

**2005**

**Behavioral Risk Factor Surveillance System**

**Summary Data Quality Report**

**August 25, 2006**

2005 Summary Data Quality Report 1

**2005 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 BRFSS call dispositions, 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 and 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 Excess Sun Exposure 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 in  Tables/Formulae |
| Completed Interview | 110+120+(210\* *P*) | COIN |
| Terminations and Refusals | (210\*(1- *P)*)+220 | TERE |
| Known Household, Possibly  Eligible, 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 |
| Non-Contact | 360+365 | NCUS |
| Business Non-Residential | 420 | BUNR |
| Non-working Out-of-Scope | 405+430+435+440+450 | NOSN |

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 in  Tables/Formulae |
| 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 Probable  Households | 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*) + ⎜ ⎟ × *TotalUnknown*

⎢ ( ) ⎥

⎢ ⎥

⎣ ⎝ 110 + 120 + *EligHH* + *Ineligible* ⎠ ⎦

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*) + ⎜ ⎟ × *TotalUnknown*

⎢ ( ) ⎥

⎢ ⎥

⎣ ⎝ 110 + 120 + *EligHH* + *Ineligible* ⎠ ⎦

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,

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

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.

Table 1. Summary of 2005 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 interview  through the last question. | Give final disposition upon completion of interview. |
| 120 | Partial  Complete | Sex and three or more questions from age, race, ethnicity, marital status,  education, employment status, county, and existence of more than one  telephone number have been answered  with 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. Give  final disposition on the second attempt if interview is not completed or, on the fifteenth  or subsequent attempt, even if there is only  one occurrence of a refusal or termination. |
| 200 Non-Interview, Household with Eligible Respondent | | | |
| 210 | Termination  within  Questionnaire | A hang-up or other termination after the  first 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 a  120. | Give final disposition after second refusal or  termination or when a first-time refusal or termination will not be called a second time because of an irate respondent. On the fifteenth or later attempt, give final disposition after a single refusal or termination. |
| 220 | Refusal after  Respondent  Selection | A termination after respondent selection but before respondent has given a  response other than Don’t know/Not sure or Refused to one or more questions in  the core. The refusals can come from any  adult 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 a  second time because of an irate respondent. On the fifteenth or subsequent call attempt,  give final disposition even if there is only one  occurrence of a refusal. |
| 230 | Selected  Respondent Not Reached during Interview Period | Selected respondent was never spoken  to 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 more than 3 attempts at least one hour apart) for a minimum total of 15 attempts, and the 15 or more call attempts consist of at least 3 weekday, 3 weeknight, and 3 weekend calls. |
| 240 | Selected  Respondent Away during Entire Interview Period | Selected respondent is expected to be  away from residence during the entire interviewing period, for example, because of travel or a hospital stay. | Give final disposition when informed of  absence. |
| 250 | Language  Problem after Respondent Selection | After respondent selection, the selected  or 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 not adequately speak a language for which an interviewer and questionnaire are available or the second time such a respondent who cannot answer the screening questions is contacted. |
| 260 | Selected  Respondent Unable to Complete an Interview | The selected respondent has a physical  or 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 is described by someone else as unable to complete 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, 2005

**State 110 120 210 220 230 240 250 260 270 280**

**Total**

**Eligible 405 410 420 430 435 440 450**

**Total**

**Ineligible**

AL 2969 228 227 1031 177 214 30 111 58 4 5049 2 71 2516 381 153 252 8330 11705

AK 2707 106 122 350 213 180 37 63 9 0 3787 0 20 2330 506 60 0 10953 13869

AZ 3831 879 237 1524 456 214 158 82 36 3 7420 0 60 4345 1070 250 116 13448 19289

AR 4873 407 485 1466 204 593 22 334 52 2 8438 11 25 4157 983 343 56 16805 22380

CA 5590 544 328 2877 437 338 1045 274 0 0 11433 0 60 8576 2988 172 296 18667 30759



CO 5539 440 181 1016 648 161 48 152 18 4 8207 1 19 6695 1850 187 299 15306 24357

CT 4674 580 274 1436 861 226 125 99 60 12 8347 0 36 7451 1459 418 180 17641 27185

DE 4094 98 60 1290 803 58 3 60 23 10 6499 0 9 3320 1320 136 223 5347 10355

DC 3364 379 239 1149 640 197 51 60 74 12 6165 0 34 9477 1839 323 366 22682 34721

FL 7551 639 637 1065 810 974 60 320 131 41 12228 114 62 9279 1896 122 0 24378 35851



GA 5750 314 306 2281 902 248 102 305 57 8 10273 13 88 8193 1728 1013 568 21982 33585

HI 6023 393 223 1640 359 846 192 165 53 27 9921 4 411 6500 1659 154 510 20230 29468

ID 5260 474 421 1729 293 515 32 179 51 3 8957 8 22 5309 1267 267 187 19569 26629

IL 4964 113 193 2345 336 587 91 156 42 0 8827 2 38 5808 1741 218 269 17370 25446

IN 5215 420 441 1806 260 770 18 233 40 2 9205 8 16 5479 1223 460 274 18902 26362

IA 4721 330 80 1039 305 516 34 143 9 1 7178 1 9 3014 660 106 154 13140 17084



KS 8350 276 175 1737 412 385 26 166 27 3 11557 5 25 6022 1129 1392 368 20537 29478

KY 6162 466 190 1574 21 1277 12 145 38 0 9885 7 40 5471 1104 786 679 23158 31245

LA 3248 171 220 1024 482 182 21 128 31 7 5514 0 54 2937 768 145 131 12523 16558

ME 3694 266 127 1380 352 159 5 94 49 5 6131 0 16 3229 570 163 119 10726 14823

MD 7787 845 460 3769 1560 480 117 171 198 28 15415 0 78 13109 3347 568 520 29197 46819



MA 7272 1634 734 4222 1330 573 338 240 207 16 16566 0 89 12827 2476 667 349 27210 43618

MI 11577 559 232 2989 2102 219 76 380 2 0 18136 0 113 12588 2677 272 650 39393 55693

MN 2786 43 14 362 358 105 32 87 2 0 3789 0 6 2699 538 57 89 8488 11877

MS 4140 299 264 1305 557 272 26 273 32 7 7175 3 42 3119 643 237 149 10708 14901

MO 4715 449 349 1030 762 79 42 179 10 8 7623 1 22 3522 902 364 103 13459 18373



MT 4547 436 165 1525 447 245 11 132 46 5 7559 0 27 4017 744 167 99 18964 24018

NE 7926 406 226 1350 629 283 46 213 21 3 11103 1 31 4781 846 396 138 21357 27550

NV 3030 131 54 634 422 83 14 97 58 13 4536 5 55 3260 1121 72 113 7149 11775

NH 5678 360 183 1975 632 231 22 105 68 11 9265 0 29 6280 1343 170 208 14983 23013

NJ 12099 1564 1027 6578 2724 946 526 434 317 41 26256 0 300 24106 7079 1076 883 51571 85015



NM 4860 725 229 1000 650 239 37 300 15 1 8056 2 16 3762 926 104 122 13187 18119

NY 7143 653 1007 2656 414 1788 222 350 102 2 14337 13 54 13741 3245 734 580 33063 51430

NC 16715 546 486 4138 1193 822 103 569 79 9 24660 14 112 11496 2653 491 965 34116 49849

**State 110 120 210 220 230 240 250 260 270 280**

**Total**

**Eligible 405 410 420 430 435 440 450**

**Total**

**Ineligible**

ND 3792 218 290 977 164 426 12 133 14 2 6028 3 14 3115 496 151 224 13145 17148

OH 6574 924 533 2388 1110 252 76 259 55 5 12176 6 17 7343 1820 308 885 24671 35050

OK 12703 1004 567 2249 1195 1232 37 611 40 3 19641 0 77 7407 1854 401 496 29687 39922

OR 11397 618 260 2623 1836 992 99 454 57 5 18341 27 16 12396 3056 236 630 35990 52351

PA 12409 969 1315 4125 622 2172 126 697 132 4 22571 16 75 18302 3963 790 940 45172 69258

RI 3107 869 217 1655 584 224 129 110 64 11 6970 0 23 4694 967 256 117 11568 17625

SC 7808 632 474 1211 963 385 81 255 41 9 11859 0 35 4947 1184 189 210 15022 21587



SD 6640 275 226 1456 341 193 15 108 27 2 9283 0 14 4715 896 159 422 22086 28292

TN 2883 1866 40 808 122 15 2 8 0 0 5744 1 70 5392 1172 296 131 15088 22150

TX 5833 679 499 2469 852 259 245 141 64 9 11050 0 107 7776 1795 484 440 27285 37887

UT 4974 163 124 969 639 61 52 106 9 0 7097 3 7 2775 844 114 87 10389 14219

VT 6198 565 406 1442 209 1079 22 252 28 2 10203 20 33 6338 1269 239 149 17707 25755



VA 4436 1057 261 1271 581 437 28 183 33 2 8289 62 10 4393 1044 210 222 12393 18334

WA 22590 712 550 6200 4423 2875 307 1057 108 4 38826 67 77 24262 6317 557 3368 77763 112411

WV 3461 92 63 649 195 132 5 142 8 2 4749 0 7 1625 332 53 20 4122 6159

WI 4141 759 372 1307 507 56 34 70 101 35 7382 1 3 2882 698 167 0 10733 14484

WY 4807 202 248 1087 223 613 18 185 28 1 7412 9 26 4487 933 163 228 14115 19961



PR 3721 68 105 292 326 130 3 193 10 2 4850 0 31 2194 519 344 4704 10045 17837

VI 2157 265 428 402 81 602 68 128 18 0 4149 1 17 3925 975 2318 509 16033 23778

328485 28110 17574 96872 37724 27140 5083 11891 2852 386

431 2748 358383 84815 19678 23797 1067553 1557407

Total 556,117

Median 5,215 449 248 1,456 557 272 37 166 41 4 8,827 1 33 5,392 1,184 237 223 17,641 25,446

