.29 7.52 21.01 19.25 25.31 53.68 39.97 27,510

MD 9.25 4.15 17.32 10.48 0.67 0.08 8.55 12.39 37.13 7.00 16.10 25.76 34.31 49.59 41.27 94,530

MA 10.83 4.85 17.48 9.44 0.21 0.05 8.33 12.29 36.51 8.38 19.01 23.80 32.13 48.86 42.65 88,230

MI 11.83 3.56 13.97 4.61 1.00 0.05 5.54 12.05 47.39 5.59 17.37 17.60 23.14 59.49 34.02 97,350

MN 14.21 2.07 5.65 8.11 2.32 0.03 3.87 13.94 49.79 5.07 19.27 13.10 16.97 63.76 30.07 19,110

MS 16.43 5.30 10.82 7.22 1.29 0.17 3.88 11.40 43.50 9.69 25.89 15.17 19.05 55.07 39.94 27,450

MO 15.21 3.39 6.29 6.27 2.80 0.06 4.32 11.22 50.45 6.79 21.67 12.28 16.60 61.73 31.21 31,320

MT 13.86 4.30 10.45 5.88 0.25 0.08 3.97 9.62 51.59 7.02 20.74 14.00 17.96 61.30 34.57 37,800

NE 18.16 3.49 8.69 2.63 0.17 0.05 2.34 10.79 53.67 6.44 24.47 8.68 11.02 64.51 33.03 43,920

NV 13.69 2.94 5.93 17.02 3.11 0.09 6.05 12.69 38.48 5.64 19.26 23.43 29.48 51.26 39.67 23,040

NH 13.44 4.42 17.51 7.68 0.32 0.07 6.79 12.17 37.59 6.97 20.30 23.08 29.87 49.83 43.12 46,080

NJ 7.89 4.09 17.23 9.17 0.39 0.12 10.30 12.38 38.43 7.07 14.78 23.98 34.28 50.93 38.50 172,260

NM 16.96 4.05 6.78 5.89 2.37 0.05 3.92 11.41 48.58 8.00 24.74 11.30 15.22 60.04 33.73 31,230

NY 8.05 3.71 7.36 13.32 3.50 0.05 5.76 14.93 43.33 6.39 14.23 21.71 27.47 58.30 32.49 93,419

NC 17.44 4.74 12.06 6.13 0.82 0.08 2.84 12.76 43.14 7.78 25.05 16.13 18.98 55.98 40.44 93,198

ND 15.13 4.33 5.32 7.93 1.30 0.05 2.53 11.02 52.39 6.88 21.80 12.21 14.75 63.46 32.76 27,390

OH 11.15 3.88 11.28 7.36 1.17 0.02 2.80 11.95 50.40 6.31 17.23 17.61 20.42 62.36 33.69 60,610

OK 16.48 3.52 7.42 5.38 3.63 0.07 4.34 11.21 47.95 7.96 24.25 12.17 16.52 59.23 32.87 71,633

OR 12.16 3.02 12.79 7.02 1.81 0.02 3.52 13.30 46.35 6.24 18.34 18.47 21.99 59.67 35.01 90,660