Table 3. BRFSS Call Dispositions, Frequency Distribution by State for Telephone Numbers of Unknown Eligibility, 2005

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

**Total**

**Unknown**

AL 96 1373 251 104 61 1034 101 629 42 67 43 540 595 43 0 4979

AK 48 187 61 23 4 408 120 56 5 239 20 127 788 118 0 2204

AZ 97 2425 387 157 25 1256 118 1122 484 82 7 706 1810 165 0 8841

AR 197 1365 112 47 132 3238 103 625 9 377 17 247 1250 133 0 7852

CA 121 6047 1198 959 37 1131 229 315 85 1914 801 251 4160 237 0 17485



CO 40 661 202 53 37 1929 366 290 5 1025 48 190 1783 318 0 6947

CT 125 2035 537 289 85 3326 532 780 590 376 568 631 3473 291 0 13638

DE 1506 1479 16 47 59 998 36 1056 1 48 1 219 1781 19 0 7266

DC 124 1614 496 287 60 2897 626 777 174 525 227 598 6317 762 0 15484

FL 206 3618 647 282 577 1907 1473 4151 337 3 0 813 4836 519 0 19369



GA 139 3309 650 312 80 3367 226 2465 45 449 198 824 1692 103 3 13862

HI 864 1521 1111 497 178 1273 960 2935 330 38 39 338 1504 173 0 11761

ID 131 1432 182 44 63 4514 107 671 8 425 11 178 1526 134 0 9426

IL 22 2773 447 176 40 2328 250 946 11 1084 13 372 1702 203 0 10367

IN 226 2270 176 52 116 4162 130 805 13 552 17 316 1565 263 0 10663



IA 153 425 60 50 44 1446 160 153 12 692 30 95 818 130 0 4268

KS 90 1075 190 26 26 3223 183 413 8 865 101 337 1272 116 0 7925

KY 973 748 45 61 68 6004 125 421 2 901 1 454 1343 14 0 11160

LA 36 1487 358 44 48 1337 134 567 7 45 17 210 890 59 0 5239

ME 79 1247 86 22 44 2227 162 417 7 219 5 230 1690 120 1 6556



MD 248 5279 903 542 155 9982 1229 1788 450 1234 597 1192 7686 1011 0 32296

MA 276 5097 819 813 238 9163 907 1561 51 860 61 1062 6646 492 0 28046

MI 113 7925 1994 332 361 3008 24 2904 227 653 19 793 4527 641 0 23521

MN 16 306 162 59 25 1242 338 55 0 302 91 69 690 89 0 3444

MS 61 946 256 30 51 1217 144 832 33 191 65 534 955 59 0 5374



MO 14 619 223 59 51 1456 413 177 1 844 27 96 1204 140 0 5324

MT 91 1129 142 11 64 1930 165 364 31 241 17 342 1556 140 0 6223

NE 52 1529 338 20 29 1055 54 839 19 60 42 226 931 73 0 5267

NV 59 398 161 46 49 2847 762 82 0 660 16 351 1209 89 0 6729

NH 173 2468 313 97 100 4722 431 883 21 525 17 404 3452 196 0 13802



NJ 571 9751 1829 1281 301 16753 1972 3563 481 1831 583 1919 18350 1803 1 60989

NM 84 511 103 97 56 1496 248 136 13 705 113 141 1222 130 0 5055

NY 1182 4904 509 896 237 9027 346 2491 51 1864 47 709 4971 418 0 27652

NC 263 4497 965 89 132 4783 240 3013 30 855 55 1126 2581 60 2 18691

ND 75 869 73 17 86 1645 52 357 3 180 5 143 665 44 0 4214



OH 113 2936 1005 174 121 3168 374 2005 3 709 2 790 1790 194 0 13384

OK 135 1560 413 12 10 3592 420 358 69 875 1189 337 2771 329 0 12070

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| **State** | **305** | **310** | **315** | **320** | **325** | **330** | **332** | **335 3** | **40 345** | **350** | **355** | **360** | **365** | **370** | **Unknown** |

OR 369 4274 2138 165 166 4506 348 2244 8 1452 23 950 3060 265 0 19968

PA 965 5281 446 359 341 10465 399 2479 29 1845 62 897 6836 735 0 31139

RI 120 1995 272 226 89 3471 310 593 7 321 11 398 2123 149 0 10085



SC 71 1060 495 131 28 1320 279 863 2 654 35 317 1659 140 0 7054

SD 37 1234 87 29 23 1764 8 642 682 259 96 181 900 38 5 5985

TN 9 1186 4 112 44 5556 2 368 7 1123 21 135 1882 166 322 10937

TX 102 4562 805 363 63 2689 225 1971 445 209 29 1579 3359 332 0 16733

UT 13 433 97 39 5 778 107 233 1 451 10 130 988 149 0 3434



VT 535 1967 179 38 94 2865 95 1407 12 662 14 230 1975 77 1 10151

VA 364 1196 343 123 59 1981 202 1096 2 602 3 213 1560 192 1 7937

WA 1252 8340 4529 671 374 8454 924 5263 97 3479 366 1972 7198 694 0 43613

WV 31 433 48 6 11 1112 37 179 15 216 24 69 579 72 0 2832

WI 8 806 74 73 9 1663 78 162 28 641 2 102 982 146 0 4774



WY 160 1110 111 57 56 2110 68 548 7 384 9 184 1198 75 0 6077

PR 30

143 52 8 10 224 71 48 31 118 14 279 906 9 0 1943

VI 279

388

55 81 59 753 79 295 16 330 52 297 1082 137 0 3903

13144 122223 27155 10588 5281 174802 17492 59393 5047 35261 5881 25843 138288 13204 336 653938

Total

Median 120 1,487 272 89 60 2,328 225 777 13 552 24 337 1,690 146 0 9,426

Table 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes, 2005

**Total**

**Total**

**Total**

**COIN TERE KNHH LIHH AMUR INHH NCUS BUNR NOSN Elig HH Eligible EUHH Unknown Ineligible HH TOTAL**

AL 3,296 1159 2,943 1,882 110 71 638 2,516 9,118 1,852 5,049 4,341 4,979 11,705 9,351 21,733

AK 2,869 416 854 687 259 20 906 2,330 11,519 974 3,787 1,298 2,204 13,869 4,846 19,860

AZ 4,800 1671 4,980 2,746 89 60 1,975 4,345 14,884 2,710 7,420 6,866 8,841 19,289 14,257 35,550

AR 5,415 1816 3,506 3,776 394 25 1,383 4,157 18,198 3,158 8,438 6,469 7,852 22,380 14,538 38,670

CA 6,258 3081 9,775 2,692 2,715 60 4,397 8,576 22,123 5,299 11,433 13,088 17,485 30,759 21,866 59,677



CO 6,063 1113 2,224 2,580 1,073 19 2,101 6,695 17,643 2,228 8,207 4,846 6,947 24,357 11,999 39,511

CT 5,358 1606 4,860 5,453 944 36 3,764 7,451 19,698 3,093 8,347 9,874 13,638 27,185 17,313 49,170

DE 4,215 1327 5,014 1,360 49 9 1,800 3,320 7,026 2,307 6,499 5,466 7,266 10,355 11,925 24,120

DC 3,834 1297 4,045 4,642 752 34 7,079 9,477 25,210 2,422 6,165 8,405 15,484 34,721 13,852 56,370

FL 8,479 1413 10,958 5,389 3 62 5,355 9,279 26,510 4,038 12,228 14,014 19,369 35,851 26,301 67,448



GA 6,204 2447 8,185 4,857 647 88 1,795 8,193 25,304 4,209 10,273 12,067 13,862 33,585 21,781 57,720

HI 6,476 1803 8,073 3,576 77 411 1,677 6,500 22,557 3,505 9,921 10,084 11,761 29,468 20,339 51,150

ID 5,882 2002 3,489 4,914 436 22 1,660 5,309 21,298 3,223 8,957 7,766 9,426 26,629 16,309 45,012

IL 5,146 2469 5,400 3,177 1,097 38 1,905 5,808 19,600 3,750 8,827 8,462 10,367 25,446 16,230 44,640

IN 5,812 2070 4,800 4,789 569 16 1,828 5,479 20,867 3,570 9,205 8,835 10,663 26,362 17,487 46,230



IA 5,080 1090 1,799 1,807 722 9 948 3,014 14,061 2,127 7,178 3,320 4,268 17,084 9,785 28,530

KS 8,705 1833 2,787 3,803 966 25 1,388 6,022 23,431 2,931 11,557 6,537 7,925 29,478 17,153 48,960

KY 6,669 1723 3,680 6,714 902 40 1,357 5,471 25,734 3,257 9,885 9,803 11,160 31,245 18,826 52,290

LA 3,507 1156 3,299 1,780 62 54 949 2,937 13,567 2,095 5,514 4,290 5,239 16,558 9,796 27,311

ME 4,008 1459 2,493 2,693 224 16 1,810 3,229 11,578 2,171 6,131 4,746 6,556 14,823 10,669 27,510



MD 8,806 4055 10,772 13,550 1,831 78 8,697 13,109 33,632 6,783 15,415 23,599 32,296 46,819 37,261 94,530

MA 9,184 4678 10,457 12,234 921 89 7,138 12,827 30,702 7,660 16,566 20,908 28,046 43,618 36,642 88,230

MI 12,226 3131 15,715 4,745 672 113 5,168 12,588 42,992 6,000 18,136 18,353 23,521 55,693 35,930 97,350

MN 2,834 371 1,123 1,733 393 6 779 2,699 9,172 960 3,789 2,665 3,444 11,877 6,067 19,110

MS 4,541 1467 3,262 2,009 256 42 1,014 3,119 11,740 2,736 7,175 4,360 5,374 14,901 11,321 27,450



MO 5,309 1234 2,113 2,076 871 22 1,344 3,522 14,829 2,459 7,623 3,980 5,324 18,373 10,754 31,320

MT 5,046 1627 2,612 2,543 258 27 1,696 4,017 19,974 2,576 7,559 4,527 6,223 24,018 11,855 37,800

NE 8,421 1487 3,953 1,403 102 31 1,004 4,781 22,738 2,771 11,103 4,263 5,267 27,550 15,295 43,920

NV 3,181 668 1,387 4,055 676 55 1,298 3,260 8,460 1,375 4,536 5,431 6,729 11,775 9,346 23,040

NH 6,107 2089 4,906 5,775 542 29 3,648 6,280 16,704 3,227 9,265 10,154 13,802 23,013 18,906 46,080



NJ 14,052 7216 20,702 22,708 2,414 300 20,153 24,106 60,609 12,593 26,256 40,836 60,989 85,015 64,978 172,260

NM 5,664 1150 2,076 2,051 818 16 1,352 3,762 14,341 2,471 8,056 3,703 5,055 18,119 10,957 31,230

NY 8,137 3322 11,964 11,266 1,911 54 5,389 13,741 37,635 6,541 14,337 22,263 27,652 51,430 34,743 93,419

NC 17,451 4434 11,513 6,402 910 112 2,641 11,496 38,239 7,399 24,660 16,050 18,691 49,847 39,912 93,198

ND 4,112 1165 2,125 1,946 185 14 709 3,115 14,019 2,018 6,028 3,505 4,214 17,148 9,362 27,390



OH 7,729 2690 7,816 4,630 711 17 1,984 7,343 27,690 4,678 12,176 11,400 13,384 35,050 22,882 60,610

OK 13,983 2540 5,584 4,440 2,064 77 3,100 7,407 32,438 5,934 19,641 8,970 12,070 39,922 26,624 71,633

Table 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes, 2005

**Total**

**Total**

**Total**

**COIN TERE KNHH LIHH AMUR INHH NCUS BUNR NOSN Elig HH Eligible EUHH Unknown Ineligible HH TOTAL**

OR 12,114 2784 12,468 6,143 1,475 16 3,325 12,396 39,939 6,326 18,341 16,643 19,968 52,351 33,525 90,660

PA 13,863 4955 12,924 12,490 1,907 75 7,571 18,302 50,881 9,193 22,571 23,568 31,139 69,258 44,307 122,968

RI 4,058 1790 4,102 4,501 332 23 2,272 4,694 12,908 2,994 6,970 7,813 10,085 17,625 14,474 34,680

SC 8,650 1475 4,223 2,077 689 35 1,799 4,947 16,605 3,419 11,859 5,255 7,054 21,587 16,460 40,500

SD 7,018 1579 2,686 2,692 355 14 938 4,715 23,563 2,368 9,283 5,047 5,985 28,292 13,989 43,560

TN 4,764 833 1,714 6,178 1,144 70 2,048 5,392 16,688 995 5,744 8,889 10,937 22,150 13,559 38,831

TX 6,701 2779 9,010 5,364 238 107 3,691 7,776 30,004 4,538 11,050 13,042 16,733 37,887 23,961 65,670

UT 5,204 1026 1,643 1,060 461 7 1,137 2,775 11,437 1,960 7,097 2,297 3,434 14,219 8,940 24,750



VT 6,910 1701 5,680 3,335 676 33 2,052 6,338 19,384 3,440 10,203 8,099 10,151 25,755 17,659 46,109

VA 5,564 1461 4,263 2,581 605 10 1,752 4,393 13,931 2,796 8,289 6,185 7,937 18,334 13,879 34,560

WA 23,303 6749 28,158 12,492 3,845 77 7,892 24,262 88,072 15,524 38,826 35,721 43,613 112,411 70,779 194,850

WV 3,576 689 1,175 1,250 240 7 651 1,625 4,527 1,196 4,749 2,181 2,832 6,159 6,697 13,740

WI 5,021 1558 1,853 1,953 643 3 1,128 2,882 11,599 2,482 7,382 3,646 4,774 14,484 10,388 26,640



WY 5,097 1247 2,997 2,482 393 26 1,273 4,487 15,448 2,403 7,412 4,804 6,077 19,961 11,849 33,450

PR 3,828 358 937 623 132 31 915 2,194 15,612 1,061 4,850 1,028 1,943 17,837 5,777 24,630

VI 2,544 708 1,914 1,285 382 17 1,219 3,925 19,836 1,727 4,149 2,684 3,903 23,778 6,468 31,830 Total 363,074 107,967 306,991 239,389 41,142 2,748 151,492 358,383 1,196,274 199,522 556,117 502,446 653,938 1,557,405 1,020,169 2,767,460

Median 5,812 1,627 4,102 3,576 647 33 1,800 5,392 19,600 2,994 8,827 7,766 9,426 25,446 15,295 43,920

Table 5. BRFSS Call Dispositions, Percent Distribution by Categories of Case Outcomes, 2005

**State % COIN % TERE**

**% KNHH**

**% LIHH % AMUR**

**% INHH**

**% NCUS**

**% BUNR**

**% NOSN**

**% Elig**

**HH**

**% Total**

**Eligible**

**% EUHH**

**% Total**

**Unknown**

**% Total**

**Ineligible % HH TOTAL**

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AL 15.17 5.33 13.54 8.66 0.51 0.33 2.94 11.58 41.95 8.52 23.23 19.97 22.91 53.86 43.03 21,733