PA 10.74 4.20 6.88 11.50 2.93 0.05 5.89 14.50 43.31 6.98 17.51 18.73 24.63 57.86 33.37 122,968

RI 14.73 4.66 15.21 7.89 0.47 0.11 5.17 12.21 39.54 8.07 22.55 20.41 25.59 51.86 42.60 34,680

SC 18.81 3.25 9.79 5.23 2.10 0.04 4.23 11.94 44.62 7.09 25.65 13.53 17.76 56.59 37.12 40,500

SD 13.08 3.83 6.03 7.57 1.21 0.04 2.30 10.67 55.27 5.16 18.05 13.67 15.97 65.98 30.56 43,560

TN 11.61 2.50 5.46 15.17 2.67 0.06 3.95 13.33 45.25 3.51 15.08 22.33 26.27 58.64 34.80 38,831

TX 9.46 3.78 15.18 9.50 0.08 0.17 5.32 9.90 46.61 6.34 15.61 22.39 27.71 56.67 38.09 65,670

UT 19.83 4.15 6.41 4.21 1.84 0.03 3.91 11.30 48.32 7.56 27.14 9.30 13.21 59.65 34.64 24,750

VT 16.84 3.50 7.39 7.88 2.91 0.05 4.71 13.04 43.68 6.23 22.88 15.63 20.35 56.77 35.66 46,109

VA 15.08 4.21 9.81 8.00 2.55 0.01 5.32 12.53 42.49 7.97 22.96 16.68 22.00 55.04 37.11 34,560

WA 10.86 3.55 13.49 7.26 2.42 0.03 3.39 11.39 47.61 7.19 17.97 19.60 22.99 59.03 35.18 194,850

WV 24.64 5.48 8.32 8.55 1.73 0.05 4.27 11.30 35.65 8.77 33.24 15.48 19.75 47.01 47.04 13,740

WI 17.23 5.66 4.71 8.46 3.09 0.04 3.89 10.30 46.63 8.48 25.60 13.55 17.44 56.96 36.09 26,640

WY 14.41 3.87 6.63 8.48 1.89 0.03 3.50 13.75 47.44 6.50 20.76 14.51 18.02 61.22 33.42 33,450

PR 16.91 1.38 3.73 1.68 0.63 0.10 5.03 9.29 61.24 4.45 21.14 3.19 8.23 70.63 23.80 24,630

VI 8.55 2.41 4.09 3.82 1.48 0.08 3.68 12.89 63.00 5.10 13.38 6.96 10.65 75.97 18.95 31,830

Total 12.07 3.81 11.29 8.23 1.53 0.07 5.27 12.28 45.45 6.71 18.62 18.31 23.58 57.80 35.47 2,767,460

Median 13.76 3.79 9.14 7.89 1.49 0.05 4.11 12.43 48.73 6.56 20.73 16.81 20.02 61.91 35.66 43,920

Minimum 6.55 2.05 4.62 2.63 0.00 0.01 2.30 9.62 32.42 3.51 10.26 7.27 11.02 45.80 22.74 13,740

 Maximum 24.64 5.76 19.42 17.02 5.39 0.24 11.84 16.34 57.67 9.69 33.24 25.76 34.31 69.58 47.04 194,850