AK 14.45 2.09 4.30 3.46 1.30 0.10 4.56 11.73 58.00 4.90 19.07 6.54 11.10 69.83 24.40 19,860

AZ 13.50 4.70 14.01 7.72 0.25 0.17 5.56 12.22 41.87 7.62 20.87 19.31 24.87 54.26 40.10 35,550

AR 14.00 4.70 9.07 9.76 1.02 0.06 3.58 10.75 47.06 8.17 21.82 16.73 20.31 57.87 37.60 38,670

CA 10.49 5.16 16.38 4.51 4.55 0.10 7.37 14.37 37.07 8.88 19.16 21.93 29.30 51.54 36.64 59,677



CO 15.35 2.82 5.63 6.53 2.72 0.05 5.32 16.94 44.65 5.64 20.77 12.26 17.58 61.65 30.37 39,511

CT 10.90 3.27 9.88 11.09 1.92 0.07 7.66 15.15 40.06 6.29 16.98 20.08 27.74 55.29 35.21 49,170

DE 17.47 5.50 20.79 5.64 0.20 0.04 7.46 13.76 29.13 9.56 26.94 22.66 30.12 42.93 49.44 24,120

DC 6.80 2.30 7.18 8.23 1.33 0.06 12.56 16.81 44.72 4.30 10.94 14.91 27.47 61.59 24.57 56,370

FL 12.57 2.09 16.25 7.99 0.00 0.09 7.94 13.76 39.30 5.99 18.13 20.78 28.72 53.15 38.99 67,448



GA 10.75 4.24 14.18 8.41 1.12 0.15 3.11 14.19 43.84 7.29 17.80 20.91 24.02 58.19 37.74 57,720

HI 12.66 3.52 15.78 6.99 0.15 0.80 3.28 12.71 44.10 6.85 19.40 19.71 22.99 57.61 39.76 51,150

ID 13.07 4.45 7.75 10.92 0.97 0.05 3.69 11.79 47.32 7.16 19.90 17.25 20.94 59.16 36.23 45,012

IL 11.53 5.53 12.10 7.12 2.46 0.09 4.27 13.01 43.91 8.40 19.77 18.96 23.22 57.00 36.36 44,640

IN 12.57 4.48 10.38 10.36 1.23 0.03 3.95 11.85 45.14 7.72 19.91 19.11 23.07 57.02 37.83 46,230



IA 17.81 3.82 6.31 6.33 2.53 0.03 3.32 10.56 49.28 7.46 25.16 11.64 14.96 59.88 34.30 28,530

KS 17.78 3.74 5.69 7.77 1.97 0.05 2.83 12.30 47.86 5.99 23.60 13.35 16.19 60.21 35.03 48,960

KY 12.75 3.30 7.04 12.84 1.72 0.08 2.60 10.46 49.21 6.23 18.90 18.75 21.34 59.75 36.00 52,290

LA 12.84 4.23 12.08 6.52 0.23 0.20 3.47 10.75 49.68 7.67 20.19 15.71 19.18 60.63 35.87 27,311

ME 14.57 5.30 9.06 9.79 0.81 0.06 6.58 11.74 42.09 7.89 22.29 17.25 23.83 53.88 38.78 27,510



MD 9.32 4.29 11.40 14.33 1.94 0.08 9.20 13.87 35.58 7.18 16.31 24.96 34.16 49.53 39.42 94,530

MA 10.41 5.30 11.85 13.87 1.04 0.10 8.09 14.54 34.80 8.68 18.78 23.70 31.79 49.44 41.53 88,230

MI 12.56 3.22 16.14 4.87 0.69 0.12 5.31 12.93 44.16 6.16 18.63 18.85 24.16 57.21 36.91 97,350

MN 14.83 1.94 5.88 9.07 2.06 0.03 4.08 14.12 48.00 5.02 19.83 13.95 18.02 62.15 31.75 19,110

MS 16.54 5.34 11.88 7.32 0.93 0.15 3.69 11.36 42.77 9.97 26.14 15.88 19.58 54.28 41.24 27,450



MO 16.95 3.94 6.75 6.63 2.78 0.07 4.29 11.25 47.35 7.85 24.34 12.71 17.00 58.66 34.34 31,320

MT 13.35 4.31 6.91 6.73 0.68 0.07 4.49 10.63 52.84 6.81 20.00 11.98 16.46 63.54 31.36 37,800

NE 19.17 3.39 9.00 3.19 0.23 0.07 2.29 10.89 51.77 6.31 25.28 9.71 11.99 62.73 34.82 43,920

NV 13.81 2.90 6.02 17.60 2.93 0.24 5.63 14.15 36.72 5.97 19.69 23.57 29.21 51.11 40.56 23,040

NH 13.25 4.53 10.65 12.53 1.18 0.06 7.92 13.63 36.25 7.00 20.11 22.04 29.95 49.94 41.03 46,080



NJ 8.16 4.19 12.02 13.18 1.40 0.17 11.70 13.99 35.18 7.31 15.24 23.71 35.41 49.35 37.72 172,260

NM 18.14 3.68 6.65 6.57 2.62 0.05 4.33 12.05 45.92 7.91 25.80 11.86 16.19 58.02 35.08 31,230

NY 8.71 3.56 12.81 12.06 2.05 0.06 5.77 14.71 40.29 7.00 15.35 23.83 29.60 55.05 37.19 93,419

NC 18.72 4.76 12.35 6.87 0.98 0.12 2.83 12.34 41.03 7.94 26.46 17.22 20.06 53.49 42.82 93,198

ND 15.01 4.25 7.76 7.10 0.68 0.05 2.59 11.37 51.18 7.37 22.01 12.80 15.39 62.61 34.18 27,390



OH 12.75 4.44 12.90 7.64 1.17 0.03 3.27 12.12 45.69 7.72 20.09 18.81 22.08 57.83 37.75 60,610

OK 19.52 3.55 7.80 6.20 2.88 0.11 4.33 10.34 45.28 8.28 27.42 12.52 16.85 55.73 37.17 71,633

OR 13.36 3.07 13.75 6.78 1.63 0.02 3.67 13.67 44.05 6.98 20.23 18.36 22.03 57.74 36.98 90,660

PA 11.27 4.03 10.51 10.16 1.55 0.06 6.16 14.88 41.38 7.48 18.36 19.17 25.32 56.32 36.03 122,968

Table 5. BRFSS Call Dispositions, Percent Distribution by Categories of Case Outcomes, 2005

**State % COIN % TERE**

**% KNHH**

**% LIHH % AMUR**

**% INHH**

**% NCUS**

**% BUNR**

**% NOSN**

**% Elig**

**HH**

**% Total**

**Eligible**

**% EUHH**

**% Total**

**Unknown**

**% Total**

**Ineligible % HH TOTAL**

RI 11.70 5.16 11.83 12.98 0.96 0.07 6.55 13.54 37.22 8.63 20.10 22.53 29.08 50.82 41.74 34,680



SC 21.36 3.64 10.43 5.13 1.70 0.09 4.44 12.21 41.00 8.44 29.28 12.98 17.42 53.30 40.64 40,500

SD 16.11 3.62 6.17 6.18 0.81 0.03 2.15 10.82 54.09 5.44 21.31 11.59 13.74 64.95 32.11 43,560

TN 12.27 2.14 4.41 15.91 2.95 0.18 5.27 13.89 42.98 2.56 14.79 22.89 28.17 57.04 34.92 38,831

TX 10.20 4.23 13.72 8.17 0.36 0.16 5.62 11.84 45.69 6.91 16.83 19.86 25.48 57.69 36.49 65,670

UT 21.03 4.15 6.64 4.28 1.86 0.03 4.59 11.21 46.21 7.92 28.67 9.28 13.87 57.45 36.12 24,750



VT 14.99 3.69 12.32 7.23 1.47 0.07 4.45 13.75 42.04 7.46 22.13 17.56 22.02 55.86 38.30 46,109

VA 16.10 4.23 12.34 7.47 1.75 0.03 5.07 12.71 40.31 8.09 23.98 17.90 22.97 53.05 40.16 34,560

WA 11.96 3.46 14.45 6.41 1.97 0.04 4.05 12.45 45.20 7.97 19.93 18.33 22.38 57.69 36.32 194,850

WV 26.03 5.01 8.55 9.10 1.75 0.05 4.74 11.83 32.95 8.70 34.56 15.87 20.61 44.83 48.74 13,740

WI 18.85 5.85 6.96 7.33 2.41 0.01 4.23 10.82 43.54 9.32 27.71 13.69 17.92 54.37 38.99 26,640



WY 15.24 3.73 8.96 7.42 1.17 0.08 3.81 13.41 46.18 7.18 22.16 14.36 18.17 59.67 35.42 33,450

PR 15.54 1.45 3.80 2.53 0.54 0.13 3.71 8.91 63.39 4.31 19.69 4.17 7.89 72.42 23.46 24,630

VI 7.99 2.22 6.01 4.04 1.20 0.05 3.83 12.33 62.32 5.43 13.03 8.43 12.26 74.70 20.32 31,830



Total 13.12 3.90 11.09 8.65 1.49 0.10 5.47 12.95 43.23 7.21 20.09 18.16 23.63 56.28 36.86 2,767,460



Median 13.23 3.71 9.34 8.14 1.47 0.08 4.10 12.28 44.63 6.82 20.10 17.68 21.46 57.94 34.82 43,920



Minimum 6.80 1.94 4.30 3.19 0.00 0.01 2.15 10.34 29.13 2.56 10.94 6.54 11.10 42.93 24.40 13,740



Maximum 26.03 5.85 20.79 17.60 4.55 0.80 12.56 16.94 58.00 9.97 34.56 24.96 35.41 69.83 49.44 194,850