**State Name**

**Resolution**

**Rate**

**%**

**Screening Completion Rate**

**Interview Completion Rate**

**Cooperation**

**Rate**

**%**

**Refusal Rate**

**%**

**Overall Response Rate**

**Response**

**Rate**

**%**

**% % %**

Alabama 86.7 53.9 72.2 70.2 18.5 30.0 47.9

Alaska 88.7 76.0 85.0 82.8 11.2 55.5 63.3

Arizona 85.4 52.6 74.5 71.6 16.1 30.6 47.0

Arkansas 82.2 73.1 72.8 69.6 18.7 35.2 50.0

California 82.3 45.5 66.3 56.9 18.8 26.5 36.9

Colorado 85.6 76.8 84.7 82.6 11.1 51.3 61.7

Connecticut 83.0 45.3 76.5 74.0 13.6 25.7 44.3

Delaware 86.8 52.7 73.3 71.8 16.2 34.4 44.5

District of Columbia 81.3 45.9 76.2 74.5 14.5 26.5 46.5

Florida 87.0 45.1 84.8 81.5 9.2 32.9 51.2

Georgia 85.2 40.4 67.8 65.8 18.9 20.5 39.8

Hawaii 84.1 65.2 78.3 72.6 13.5 40.0 48.6

Idaho 83.1 73.6 74.9 72.9 17.5 36.9 52.3

Illinois 82.4 66.9 66.2 64.5 22.5 32.9 44.1

Indiana 83.7 69.8 72.0 69.7 19.1 35.5 49.2

Iowa 87.5 77.4 81.1 78.5 14.0 50.4 60.1

Kansas 88.2 78.8 82.6 81.5 13.4 51.7 64.0

Kentucky 83.7 67.6 79.6 78.7 14.4 32.8 56.1

Louisiana 88.8 54.2 69.0 66.4 21.1 29.5 47.0

Maine 86.2 57.7 72.8 71.6 18.1 34.8 48.5

Maryland 80.3 43.7 69.0 67.5 16.9 22.9 37.7

Massachusetts 82.0 47.4 69.1 66.0 17.3 25.9 38.6

Michigan 88.9 52.5 76.9 74.6 15.8 35.5 52.4

Minnesota 85.7 74.3 87.3 83.5 8.9 48.2 61.2

Mississippi 87.6 66.9 75.6 72.2 16.6 42.0 51.4

Missouri 86.6 74.8 81.8 79.5 13.1 49.7 58.5

Montana 89.9 63.6 76.3 75.2 17.0 40.9 54.8

Nebraska 94.9 71.4 83.9 81.8 12.7 56.1 66.0

Nevada 73.8 73.8 82.3 80.2 10.7 35.2 50.1

New Hampshire 85.2 50.6 75.3 74.1 15.3 31.8 46.5

New Jersey 80.1 41.3 65.8 63.0 18.2 20.9 35.1

New Mexico 87.8 75.7 80.7 77.0 13.9 51.3 58.1

New York 77.4 61.6 68.5 65.0 18.9 25.3 41.0

North Carolina 90.2 64.9 78.6 76.1 15.3 44.0 56.4

North Dakota 88.2 78.6 77.8 75.7 16.9 47.1 59.2

Ohio 88.7 57.2 74.2 71.9 17.9 33.8 51.5

Oklahoma 86.7 73.0 82.4 79.6 12.1 51.2 56.7

**State Name**

**Resolution**

**Rate**

**%**

**Screening Completion Rate**

**Interview Completion Rate**

**Cooperation**

**Rate**

**%**

**Refusal Rate**

**%**

**Overall Response Rate**

**Response**

**Rate**

**%**

 **% % %**

Oregon 87.6 54.3 80.1 77.5 12.8 35.4 51.7

Pennsylvania 79.7 68.5 71.9 68.8 18.1 32.8 46.2

Rhode Island 86.5 56.2 76.0 73.3 15.4 35.3 48.6

South Carolina 88.4 69.3 85.3 82.1 10.4 51.7 60.3

South Dakota 88.9 73.8 77.4 76.1 17.8 43.7 60.9

Tennessee 78.2 72.2 82.3 81.3 12.2 34.0 56.7

Texas 85.1 46.9 71.5 68.3 17.5 25.3 43.8

Utah 90.0 78.9 82.7 80.7 13.3 58.4 63.4

Vermont 84.5 73.4 82.8 80.5 12.2 48.2 58.6

Virginia 84.1 66.3 78.2 75.5 14.3 41.5 51.2

Washington 86.9 51.7 75.4 72.5 15.2 31.5 46.5

West Virginia 85.4 78.4 81.8 79.3 13.2 53.5 59.5

Wisconsin 84.6 83.0 75.3 74.0 18.2 48.7 55.6

Wyoming 86.1 73.4 78.8 76.8 15.3 44.0 56.9

Puerto Rico 92.7 83.1 92.5 89.0 6.0 72.5 73.4

 Virgin Islands 91.0 73.0 78.0 74.1 16.1 46.0 57.1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Median | 85.7 | 66.9 | 76.5 | 74.5 | 15.3 | 35.4 | 51.4 |
| Minimum | 73.8 | 40.4 | 65.8 | 56.9 | 8.9 | 20.5 | 35.1 |

 Maximum 94.9 83.0 87.3 83.5 22.5 58.4 66.0

Alabama 64.22 52.34 11.88

Alaska 55.92 48.31 7.61

Arizona 60.25 50.45 9.80

Arkansas 60.66 51.68 8.98

California 58.15 50.57 7.58

Colorado 56.63 49.88 6.75

Connecticut 59.65 52.25 7.40

Delaware 61.22 52.11 9.11

District of Columbia 60.62 53.44 7.18

Florida 60.91 51.64 9.27

Georgia 61.62 51.15 10.47

Hawaii 56.56 50.62 5.94

Idaho 59.24 50.23 9.01

Illinois 60.67 51.56 9.11

Indiana 61.38 51.48 9.90

Iowa 57.72 51.36 6.36

Kansas 59.61 50.96 8.65

Kentucky 65.22 51.64 13.58

Louisiana 64.77 52.26 12.51

Maine 59.44 51.84 7.60

Maryland 60.74 52.45 8.29

Massachusetts 60.32 52.4 7.92

Michigan 62.22 51.54 10.68

Minnesota 58.31 50.91 7.40

Mississippi 64.31 52.28 12.03

Missouri 59.02 51.88 7.14

Montana 57.70 50.6 7.10

Nebraska 58.84 51.12 7.72

Nevada 52.97 49.35 3.62

New Hampshire 59.74 51.31 8.43

New Jersey 60.13 52.06 8.07

New Mexico 60.79 51.37 9.42

New York 61.32 52.43 8.89

North Carolina 61.56 51.43 10.13

North Dakota 58.47 50.53 7.94

Ohio 59.63 52.07 7.56

Oklahoma 61.53 51.21 10.32

Oregon 60.02 50.77 9.25

Pennsylvania 60.95 52.3 8.65

Rhode Island 61.24 52.55 8.69

South Carolina 59.58 52.04 7.54

South Dakota 59.71 50.78 8.93

Tennessee 64.36 51.82 12.54

Texas 62.47 50.68 11.79

Utah 55.69 50.33 5.36

Vermont 58.66 51.45 7.21

Virginia 59.19 51.37 7.82

Washington 60.47 50.6 9.87

West Virginia 58.46 51.71 6.75

Wisconsin 58.28 51.03 7.25

Wyoming 57.98 50.05 7.93

Puerto Rico 61.79 53.06 8.73

Virgin Islands 61.62 53.26 8.36

Median 60.13 51.45 8.43

Mean 60.05 51.41 8.64

Standard Deviation 2.31 0.95 1.87

 Range 12.25 5.13 9.96

 **Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2006**\*

 State BRFSS Percent Population Percent Difference Alabama 74.65 71.43 3.22

Alaska 71.79 69.42 2.37

Arizona 73.71 64.66 9.05

Arkansas 82.98 79.60 3.38

California 54.47 47.00 7.47

Colorado 79.27 74.35 4.92

Connecticut 84.72 77.12 7.60

Delaware 79.45 71.99 7.46

District of Columbia 45.83 34.44 11.39

Florida 70.82 64.69 6.13

Georgia 74.31 61.90 12.41

Hawaii 28.04 25.27 2.77

Idaho 89.65 88.38 1.27

Illinois 78.04 68.37 9.67

Indiana 87.39 85.94 1.45

Iowa 94.43 92.93 1.50

Kansas 87.48 83.59 3.89

Kentucky 92.12 89.63 2.49

Louisiana 71.34 64.10 7.24

Maine 96.68 96.86 -0.18

Maryland 73.75 61.09 12.66

Massachusetts 86.55 81.33 5.22

Michigan 85.54 79.68 5.86

Minnesota 91.86 88.31 3.55

Mississippi 66.84 62.66 4.18

Missouri 86.66 84.61 2.05

Montana 91.41 90.89 0.52

Nebraska 90.06 87.32 2.74

Nevada 64.43 63.28 1.15

New Hampshire 96.01 94.66 1.35

New Jersey 75.02 64.59 10.43

New Mexico 52.80 46.72 6.08

New York 75.01 62.42 12.59

North Carolina 72.56 70.43 2.13

North Dakota 93.87 92.62 1.25

Ohio 87.60 84.75 2.85

Oklahoma 74.90 75.32 -0.42

Oregon 88.03 83.55 4.48

Pennsylvania 89.13 84.37 4.76

Rhode Island 86.64 81.65 4.99

South Carolina 74.79 67.77 7.02

South Dakota 92.34 89.54 2.80

Tennessee 85.41 79.79 5.62

 **Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2006**\*

 State BRFSS Percent Population Percent Difference Texas 63.75 52.28 11.47

Utah 86.99 84.35 2.64

Vermont 95.41 96.60 -1.19

Virginia 77.69 70.03 7.66

Washington 84.88 78.92 5.96

West Virginia 93.95 95.24 -1.29

Wisconsin 92.12 88.30 3.82

Wyoming 89.89 89.84 0.05

Median 84.88 79.60 3.89

Mean 80.06 75.38 4.68

Standard Deviation 13.62 15.60 3.66

 Range 68.64 71.59 13.95

\*Puerto Rico and Virgin Islands are excluded.