Table 6. BRFSS Outcome Rates by State, 2005

**State Name**

**Resolution**

**Rate**

**%**

**Screening Completion Rate**

**Interview Completion Rate**

**Cooperation**

**Rate**

**%**

**Refusal Rate**

**%**

**Overall Response Rate**

**Response**

**Rate**

**%**

**% % %**

Alabama 87.9 60.6 74.0 71.7 17.7 36.0 50.3

Alaska 90.7 79.5 87.3 84.8 9.8 60.4 67.4

Arizona 86.5 56.7 74.2 71.5 16.9 34.4 48.6

Arkansas 85.6 67.4 74.9 71.4 17.2 38.0 51.1

California 83.6 49.0 67.0 58.7 19.1 29.2 38.7



Colorado 85.4 76.4 84.5 82.2 11.2 51.6 60.9

Connecticut 79.3 59.0 76.9 74.5 13.9 31.6 46.4

Delaware 86.7 52.5 76.1 75.2 14.3 36.1 45.3

District of Columbia 77.9 56.1 74.7 73.1 15.3 28.2 45.1

Florida 84.1 47.6 85.7 82.5 8.2 32.9 49.4



Georgia 87.4 51.6 71.7 68.5 18.1 29.1 45.9

Hawaii 89.6 51.8 78.2 75.0 14.0 32.5 50.3

Idaho 84.4 69.4 74.6 72.7 17.7 36.8 51.9

Illinois 86.2 58.6 67.6 65.5 21.5 32.4 44.8

Indiana 84.5 62.2 73.7 71.5 17.3 33.9 48.6



Iowa 87.8 77.5 82.3 80.0 12.9 53.0 60.2

Kansas 87.4 79.1 82.6 81.1 13.3 51.8 63.1

Kentucky 82.8 69.6 79.5 78.0 13.7 36.1 53.1

Louisiana 89.8 58.8 75.2 72.9 16.9 36.5 51.4

Maine 82.8 68.7 73.3 72.0 18.1 38.3 49.8



Maryland 74.5 54.6 68.5 67.0 17.3 24.1 37.6

Massachusetts 77.0 57.2 66.3 63.6 19.3 25.6 37.8

Michigan 89.1 49.6 79.6 77.3 13.1 34.7 51.1

Minnesota 84.8 74.1 88.4 85.3 8.0 47.7 61.3

Mississippi 88.1 65.0 75.6 72.0 16.4 40.9 50.9



Missouri 86.3 75.7 81.1 78.5 13.4 50.4 57.8

Montana 88.1 72.0 75.6 74.0 18.0 43.4 55.8

Nebraska 94.3 71.5 85.0 82.8 11.8 56.2 66.7

Nevada 73.8 73.8 82.7 80.3 10.4 34.7 49.7

New Hampshire 78.4 62.6 74.5 73.4 15.8 33.0 46.2



New Jersey 73.7 51.0 66.1 63.2 17.8 22.1 34.6

New Mexico 86.5 76.7 83.1 79.2 12.0 52.7 58.9

New York 80.1 49.0 71.0 67.6 16.3 23.9 40.0

North Carolina 89.3 65.6 79.7 77.4 14.4 44.6 56.6

North Dakota 89.6 71.3 77.9 75.8 16.4 44.8 57.7



Ohio 87.9 57.2 74.2 71.9 17.2 34.5 49.5

Oklahoma 86.6 74.8 84.6 81.4 10.8 53.6 59.2



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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table 6. BRFSS Outcome Rates by State, 2005 | | | | | | | | |
|  | **State Name** | **Resolution**  **Rate**  **%** | **Screening**  **Completion**  **Rate**  **%** | **Interview**  **Completion**  **Rate**  **%** | **Cooperation**  **Rate**  **%** | **Refusal Rate**  **%** | **Overall**  **Response**  **Rate**  **%** | **Response**  **Rate**  **%** |
| Oregon | | 87.9 | 54.5 | 81.3 | 78.4 | 11.8 | 36.9 | 51.5 |
| Pennsylvania | | 82.1 | 59.4 | 73.7 | 70.6 | 16.4 | 31.9 | 45.9 |
| Rhode Island | | 79.5 | 58.9 | 69.4 | 66.7 | 18.2 | 28.6 | 41.3 |
| South Carolina | | 88.7 | 70.6 | 85.4 | 82.7 | 10.3 | 53.6 | 60.2 |
| South Dakota | | 90.9 | 76.2 | 81.6 | 80.5 | 14.7 | 51.2 | 65.2 |
| Tennessee | | 75.9 | 76.8 | 85.1 | 85.0 | 10.4 | 35.9 | 59.6 |
| Texas | | 85.8 | 51.6 | 70.7 | 67.9 | 18.7 | 28.5 | 45.2 |
| Utah |  | 89.3 | 79.1 | 83.5 | 81.5 | 12.5 | 59.4 | 63.2 |
| Vermont | | 86.9 | 60.3 | 80.2 | 77.8 | 13.0 | 39.9 | 52.8 |
| Virginia | | 85.7 | 62.3 | 79.2 | 76.9 | 13.6 | 40.9 | 51.7 |
| Washington | | 87.6 | 51.7 | 77.5 | 74.2 | 13.5 | 33.6 | 46.6 |
| West Virginia | | 84.4 | 78.4 | 83.8 | 81.1 | 11.5 | 54.5 | 59.8 |
| Wisconsin | | 86.0 | 78.0 | 76.3 | 75.1 | 17.3 | 49.3 | 55.8 |
| Wyoming | | 87.6 | 68.0 | 80.3 | 77.9 | 13.8 | 43.9 | 56.3 |
| Puerto Rico | | 93.2 | 81.8 | 91.4 | 87.4 | 6.8 | 67.6 | 72.7 |
| Virgin Islands | | 90.9 | 63.1 | 78.2 | 73.8 | 15.0 | 40.1 | 53.8 |
| Median | | 86.3 | 62.6 | 77.5 | 75.1 | 14.4 | 36.5 | 51.1 |
| Minimum | | 73.7 | 47.6 | 66.1 | 58.7 | 8.0 | 22.1 | 34.6 |
| Maximum | | 94.3 | 79.5 | 88.4 | 85.3 | 21.5 | 60.4 | 67.4 |





|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 7. Percentage of Females in BRFSS and Population Data by State, 2005 | | | | | |
| **State** | **BRFSS Percent** |  | **Population Percent** |  | **Difference** |
| Alabama | 65.04 |  | 52.44 |  | 12.60 |
| Alaska | 55.01 |  | 48.28 |  | 6.73 |
| Arizona | 60.57 |  | 50.47 |  | 10.10 |
| Arkansas | 61.73 |  | 51.76 |  | 9.97 |
| California | 59.14 |  | 50.57 |  | 8.57 |
| Colorado | 58.49 |  | 49.85 |  | 8.64 |
| Connecticut | 58.80 |  | 52.24 |  | 6.56 |
| Delaware | 60.51 |  | 52.18 |  | 8.33 |
| District of Columbia | 59.72 |  | 53.56 |  | 6.16 |
| Florida | 61.01 |  | 51.69 |  | 9.32 |
| Georgia | 64.24 |  | 51.26 |  | 12.98 |
| Hawaii | 60.18 |  | 50.27 |  | 9.91 |
| Idaho | 60.92 |  | 50.26 |  | 10.66 |
| Illinois | 61.44 |  | 51.58 |  | 9.86 |
| Indiana | 60.23 |  | 51.51 |  | 8.72 |
| Iowa | 59.40 |  | 51.45 |  | 7.95 |
| Kansas | 60.69 |  | 51.03 |  | 9.66 |
| Kentucky | 66.31 |  | 51.69 |  | 14.62 |
| Louisiana | 63.69 |  | 52.33 |  | 11.36 |
| Maine | 59.93 |  | 51.93 |  | 8.00 |
| Maryland | 60.86 |  | 52.48 |  | 8.38 |
| Massachusetts | 59.57 |  | 52.48 |  | 7.09 |
| Michigan | 60.75 |  | 51.55 |  | 9.20 |
| Minnesota | 58.79 |  | 50.94 |  | 7.85 |
| Mississippi | 64.60 |  | 52.4 |  | 12.20 |
| Missouri | 59.14 |  | 51.99 |  | 7.15 |
| Montana | 58.79 |  | 50.61 |  | 8.18 |
| Nebraska | 59.06 |  | 51.17 |  | 7.89 |
| Nevada | 49.72 |  | 49.29 |  | 0.43 |
| New Hampshire | 58.65 |  | 51.38 |  | 7.27 |
| New Jersey | 59.96 |  | 52.1 |  | 7.86 |
| New Mexico | 59.46 |  | 51.41 |  | 8.05 |
| New York | 61.10 |  | 52.49 |  | 8.61 |
| North Carolina | 62.21 |  | 51.49 |  | 10.72 |
| North Dakota | 58.19 |  | 50.4 |  | 7.79 |
| Ohio | 60.36 |  | 52.09 |  | 8.27 |
| Oklahoma | 61.61 |  | 51.3 |  | 10.31 |
| Oregon | 59.89 |  | 50.8 |  | 9.09 |
| Pennsylvania | 61.37 |  | 52.37 |  | 9.00 |
| Rhode Island | 60.23 |  | 52.67 |  | 7.56 |
| South Carolina | 59.07 |  | 52.12 |  | 6.95 |
| South Dakota | 57.41 |  | 50.83 |  | 6.58 |
| Tennessee | 62.21 |  | 51.91 |  | 10.30 |
| Texas | 61.35 |  | 50.73 |  | 10.62 |

Table 7. Percentage of Females in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

Utah 57.33 50.45 6.88

Vermont 58.41 51.52 6.89

Virginia 58.54 51.46 7.08

Washington 59.46 50.63 8.83

West Virginia 59.92 51.89 8.03

Wisconsin 57.10 51.06 6.04

Wyoming 59.22 50.05 9.17



Puerto Rico 63.41 53.06 10.35

Virgin Islands 63.50 53.26 10.24



Median 59.96 51.51 8.57



Mean 60.16 51.45 8.71



Standard Deviation 2.54 0.99 2.12



Range 16.59 5.28 14.19



|  |  |  |  |
| --- | --- | --- | --- |
| South Carolina | 73.64 | 67.27 | 6.37 |
| South Dakota | 92.72 | 90.00 | 2.72 |
| Tennessee | 85.87 | 80.18 | 5.69 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2005\* | | | | | |
| **State** | **BRFSS Percent** |  | **Population Percent** |  | **Difference** |
| Alabama | 73.19 |  | 71.49 |  | 1.70 |
| Alaska | 74.46 |  | 69.66 |  | 4.80 |
| Arizona | 72.55 |  | 64.73 |  | 7.82 |
| Arkansas | 83.28 |  | 79.86 |  | 3.42 |
| California | 52.12 |  | 47.61 |  | 4.51 |
| Colorado | 79.53 |  | 74.61 |  | 4.92 |
| Connecticut | 86.17 |  | 77.88 |  | 8.29 |
| Delaware | 78.91 |  | 73.86 |  | 5.05 |
| District of Columbia | 45.98 |  | 31.62 |  | 14.36 |
| Florida | 71.69 |  | 64.81 |  | 6.88 |
| Georgia | 69.20 |  | 63.79 |  | 5.41 |
| Hawaii | 27.81 |  | 24.68 |  | 3.13 |
| Idaho | 88.38 |  | 88.31 |  | 0.07 |
| Illinois | 77.17 |  | 68.58 |  | 8.59 |
| Indiana | 87.36 |  | 86.56 |  | 0.80 |
| Iowa | 94.15 |  | 93.04 |  | 1.11 |
| Kansas | 87.45 |  | 83.59 |  | 3.86 |
| Kentucky | 91.75 |  | 89.53 |  | 2.22 |
| Louisiana | 67.88 |  | 64.37 |  | 3.51 |
| Maine | 95.77 |  | 97.12 |  | -1.35 |
| Maryland | 71.74 |  | 63.12 |  | 8.62 |
| Massachusetts | 84.71 |  | 81.81 |  | 2.90 |
| Michigan | 85.04 |  | 79.83 |  | 5.21 |
| Minnesota | 91.48 |  | 88.90 |  | 2.58 |
| Mississippi | 65.74 |  | 62.69 |  | 3.05 |
| Missouri | 85.83 |  | 84.72 |  | 1.11 |
| Montana | 91.34 |  | 90.84 |  | 0.50 |
| Nebraska | 89.14 |  | 87.98 |  | 1.16 |
| Nevada | 66.03 |  | 66.02 |  | 0.01 |
| New Hampshire | 95.20 |  | 95.12 |  | 0.08 |
| New Jersey | 73.46 |  | 65.30 |  | 8.16 |
| New Mexico | 53.90 |  | 46.90 |  | 7.00 |
| New York | 73.82 |  | 61.48 |  | 12.34 |
| North Carolina | 73.11 |  | 70.87 |  | 2.24 |
| North Dakota | 93.54 |  | 92.87 |  | 0.67 |
| Ohio | 86.55 |  | 85.11 |  | 1.44 |
| Oklahoma | 74.98 |  | 75.67 |  | -0.69 |
| Oregon | 85.51 |  | 83.72 |  | 1.79 |
| Pennsylvania | 89.20 |  | 85.00 |  | 4.20 |
| Rhode Island | 85.98 |  | 82.56 |  | 3.42 |

Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2005\*

**State BRFSS Percent Population Percent Difference**

Texas 59.98 53.01 6.97

Utah 88.85 84.70 4.15

Vermont 94.80 96.61 -1.81

Virginia 78.22 70.58 7.64

Washington 83.85 79.29 4.56

West Virginia 92.61 95.11 -2.50

Wisconsin 92.03 88.63 3.40



Wyoming 91.40 89.59 0.00



Median 84.71 79.83 3.42



Mean 79.51 75.71 3.80



Standard Deviation 13.76 15.72 3.40



Range 67.96 72.44 16.86

\*Puerto Rico and Virgin Islands are excluded.

Table 9. Percentage of People Aged 18-24 in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

|  |  |  |  |
| --- | --- | --- | --- |
| Alabama | 6.01 | 13.33 | -7.32 |
| Alaska | 9.73 | 14.68 | -4.95 |
| Arizona | 6.60 | 13.45 | -6.85 |
| Arkansas | 6.46 | 13.41 | -6.95 |

California 10.54 13.55 -3.01

|  |  |  |  |
| --- | --- | --- | --- |
| Colorado | 7.38 | 13.06 | -5.68 |
| Connecticut | 4.94 | 11.67 | -6.73 |
| Delaware | 8.80 | 13.12 | -4.32 |
| District of Columbia | 7.32 | 13.71 | -6.39 |

Florida 6.63 11.46 -4.83

|  |  |  |  |
| --- | --- | --- | --- |
| Georgia | 7.89 | 13.77 | -5.88 |
| Hawaii | 8.48 | 12.72 | -4.24 |
| Idaho | 8.34 | 15.06 | -6.72 |
| Illinois | 7.92 | 13.20 | -5.28 |

Indiana 8.04 13.87 -5.83

|  |  |  |  |
| --- | --- | --- | --- |
| Iowa | 6.28 | 13.87 | -7.59 |
| Kansas | 6.51 | 14.38 | -7.87 |
| Kentucky | 6.44 | 13.05 | -6.61 |
| Louisiana | 8.80 | 14.78 | -5.98 |

Maine 5.31 11.81 -6.50

|  |  |  |  |
| --- | --- | --- | --- |
| Maryland | 6.49 | 12.29 | -5.80 |
| Massachusetts | 5.98 | 12.16 | -6.18 |
| Michigan | 7.38 | 13.19 | -5.81 |
| Minnesota | 5.51 | 13.44 | -7.93 |

Mississippi 6.75 15.13 -8.38

|  |  |  |  |
| --- | --- | --- | --- |
| Missouri | 7.38 | 13.38 | -6.00 |
| Montana | 6.82 | 13.38 | -6.56 |
| Nebraska | 6.80 | 14.15 | -7.35 |
| Nevada | 10.39 | 11.90 | -1.51 |

New Hampshire 5.16 12.41 -7.25

|  |  |  |  |
| --- | --- | --- | --- |
| New Jersey | 5.58 | 11.30 | -5.72 |
| New Mexico | 7.69 | 14.15 | -6.46 |
| New York | 6.36 | 12.38 | -6.02 |
| North Carolina | 6.23 | 13.06 | -6.83 |

North Dakota 7.12 15.31 -8.19

|  |  |  |  |
| --- | --- | --- | --- |
| Ohio | 7.81 | 12.92 | -5.11 |
| Oklahoma | 7.37 | 14.20 | -6.83 |
| Oregon | 7.43 | 12.55 | -5.12 |
| Pennsylvania | 6.45 | 12.45 | -6.00 |

Rhode Island 6.09 13.57 -7.48

|  |  |  |  |
| --- | --- | --- | --- |
| South Carolina | 6.29 | 13.59 | -7.30 |
| South Dakota | 5.95 | 14.74 | -8.79 |
| Tennessee | 7.03 | 12.70 | -5.67 |
| Texas | 8.40 | 14.58 | -6.18 |

Utah 12.41 19.02 -6.61

|  |  |  |  |
| --- | --- | --- | --- |
| Vermont | 5.77 | 13.11 | -7.34 |
| Virginia | 7.38 | 13.07 | -5.69 |
| Washington | 7.86 | 13.07 | -5.21 |
| West Virginia | 6.06 | 12.20 | -6.14 |

|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 7.59 | 13.50 | -5.91 |
| Wyoming | 7.48 | 14.29 | -6.81 |
| Puerto Rico | 10.02 | 14.59 | -4.57 |

Virgin Islands 10.67 11.73 -1.06

|  |  |  |  |
| --- | --- | --- | --- |
| Median | 7.12 | 13.38 | -6.18 |
| Mean | 7.32 | 13.42 | -6.10 |
| Standard Deviation | 1.51 | 1.24 | 1.45 |
| Range | 7.47 | 7.72 | 7.73 |

Table 10. Percentage of Adults Aged 25-34 in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

Alabama 14.18 17.33 -3.15

Alaska 17.76 17.65 0.11

Arizona 15.95 19.42 -3.47

Arkansas 13.05 17.22 -4.17

California 18.18 19.75 -1.57



Colorado 17.33 20.48 -3.15

Connecticut 12.14 15.15 -3.01

Delaware 15.09 17.03 -1.94

District of Columbia 19.97 23.43 -3.46

Florida 12.24 15.73 -3.49



Georgia 15.27 20.45 -5.18

Hawaii 14.56 16.89 -2.33

Idaho 16.74 18.06 -1.32

Illinois 15.15 18.62 -3.47

Indiana 16.55 17.49 -0.94

Iowa 13.90 16.17 -2.27



Kansas 13.76 17.33 -3.57

Kentucky 13.21 17.72 -4.51

Louisiana 15.64 17.94 -2.30

Maine 13.37 14.10 -0.73

Maryland 14.36 16.84 -2.48



Massachusetts 13.50 17.29 -3.79

Michigan 12.39 17.05 -4.66

Minnesota 14.65 17.38 -2.73

Mississippi 13.63 18.02 -4.39

Missouri 12.98 16.96 -3.98



Montana 12.67 15.11 -2.44

Nebraska 14.53 17.44 -2.91

Nevada 15.01 19.81 -4.80

New Hampshire 13.36 14.75 -1.39

New Jersey 12.77 16.43 -3.66



New Mexico 13.81 16.96 -3.15

New York 13.70 17.77 -4.07

North Carolina 15.51 18.84 -3.33

North Dakota 12.91 16.33 -3.42

Ohio 12.72 16.75 -4.03



Oklahoma 14.55 17.59 -3.04

Oregon 14.23 18.19 -3.96

Pennsylvania 12.40 15.26 -2.86

Rhode Island 13.16 16.45 -3.29

South Carolina 13.01 17.66 -4.65



South Dakota 14.41 16.16 -1.75

Tennessee 14.10 17.99 -3.89

Table 10. Percentage of Adults Aged 25-34 in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

Texas 16.78 20.25 -3.47

Utah 21.08 23.67 -2.59

Vermont 12.20 14.58 -2.38



Virginia 13.28 17.72 -4.44

Washington 14.11 18.03 -3.92

West Virginia 13.86 15.73 -1.87

Wisconsin 13.74 16.52 -2.78

Wyoming 13.72 15.95 -2.23

Puerto Rico 11.15 19.23 -8.08

Virgin Islands 16.05 18.44 -2.39



Median 13.90 17.38 -3.15



Mean 14.42 17.57 -3.15



Standard Deviation 1.92 1.87 1.29



Range 9.93 9.57 8.19

Table 11. Percentage of Adults Aged 35-44 in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

|  |  |  |  |
| --- | --- | --- | --- |
| Alabama | 16.93 | 18.70 | -1.77 |
| Alaska | 22.65 | 21.57 | 1.08 |
| Arizona | 18.05 | 19.07 | -1.02 |
| Arkansas | 18.56 | 18.29 | 0.27 |