**Table 9. Percentage of People Aged 18–24 in BRFSS and Population Data by State, 2006**

State BRFSS Percent Population Percent Difference

Alabama 4.31 13.37 -9.06

Alaska 10.13 15.01 -4.88

Arizona 5.74 13.44 -7.70

Arkansas 5.79 13.50 -7.71

California 8.22 13.62 -5.40

Colorado 6.69 13.22 -6.53

Connecticut 5.26 11.85 -6.59

Delaware 8.56 12.84 -4.28

District of Columbia 6.70 13.09 -6.39

Florida 5.26 11.69 -6.43

Georgia 6.10 13.95 -7.85

Hawaii 8.17 12.67 -4.50

Idaho 8.41 15.23 -6.82

Illinois 6.52 13.37 -6.85

Indiana 6.23 13.94 -7.71

Iowa 5.67 14.18 -8.51

Kansas 5.25 14.84 -9.59

Kentucky 4.76 13.12 -8.36

Louisiana 7.26 14.66 -7.40

Maine 6.31 11.95 -5.64

Maryland 6.08 12.47 -6.39

Massachusetts 5.18 12.27 -7.09

Michigan 7.19 13.42 -6.23

Minnesota 5.38 13.62 -8.24

Mississippi 6.21 15.14 -8.93

Missouri 6.48 13.45 -6.97

Montana 5.13 13.85 -8.72

Nebraska 5.20 14.38 -9.18

Nevada 8.88 12.01 -3.13

New Hampshire 4.84 12.48 -7.64

New Jersey 4.53 11.50 -6.97

New Mexico 6.81 14.17 -7.36

New York 5.76 12.43 -6.67

North Carolina 5.54 13.17 -7.63

North Dakota 6.52 15.76 -9.24

Ohio 5.70 13.00 -7.30

Oklahoma 7.49 14.16 -6.67

Oregon 6.74 12.62 -5.88

Pennsylvania 5.88 12.53 -6.65

Rhode Island 5.07 13.60 -8.53

South Carolina 5.55 13.53 -7.98

South Dakota 5.24 14.97 -9.73

Tennessee 5.26 12.57 -7.31

Texas 5.02 14.78 -9.76

Utah 8.39 19.99 -11.60

Vermont 4.73 12.80 -8.07

Virginia 5.64 13.36 -7.72

Washington 7.03 13.19 -6.16

West Virginia 5.24 12.22 -6.98



|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 6.46 | 13.61 | -7.15 |
| Wyoming | 6.53 | 14.60 | -8.07 |
| Puerto Rico | 9.29 | 14.59 | -5.30 |
| Virgin Islands  | 7.86 | 11.73 | -3.87 |
| Median | 6.08 | 13.42 | -7.30 |
| Mean | 6.31 | 13.54 | -7.23 |
| Standard Deviation | 1.31 | 1.35 | 1.57 |
| Range | 5.82 | 8.49 | 8.47 |