California 21.37 20.92 0.45

|  |  |  |  |
| --- | --- | --- | --- |
| Colorado | 20.45 | 20.67 | -0.22 |
| Connecticut | 19.67 | 20.71 | -1.04 |
| Delaware | 18.39 | 19.74 | -1.35 |
| District of Columbia | 20.05 | 18.73 | 1.32 |

Florida 17.52 18.58 -1.06

|  |  |  |  |
| --- | --- | --- | --- |
| Georgia | 17.45 | 21.27 | -3.82 |
| Hawaii | 18.74 | 18.70 | 0.04 |
| Idaho | 18.10 | 18.55 | -0.45 |
| Illinois | 20.36 | 20.04 | 0.32 |

Indiana 20.39 19.29 1.10

|  |  |  |  |
| --- | --- | --- | --- |
| Iowa | 16.78 | 17.96 | -1.18 |
| Kansas | 18.49 | 18.64 | -0.15 |
| Kentucky | 18.05 | 19.38 | -1.33 |
| Louisiana | 19.00 | 18.93 | 0.07 |

Maine 19.35 19.29 0.06

|  |  |  |  |
| --- | --- | --- | --- |
| Maryland | 19.94 | 21.21 | -1.27 |
| Massachusetts | 20.85 | 20.50 | 0.35 |
| Michigan | 18.19 | 19.69 | -1.50 |
| Minnesota | 18.63 | 20.27 | -1.64 |

Mississippi 17.61 18.53 -0.92

|  |  |  |  |
| --- | --- | --- | --- |
| Missouri | 18.08 | 19.04 | -0.96 |
| Montana | 17.73 | 17.36 | 0.37 |
| Nebraska | 18.10 | 18.40 | -0.30 |
| Nevada | 18.82 | 20.61 | -1.79 |

New Hampshire 20.66 21.17 -0.51

|  |  |  |  |
| --- | --- | --- | --- |
| New Jersey | 19.31 | 21.20 | -1.89 |
| New Mexico | 17.10 | 18.57 | -1.47 |
| New York | 20.27 | 20.14 | 0.13 |
| North Carolina | 19.78 | 19.85 | -0.07 |

North Dakota 19.08 16.85 2.23

|  |  |  |  |
| --- | --- | --- | --- |
| Ohio | 17.61 | 19.15 | -1.54 |
| Oklahoma | 17.63 | 18.12 | -0.49 |
| Oregon | 16.26 | 18.50 | -2.24 |
| Pennsylvania | 18.46 | 18.69 | -0.23 |

Rhode Island 20.00 19.47 0.53

|  |  |  |  |
| --- | --- | --- | --- |
| South Carolina | 18.52 | 19.03 | -0.51 |
| South Dakota | 17.85 | 17.83 | 0.02 |
| Tennessee | 19.76 | 19.48 | 0.28 |
| Texas | 18.96 | 20.44 | -1.48 |

Utah 18.26 17.81 0.45

|  |  |  |  |
| --- | --- | --- | --- |
| Vermont | 18.36 | 18.97 | -0.61 |
| Virginia | 18.97 | 20.46 | -1.49 |
| Washington | 18.82 | 20.05 | -1.23 |
| West Virginia | 17.91 | 17.34 | 0.57 |

|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 18.85 | 19.56 | -0.71 |
| Wyoming | 17.90 | 17.53 | 0.37 |
| Puerto Rico | 17.52 | 18.47 | -0.95 |

Virgin Islands 21.19 21.19 0.00

|  |  |  |  |
| --- | --- | --- | --- |
| Median | 18.56 | 19.15 | -0.49 |
| Mean | 18.82 | 19.33 | -0.51 |
| Standard Deviation | 1.28 | 1.16 | 1.01 |
| Range | 6.39 | 4.72 | 6.05 |

Table 12. Percentage of Adults Aged 45-54 in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

|  |  |  |  |
| --- | --- | --- | --- |
| Alabama | 21.82 | 18.79 | 3.03 |
| Alaska | 24.30 | 23.09 | 1.21 |
| Arizona | 18.86 | 17.27 | 1.59 |
| Arkansas | 20.61 | 18.06 | 2.55 |

California 20.37 18.65 1.72

|  |  |  |  |
| --- | --- | --- | --- |
| Colorado | 22.76 | 19.77 | 2.99 |
| Connecticut | 23.67 | 20.13 | 3.54 |
| Delaware | 21.72 | 18.68 | 3.04 |
| District of Columbia | 17.75 | 16.38 | 1.37 |

Florida 19.75 17.81 1.94

|  |  |  |  |
| --- | --- | --- | --- |
| Georgia | 22.00 | 18.59 | 3.41 |
| Hawaii | 20.96 | 19.31 | 1.65 |
| Idaho | 20.77 | 18.95 | 1.82 |
| Illinois | 21.93 | 18.88 | 3.05 |

Indiana 21.16 19.09 2.07

|  |  |  |  |
| --- | --- | --- | --- |
| Iowa | 22.44 | 19.05 | 3.39 |
| Kansas | 21.63 | 19.10 | 2.53 |
| Kentucky | 21.79 | 19.08 | 2.71 |
| Louisiana | 22.83 | 18.95 | 3.88 |

Maine 24.77 20.82 3.95

|  |  |  |  |
| --- | --- | --- | --- |
| Maryland | 23.25 | 20.08 | 3.17 |
| Massachusetts | 22.58 | 19.12 | 3.46 |
| Michigan | 22.86 | 19.70 | 3.16 |
| Minnesota | 23.04 | 19.68 | 3.36 |

Mississippi 22.84 18.30 4.54

|  |  |  |  |
| --- | --- | --- | --- |
| Missouri | 21.14 | 18.91 | 2.23 |
| Montana | 23.76 | 21.00 | 2.76 |
| Nebraska | 22.45 | 18.96 | 3.49 |
| Nevada | 18.98 | 18.16 | 0.82 |

New Hampshire 24.45 21.14 3.31

|  |  |  |  |
| --- | --- | --- | --- |
| New Jersey | 22.11 | 19.68 | 2.43 |
| New Mexico | 21.08 | 19.44 | 1.64 |
| New York | 22.11 | 18.80 | 3.31 |
| North Carolina | 20.13 | 18.38 | 1.75 |

North Dakota 23.33 19.16 4.17

|  |  |  |  |
| --- | --- | --- | --- |
| Ohio | 22.20 | 19.56 | 2.64 |
| Oklahoma | 19.62 | 18.47 | 1.15 |
| Oregon | 21.04 | 19.59 | 1.45 |
| Pennsylvania | 22.09 | 19.42 | 2.67 |

Rhode Island 24.08 19.01 5.07

|  |  |  |  |
| --- | --- | --- | --- |
| South Carolina | 21.20 | 18.69 | 2.51 |
| South Dakota | 20.82 | 19.05 | 1.77 |
| Tennessee | 21.47 | 18.93 | 2.54 |
| Texas | 20.09 | 18.50 | 1.59 |

Utah 18.87 16.27 2.60

|  |  |  |  |
| --- | --- | --- | --- |
| Vermont | 22.89 | 21.22 | 1.67 |
| Virginia | 23.70 | 19.50 | 4.20 |
| Washington | 21.69 | 19.92 | 1.77 |
| West Virginia | 22.44 | 19.59 | 2.85 |

|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 23.05 | 19.66 | 3.39 |
| Wyoming | 24.24 | 21.24 | 3.00 |
| Puerto Rico | 20.69 | 16.86 | 3.83 |

 Virgin Islands 21.03 20.88 0.15

|  |  |  |  |
| --- | --- | --- | --- |
| Median | 21.93 | 19.08 | 2.67 |
| Mean | 21.83 | 19.19 | 2.64 |
| Standard Deviation | 1.54 | 1.19 | 1.00 |
| Range | 7.02 | 6.82 | 4.92 |

Table 13. Percentage of Adults Aged 55-64 in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

|  |  |  |  |
| --- | --- | --- | --- |
| Alabama | 18.83 | 14.10 | 4.73 |
| Alaska | 15.11 | 13.57 | 1.54 |
| Arizona | 15.94 | 13.07 | 2.87 |
| Arkansas | 19.13 | 14.25 | 4.88 |

California 14.27 12.54 1.73

|  |  |  |  |
| --- | --- | --- | --- |
| Colorado | 15.08 | 12.78 | 2.30 |
| Connecticut | 16.99 | 14.34 | 2.65 |
| Delaware | 16.57 | 13.87 | 2.70 |
| District of Columbia | 16.08 | 12.58 | 3.50 |

Florida 18.81 14.01 4.80

|  |  |  |  |
| --- | --- | --- | --- |
| Georgia | 16.86 | 12.68 | 4.18 |
| Hawaii | 17.31 | 14.50 | 2.81 |
| Idaho | 16.62 | 13.49 | 3.13 |
| Illinois | 16.05 | 13.07 | 2.98 |

Indiana 15.90 13.47 2.43

|  |  |  |  |
| --- | --- | --- | --- |
| Iowa | 17.16 | 13.51 | 3.65 |
| Kansas | 16.17 | 13.01 | 3.16 |
| Kentucky | 17.06 | 14.06 | 3.00 |
| Louisiana | 16.52 | 13.37 | 3.15 |

Maine 17.94 15.20 2.74

|  |  |  |  |
| --- | --- | --- | --- |
| Maryland | 17.45 | 14.10 | 3.35 |
| Massachusetts | 17.28 | 13.46 | 3.82 |
| Michigan | 17.89 | 13.75 | 4.14 |
| Minnesota | 18.26 | 13.04 | 5.22 |

Mississippi 17.98 13.31 4.67

|  |  |  |  |
| --- | --- | --- | --- |
| Missouri | 16.91 | 13.76 | 3.15 |
| Montana | 18.67 | 15.02 | 3.65 |
| Nebraska | 16.36 | 13.03 | 3.33 |
| Nevada | 18.24 | 13.96 | 4.28 |

New Hampshire 17.40 14.49 2.91

|  |  |  |  |
| --- | --- | --- | --- |
| New Jersey | 17.01 | 13.86 | 3.15 |
| New Mexico | 17.83 | 14.21 | 3.62 |
| New York | 16.85 | 13.68 | 3.17 |
| North Carolina | 17.52 | 13.53 | 3.99 |

North Dakota 15.63 12.98 2.65

|  |  |  |  |
| --- | --- | --- | --- |
| Ohio | 18.17 | 13.83 | 4.34 |
| Oklahoma | 17.94 | 13.82 | 4.12 |
| Oregon | 19.71 | 14.24 | 5.47 |
| Pennsylvania | 17.57 | 14.06 | 3.51 |

Rhode Island 16.16 13.37 2.79

|  |  |  |  |
| --- | --- | --- | --- |
| South Carolina | 19.03 | 14.29 | 4.74 |
| South Dakota | 16.17 | 12.95 | 3.22 |
| Tennessee | 16.99 | 14.18 | 2.81 |
| Texas | 16.23 | 12.33 | 3.90 |

Utah 13.33 10.57 2.76

|  |  |  |  |
| --- | --- | --- | --- |
| Vermont | 18.85 | 15.14 | 3.71 |
| Virginia | 17.64 | 14.01 | 3.63 |
| Washington | 18.06 | 13.77 | 4.29 |
| West Virginia | 17.39 | 15.28 | 2.11 |

|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 16.30 | 13.42 | 2.88 |
| Wyoming | 16.95 | 14.81 | 2.14 |
| Puerto Rico | 18.98 | 14.13 | 4.85 |

 Virgin Islands 17.42 15.49 1.93

|  |  |  |  |
| --- | --- | --- | --- |
| Median | 17.16 | 13.77 | 3.22 |
| Mean | 17.14 | 13.72 | 3.42 |
| Standard Deviation | 1.24 | 0.84 | 0.90 |
| Range | 6.38 | 4.92 | 3.93 |

Table 14. Percentage of Adults Aged 65+ in BRFSS and Population Data by State, 2005

**State BRFSS Percent Population Percent Difference**

|  |  |  |  |
| --- | --- | --- | --- |
| Alabama | 21.60 | 17.74 | 3.86 |
| Alaska | 9.68 | 9.43 | 0.25 |
| Arizona | 23.53 | 17.72 | 5.81 |
| Arkansas | 21.58 | 18.78 | 2.80 |

California 15.22 14.59 0.63

|  |  |  |  |
| --- | --- | --- | --- |
| Colorado | 16.20 | 13.24 | 2.96 |
| Connecticut | 20.94 | 18.00 | 2.94 |
| Delaware | 18.59 | 17.56 | 1.03 |
| District of Columbia | 17.14 | 15.16 | 1.98 |

Florida 24.27 22.40 1.87

|  |  |  |  |
| --- | --- | --- | --- |
| Georgia | 19.80 | 13.24 | 6.56 |
| Hawaii | 19.30 | 17.87 | 1.43 |
| Idaho | 18.71 | 15.88 | 2.83 |
| Illinois | 18.38 | 16.18 | 2.20 |

Indiana 17.24 16.79 0.45

|  |  |  |  |
| --- | --- | --- | --- |
| Iowa | 22.76 | 19.44 | 3.32 |
| Kansas | 23.05 | 17.53 | 5.52 |
| Kentucky | 23.28 | 16.71 | 6.57 |
| Louisiana | 17.17 | 16.04 | 1.13 |

Maine 18.04 18.77 -0.73

|  |  |  |  |
| --- | --- | --- | --- |
| Maryland | 17.14 | 15.47 | 1.67 |
| Massachusetts | 17.74 | 17.47 | 0.27 |
| Michigan | 20.81 | 16.61 | 4.20 |
| Minnesota | 19.91 | 16.19 | 3.72 |

Mississippi 20.67 16.70 3.97

|  |  |  |  |
| --- | --- | --- | --- |
| Missouri | 22.85 | 17.95 | 4.90 |
| Montana | 19.42 | 18.13 | 1.29 |
| Nebraska | 21.11 | 18.02 | 3.09 |
| Nevada | 18.53 | 15.56 | 2.97 |

New Hampshire 17.62 16.05 1.57

|  |  |  |  |
| --- | --- | --- | --- |
| New Jersey | 21.41 | 17.53 | 3.88 |
| New Mexico | 22.26 | 16.68 | 5.58 |
| New York | 19.44 | 17.23 | 2.21 |
| North Carolina | 20.34 | 16.34 | 4.00 |

North Dakota 21.07 19.38 1.69

|  |  |  |  |
| --- | --- | --- | --- |
| Ohio | 20.67 | 17.79 | 2.88 |
| Oklahoma | 22.57 | 17.80 | 4.77 |
| Oregon | 21.20 | 16.95 | 4.25 |
| Pennsylvania | 22.03 | 20.12 | 1.91 |

Rhode Island 19.22 18.15 1.07

|  |  |  |  |
| --- | --- | --- | --- |
| South Carolina | 21.13 | 16.73 | 4.40 |
| South Dakota | 24.16 | 19.27 | 4.89 |
| Tennessee | 20.13 | 16.72 | 3.41 |
| Texas | 18.65 | 13.89 | 4.76 |

Utah 15.55 12.66 2.89

|  |  |  |  |
| --- | --- | --- | --- |
| Vermont | 20.82 | 16.98 | 3.84 |
| Virginia | 18.44 | 15.24 | 3.20 |
| Washington | 19.38 | 15.15 | 4.23 |
| West Virginia | 22.05 | 19.86 | 2.19 |

|  |  |  |  |
| --- | --- | --- | --- |
| Wisconsin | 19.37 | 17.34 | 2.03 |
| Wyoming | 19.15 | 16.18 | 2.97 |
| Puerto Rico | 21.21 | 16.71 | 4.50 |

Virgin Islands 11.66 12.27 -0.61



|  |  |  |  |
| --- | --- | --- | --- |
| Median | 19.91 | 16.79 | 2.96 |
| Mean | 19.70 | 16.76 | 2.94 |
| Standard Deviation | 2.79 | 2.13 | 1.71 |
| Range | 14.59 | 12.97 | 7.30 |

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

State, 2005

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

Alabama 9.99 6.53 16.52

Alaska 7.78 3.96 11.74

Arizona 7.96 7.05 15.01

Arkansas 7.38 6.38 13.76

California 3.32 5.68 9.00



Colorado 5.47 5.82 11.29

Connecticut 5.28 9.82 15.10

Delaware 7.55 15.80 23.35

District of Columbia 4.72 6.99 11.71

Florida 0 14.42 14.42

Georgia 7.84 6.97 14.81



Hawaii 9.14 4.26 13.40

Idaho 5.79 5.00 10.79

Illinois 5.74 6.66 12.40

Indiana 5.92 7.04 12.96

Iowa 6.35 6.16 12.51

Kansas 7.69 6.28 13.97



Kentucky 11.59 10.32 21.91

Louisiana 8.75 8.25 17.00

Maine 5.84 6.07 11.91

Maryland 5.15 8.79 13.94



Massachusetts 6.46 9.02 15.48

Michigan 6.94 7.94 14.88

Minnesota 7.84 4.11 11.95

Mississippi 9.96 5.55 15.51

Missouri 6.12 7.01 13.13



Montana 6.17 7.33 13.50

Nebraska 6.82 5.65 12.47

Nevada 7.23 6.27 13.50

New Hampshire 5.58 7.72 13.30

New Jersey 6.38 9.55 15.93

New Mexico 7.17 6.13 13.30



New York 5.83 7.22 13.05

North Carolina 7.44 7.42 14.86

North Dakota 5.83 7.27 13.10

Ohio 5.45 6.79 12.24

Oklahoma 7.18 6.07 13.25



Oregon 5.89 5.83 11.72

Pennsylvania 6.51 8.72 15.23

Rhode Island 7.23 9.85 17.08

South Carolina 7.47 5.86 13.33

South Dakota 7.08 5.61 12.69



Tennessee 7.11 10.56 17.67

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

State, 2005

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

Texas 9.16 6.40 15.56

Utah 6.96 4.17 11.13

Vermont 5.03 6.34 11.37

Virginia 7.91 5.75 13.66



Washington 5.4 6.76 12.16

West Virginia 9.11 3.16 12.27

Wisconsin 3.15 8.53 11.68

Wyoming 5 5.79 10.79

Puerto Rico 13.4 1.09 14.49

Virgin Islands 10.75 4.75 15.50



Median 6.94 6.53 13.33



Mean 6.88 6.95 13.84



Standard Deviation 2.10 2.41 2.49



Range 13.40 14.71 14.35