 **Table 10. Percentage of Adults Aged 25–34 in BRFSS and Population Data by State, 2006**

 State BRFSS Percent Population Percent Difference Alabama 12.09 17.05 -4.96

Alaska 18.08 17.39 0.69

Arizona 12.28 19.39 -7.11

Arkansas 12.36 16.99 -4.63

California 15.93 19.50 -3.57

Colorado 15.19 19.97 -4.78

Connecticut 11.20 14.94 -3.74

Delaware 12.18 17.16 -4.98

District of Columbia 17.48 23.69 -6.21

Florida 11.41 15.57 -4.16

Georgia 13.03 20.13 -7.10

Hawaii 13.14 16.61 -3.47

Idaho 15.60 18.03 -2.43

Illinois 14.14 18.23 -4.09

Indiana 14.22 17.18 -2.96

Iowa 12.67 15.68 -3.01

Kansas 12.42 16.78 -4.36

Kentucky 11.26 17.34 -6.08

Louisiana 13.75 18.00 -4.25

Maine 11.67 13.98 -2.31

Maryland 12.75 16.66 -3.91

Massachusetts 11.36 16.95 -5.59

Michigan 10.30 16.61 -6.31

Minnesota 13.40 17.34 -3.94

Mississippi 11.96 17.79 -5.83

Missouri 13.30 16.81 -3.51

Montana 11.66 14.62 -2.96

Nebraska 13.04 16.99 -3.95

Nevada 14.44 19.68 -5.24

New Hampshire 10.95 14.54 -3.59

New Jersey 10.56 16.16 -5.60

New Mexico 13.58 16.98 -3.40

New York 12.49 17.56 -5.07

North Carolina 13.53 18.52 -4.99

North Dakota 12.14 15.38 -3.24

Ohio 11.21 16.51 -5.30

Oklahoma 12.80 17.64 -4.84

Oregon 11.15 17.99 -6.84

Pennsylvania 11.46 15.15 -3.69

Rhode Island 10.70 16.58 -5.88

South Carolina 11.78 17.58 -5.80

South Dakota 11.96 15.89 -3.93

Tennessee 11.51 17.90 -6.39

 **Table 10. Percentage of Adults Aged 25–34 in BRFSS and Population Data by State, 2006**

 State BRFSS Percent Population Percent Difference Texas 15.06 19.86 -4.80

Utah 19.82 22.32 -2.50

Vermont 10.36 14.25 -3.89

Virginia 12.68 17.45 -4.77

Washington 12.97 17.75 -4.78

West Virginia 11.44 15.42 -3.98

Wisconsin 11.77 16.20 -4.43

Wyoming 13.69 15.55 -1.86

Puerto Rico 11.70 19.23 -7.53

Virgin Islands 16.28 18.44 -2.16

Median 12.42 17.16 -4.36

Mean 12.90 17.32 -4.42

Standard Deviation 1.96 1.85 1.50

 Range 9.52 9.71 8.22

**Table 11. Percentage of Adults Aged 35–44 in BRFSS and Population Data by State, 2006**

State BRFSS Percent Population Percent Difference

Alabama 17.99 18.38 -0.39

Alaska 21.92 20.75 1.17

Arizona 16.82 18.82 -2.00

Arkansas 17.07 18.00 -0.93

California 19.83 20.55 -0.72

Colorado 19.91 20.24 -0.33

Connecticut 18.52 20.14 -1.62

Delaware 19.65 19.36 0.29

District of Columbia 19.56 18.61 0.95

Florida 16.83 18.22 -1.39

Georgia 19.64 20.88 -1.24

Hawaii 18.27 18.19 0.08

Idaho 18.04 18.20 -0.16

Illinois 18.41 19.67 -1.26

Indiana 18.73 18.92 -0.19

Iowa 18.30 17.63 0.67

Kansas 18.09 18.24 -0.15

Kentucky 17.43 19.04 -1.61

Louisiana 18.52 18.46 0.06

Maine 18.42 18.69 -0.27

Maryland 18.61 20.61 -2.00

Massachusetts 20.65 20.12 0.53

Michigan 17.76 19.27 -1.51

Minnesota 19.37 19.73 -0.36

Mississippi 17.71 18.25 -0.54

Missouri 17.15 18.64 -1.49

Montana 16.56 16.75 -0.19

Nebraska 19.26 18.05 1.21

Nevada 18.41 20.38 -1.97

New Hampshire 18.53 20.42 -1.89

New Jersey 18.48 20.76 -2.28

New Mexico 17.03 18.06 -1.03

New York 18.32 19.75 -1.43

North Carolina 18.26 19.63 -1.37

North Dakota 16.93 16.52 0.41

Ohio 19.51 18.71 0.80

Oklahoma 16.89 17.75 -0.86

Oregon 16.58 18.26 -1.68

Pennsylvania 17.03 18.22 -1.19

Rhode Island 19.50 18.91 0.59

South Carolina 17.52 18.69 -1.17

South Dakota 16.97 17.38 -0.41

Tennessee 19.68 19.19 0.49

Texas 20.79 20.15 0.64

Utah 18.78 17.81 0.97

Vermont 16.84 18.33 -1.49

Virginia 19.62 19.95 -0.33

Washington 17.50 19.68 -2.18

West Virginia 17.37 17.01 0.36



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| --- | --- | --- | --- |
| Wisconsin | 20.00 | 19.06 | 0.94 |
| Wyoming | 16.06 | 16.90 | -0.84 |
| Puerto Rico | 17.06 | 18.47 | -1.41 |
| Virgin Islands  | 19.90 | 21.19 | -1.29 |
| Median | 18.32 | 18.71 | -0.54 |
| Mean | 18.35 | 18.94 | -0.59 |
| Standard Deviation | 1.26 | 1.13 | 0.98 |
| Range | 5.86 | 4.67 | 3.49 |

**Table 12. Percentage of Adults Aged 45–54 in BRFSS and Population Data by State, 2006**

State BRFSS Percent Population Percent Difference

Alabama 21.24 18.90 2.34

Alaska 22.07 22.97 -0.90

Arizona 19.73 17.34 2.39

Arkansas 20.21 18.18 2.03

California 21.23 18.74 2.49

Colorado 22.85 19.83 3.02

Connecticut 21.73 20.35 1.38

Delaware 21.36 18.93 2.43

District of Columbia 18.35 16.30 2.05

Florida 20.51 18.03 2.48

Georgia 22.29 18.57 3.72

Hawaii 21.36 19.27 2.09

Idaho 20.50 18.89 1.61

Illinois 23.16 19.03 4.13

Indiana 21.54 19.21 2.33

Iowa 21.97 19.26 2.71

Kansas 22.64 19.25 3.39

Kentucky 22.01 19.20 2.81

Louisiana 23.01 19.07 3.94

Maine 24.61 20.90 3.71

Maryland 22.56 20.20 2.36

Massachusetts 22.40 19.34 3.06

Michigan 24.12 19.81 4.31

Minnesota 23.27 19.76 3.51

Mississippi 20.55 18.46 2.09

Missouri 20.19 19.12 1.07

Montana 23.23 21.08 2.15

Nebraska 22.33 19.14 3.19

Nevada 20.60 18.15 2.45

New Hampshire 25.29 21.32 3.97

New Jersey 22.05 19.93 2.12

New Mexico 21.64 19.46 2.18

New York 22.28 18.96 3.32

North Carolina 20.93 18.47 2.46

North Dakota 24.42 19.58 4.84

Ohio 22.22 19.66 2.56

Oklahoma 19.78 18.57 1.21

Oregon 21.40 19.37 2.03

Pennsylvania 22.51 19.58 2.93

Rhode Island 22.90 19.09 3.81

South Carolina 21.79 18.74 3.05

South Dakota 23.16 19.28 3.88

Tennessee 21.75 18.99 2.76

Texas 20.29 18.64 1.65

Utah 21.36 16.38 4.98

Vermont 25.05 21.56 3.49

Virginia 22.75 19.56 3.19

Washington 21.66 19.90 1.76

West Virginia 21.54 19.57 1.97



|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 23.39 | 19.89 | 3.50 |
| Wyoming | 23.15 | 21.28 | 1.87 |
| Puerto Rico | 19.08 | 16.86 | 2.22 |
|  Virgin Islands  | 21.69 | 20.88 | 0.81 |
| Median | 21.97 | 19.25 | 2.48 |
| Mean | 21.96 | 19.30 | 2.66 |
| Standard Deviation | 1.41 | 1.19 | 1.04 |
| Range | 6.94 | 6.67 | 5.88 |

**Table 13. Percentage of Adults Aged 55–64 in BRFSS and Population Data by State, 2006**

State BRFSS Percent Population Percent Difference

Alabama 20.98 14.49 6.49

Alaska 14.97 14.24 0.73

Arizona 18.62 13.35 5.27

Arkansas 19.73 14.57 5.16

California 16.96 12.91 4.05

Colorado 16.52 13.28 3.24

Connecticut 18.38 14.69 3.69

Delaware 17.61 14.24 3.37

District of Columbia 16.85 12.90 3.95

Florida 19.57 14.31 5.26

Georgia 19.05 12.94 6.11

Hawaii 18.32 15.10 3.22

Idaho 18.05 13.86 4.19

Illinois 17.37 13.42 3.95

Indiana 17.80 13.88 3.92

Iowa 17.12 14.02 3.10

Kansas 17.87 13.45 4.42

Kentucky 21.09 14.48 6.61

Louisiana 18.39 13.77 4.62

Maine 18.84 15.76 3.08

Maryland 17.60 14.46 3.14

Massachusetts 17.99 13.89 4.10

Michigan 19.34 14.20 5.14

Minnesota 17.35 13.42 3.93

Mississippi 19.98 13.68 6.30

Missouri 18.78 14.14 4.64

Montana 20.84 15.63 5.21

Nebraska 17.36 13.57 3.79

Nevada 18.15 14.16 3.99

New Hampshire 19.60 15.04 4.56

New Jersey 18.54 14.17 4.37

New Mexico 19.60 14.72 4.88

New York 18.22 14.03 4.19

North Carolina 18.88 13.85 5.03

North Dakota 16.48 13.64 2.84

Ohio 18.60 14.28 4.32

Oklahoma 17.48 14.11 3.37

Oregon 21.63 14.70 6.93

Pennsylvania 19.05 14.49 4.56

Rhode Island 17.99 13.72 4.27

South Carolina 20.20 14.67 5.53

South Dakota 17.08 13.47 3.61

Tennessee 20.41 14.52 5.89

Texas 18.17 12.67 5.50

Utah 14.69 10.91 3.78

Vermont 20.20 16.03 4.17

Virginia 19.85 14.40 5.45

Washington 19.30 14.23 5.07

West Virginia 21.59 15.82 5.77



|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 18.16 | 13.93 | 4.23 |
| Wyoming | 20.04 | 15.45 | 4.59 |
| Puerto Rico | 19.01 | 14.13 | 4.88 |
|  Virgin Islands  | 18.48 | 15.49 | 2.99 |
| Median | 18.48 | 14.16 | 4.32 |
| Mean | 18.58 | 14.14 | 4.44 |
| Standard Deviation | 1.46 | 0.87 | 1.11 |
| Range | 6.94 | 5.12 | 6.20 |

**Table 14. Percentage of Adults Aged 65+ in BRFSS and Population Data by State, 2006**

State BRFSS Percent Population Percent Difference

Alabama 22.54 17.81 4.73

Alaska 11.32 9.63 1.69

Arizona 25.38 17.66 7.72

Arkansas 24.01 18.77 5.24

California 17.82 14.68 3.14

Colorado 17.73 13.45 4.28

Connecticut 23.43 18.03 5.40

Delaware 19.92 17.47 2.45

District of Columbia 18.66 15.40 3.26

Florida 25.33 22.18 3.15

Georgia 18.46 13.53 4.93

Hawaii 19.80 18.16 1.64

Idaho 18.69 15.79 2.90

Illinois 19.98 16.27 3.71

Indiana 20.59 16.87 3.72

Iowa 23.60 19.23 4.37

Kansas 23.13 17.44 5.69

Kentucky 23.09 16.82 6.27

Louisiana 17.93 16.04 1.89

Maine 19.06 18.72 0.34

Maryland 20.54 15.61 4.93

Massachusetts 20.67 17.43 3.24

Michigan 20.85 16.69 4.16

Minnesota 21.23 16.14 5.09

Mississippi 23.17 16.68 6.49

Missouri 23.38 17.85 5.53

Montana 21.46 18.06 3.40

Nebraska 22.26 17.88 4.38

Nevada 19.42 15.62 3.80

New Hampshire 19.45 16.19 3.26

New Jersey 23.83 17.48 6.35

New Mexico 20.79 16.61 4.18

New York 21.16 17.27 3.89

North Carolina 22.13 16.36 5.77

North Dakota 22.55 19.12 3.43

Ohio 22.05 17.84 4.21

Oklahoma 25.16 17.78 7.38

Oregon 22.29 17.07 5.22

Pennsylvania 22.84 20.03 2.81

Rhode Island 22.59 18.10 4.49

South Carolina 22.35 16.80 5.55

South Dakota 24.54 19.00 5.54

Tennessee 20.82 16.82 4.00

Texas 19.40 13.91 5.49

Utah 16.36 12.59 3.77

Vermont 21.92 17.03 4.89

Virginia 18.90 15.29 3.61

Washington 21.44 15.24 6.20

West Virginia 22.41 19.97 2.44



|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 19.37 | 17.30 | 2.07 |
| Wyoming | 19.65 | 16.23 | 3.42 |
| Puerto Rico | 23.47 | 16.71 | 6.76 |
|  Virgin Islands  | 13.59 | 12.27 | 1.32 |
| Median | 21.23 | 16.87 | 4.18 |
| Mean | 20.99 | 16.77 | 4.22 |
| Standard Deviation | 2.70 | 2.06 | 1.56 |
| Range | 14.06 | 12.55 | 7.38 |

**Table 15. Percentage of Respondents with Income Response "Unknown" (77), "Refused" (99), and**

 **Combined, by State, 2006**

State Percent Don't Know/ Not Sure Percent Refused Percent Combined

Alabama 9.52 7.47 16.99

Alaska 6.49 4.25 10.74

Arizona 5.71 9.36 15.07

Arkansas 6.58 6.85 13.43

California 2.81 6.71 9.52

Colorado 5.26 5.99 11.25

Connecticut 6.57 9.36 15.93

Delaware 4.42 10.47 14.89

District of Columbia 6.06 8.85 14.91

Florida 0 14.40 14.40

Georgia 5.98 8.38 14.36

Hawaii 10.74 6.13 16.87

Idaho 5.77 5.79 11.56

Illinois 4.23 7.95 12.18

Indiana 6.65 7.56 14.21

Iowa 6 7.35 13.35

Kansas 6.21 5.51 11.72

Kentucky 8.12 12.26 20.38

Louisiana 9.08 9.38 18.46

Maine 5.56 7.00 12.56

Maryland 5.33 9.71 15.04

Massachusetts 7.73 9.78 17.51

Michigan 7.66 7.72 15.38

Minnesota 4.36 4.91 9.27

Mississippi 8.35 4.77 13.12

Missouri 4.8 6.57 11.37

Montana 6.36 6.85 13.21

Nebraska 6.31 5.92 12.23

Nevada 7.1 6.82 13.92

New Hampshire 5.87 7.88 13.75

New Jersey 6.3 10.75 17.05

New Mexico 6.43 5.63 12.06

New York 6.63 8.18 14.81

North Carolina 7.92 7.37 15.29

North Dakota 6.51 7.22 13.73

Ohio 6.51 5.88 12.39

Oklahoma 7.53 6.06 13.59

Oregon 5.63 6.35 11.98

Pennsylvania 5.85 8.19 14.04

Rhode Island 6.24 9.51 15.75

South Carolina 7.71 6.56 14.27

South Dakota 6.67 6.44 13.11

Tennessee 7.81 8.87 16.68

**Table 15. Percentage of Respondents with Income Response "Unknown" (77), "Refused" (99), and**

 **Combined, by State, 2006**

State Percent Don't Know/ Not Sure Percent Refused Percent Combined

Texas 7.05 8.78 15.83

Utah 5.45 5.34 10.79

Vermont 5.73 5.75 11.48

Virginia 7.36 6.17 13.53

Washington 5.51 7.07 12.58

West Virginia 8.45 3.83 12.28

Wisconsin 4.06 7.50 11.56

Wyoming 5.6 5.88 11.48

Puerto Rico 12.19 2.06 14.25

Virgin Islands 9.29 4.82 14.11

Median 6.36 7.00 13.73

Mean 6.49 7.29 13.78

Standard Deviation 1.86 2.10 2.21

 Range 12.19 12.34 11.11