

**2002**

**Behavioral Risk Factor Surveillance System**

**Summary Data Quality Report**

**June 1, 2003**

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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 gender, age, and race/ethnicity.

(3) Missing values on 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.

Tables 1 and 2 present the frequency of the individual final disposition codes by state. Table 1 shows the distribution of all cases of determined eligibility status in the sample. Table 2 presents this distribution for numbers of unknown eligibility. The number of completed interviews (110) plus the number of partial interviews (120) divided by the total number of cases by state is the Efficiency Rate.

Table 3 presents brief descriptions of each final call disposition code.

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.

|  |  |  |
| --- | --- | --- |
| **Categories of Case Outcomes** | | |
| Category | Disposition Code Definition | Format in Tables/Formulas |
| Completed Interview | 01 | COIN |
| Terminations and Refusals | (210\*.68)+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 |

1 In this report, “state” includes the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and Guam.

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 Case Outcomes** | | |
| Category | Disposition Code Definition | Format in Tables/Formulas |
| 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+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 | Unknown |
| Ineligible | 410+420+NOSN | Ineligible |
| All Known or Probable  Households | COIN+TERE+KNHH+LIHH+  INHH | HH |
| Total Cases | All numbers in sample | TOTAL |

Table 6 provides six 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 cases as households with working numbers has been resolved. Cases 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 cases interviewed of all eligible units that were 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 an eligible

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 completed 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 in these cases. The BRFSS CASRO 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*)⎟ ×*Unknown*⎥

⎣ ⎝ ⎠ ⎦

Table 5 also presents the BRFSS Overall Response Rate. The Overall Response Rate is a more conservative response rate that assumes that more unknown cases are eligible and thus includes a higher proportion of all numbers in the denominator. The rate assumes that 90 percent of likely households are households and that 98 percent of households contain an adult who uses the phone number.

The Overall Response Rate formula is

⎡

.⎢

⎣ (.98 \* (*COIN* + *TERE* + *KNHH*

*COIN*

+ *INHH*

+ (.90 \* ( *LIHH*

⎤

+ *AMUR* )))) ⎥

⎦

A 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.

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 telephones, and number of adults in the household.3 Since these factors are built into the

sample design, they should be adjusted for before comparing survey distributions to population distributions. No standards exist to determine 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.

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

Income Missing Values

Table 15 presents the percent missing (Don’t know/Not sure or 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. BRFSS Call Dispositions, Frequency Distribution by State for Cases of Known Eligibility, 2002

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | 110 | 120 | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | Total Eligible | 405 | 410 | 420 | 430 | 440 | 450 | Total Ineligible |
| AK | 2,641 | 53 | 100 | 561 | 179 | 157 | 53 | 26 | 37 | 4 | 3,811 | 0 | 31 | 2,484 | 846 | 289 | 24,346 | 27,996 |
| AL | 2,956 | 135 | 198 | 543 | 212 | 50 | 8 | 67 | 1 | 1 | 4,172 | 0 | 23 | 1,909 | 356 | 537 | 7,229 | 10,054 |
| AR | 3,767 | 130 | 203 | 847 | 159 | 422 | 33 | 191 | 36 | 3 | 5,791 | 1 | 35 | 3,017 | 588 | 319 | 17,648 | 21,608 |
| AZ | 3,068 | 159 | 121 | 853 | 106 | 371 | 93 | 62 | 0 | 0 | 4,833 | 0 | 35 | 2,780 | 588 | 0 | 13,122 | 16,525 |
| CA | 4,041 | 174 | 147 | 1,581 | 432 | 246 | 731 | 145 | 0 | 5 | 7,502 | 0 | 65 | 5,376 | 1,941 | 1,364 | 21,488 | 30,234 |
| CO | 3,913 | 139 | 100 | 843 | 464 | 182 | 38 | 116 | 40 | 12 | 5,847 | 0 | 28 | 5,070 | 1,134 | 79 | 15,768 | 22,079 |
| CT | 5,121 | 442 | 139 | 2,134 | 246 | 917 | 126 | 143 | 0 | 0 | 9,268 | 0 | 83 | 6,970 | 1,327 | 0 | 26,496 | 34,876 |
| DC | 2,257 | 151 | 66 | 656 | 153 | 271 | 57 | 32 | 0 | 0 | 3,643 | 0 | 40 | 8,050 | 1,112 | 0 | 18,778 | 27,980 |
| DE | 4,019 | 12 | 20 | 669 | 20 | 1,191 | 6 | 71 | 4 | 0 | 6,012 | 0 | 56 | 3,397 | 666 | 542 | 22,980 | 27,641 |
| FL | 5,797 | 353 | 343 | 2,017 | 103 | 1,184 | 264 | 141 | 0 | 0 | 10,202 | 0 | 118 | 7,031 | 1,660 | 0 | 26,912 | 35,721 |
| GA | 4,934 | 131 | 234 | 1,728 | 575 | 208 | 80 | 162 | 10 | 5 | 8,067 | 15 | 65 | 5,842 | 1,499 | 1,378 | 24,144 | 32,943 |
| GU | 805 | 26 | 31 | 161 | 70 | 122 | 104 | 13 | 0 | 0 | 1,332 | 0 | 8 | 1,320 | 295 | 0 | 5,396 | 7,019 |
| HI | 6,000 | 0 | 7 | 785 | 0 | 439 | 833 | 208 | 8 | 0 | 8,280 | 44 | 19 | 5,958 | 3,494 | 104 | 32,165 | 41,784 |
| IA | 3,517 | 145 | 63 | 696 | 220 | 298 | 36 | 138 | 23 | 5 | 5,141 | 0 | 9 | 2,003 | 544 | 634 | 18,625 | 21,815 |
| ID | 4,857 | 180 | 204 | 981 | 216 | 386 | 65 | 109 | 195 | 25 | 7,218 | 2 | 32 | 4,009 | 1,311 | 323 | 22,988 | 28,665 |
| IL | 5,242 | 0 | 58 | 840 | 1,741 | 145 | 68 | 151 | 55 | 42 | 8,342 | 0 | 32 | 5,124 | 1,493 | 1,409 | 24,549 | 32,607 |
| IN | 5,487 | 302 | 323 | 1,639 | 346 | 836 | 31 | 134 | 90 | 8 | 9,196 | 2 | 32 | 5,154 | 1,096 | 1,468 | 26,014 | 33,766 |
| KS | 4,474 | 128 | 100 | 1,284 | 263 | 132 | 16 | 40 | 76 | 5 | 6,518 | 2 | 20 | 4,310 | 982 | 727 | 29,474 | 35,515 |
| KY | 7,051 | 16 | 42 | 957 | 18 | 806 | 12 | 103 | 63 | 0 | 9,074 | 3 | 26 | 4,253 | 182 | 45 | 35,558 | 40,067 |
| LA | 4,895 | 135 | 208 | 2,338 | 698 | 386 | 32 | 259 | 22 | 4 | 8,977 | 1 | 107 | 4,510 | 1,274 | 180 | 24,848 | 30,920 |
| MA | 6,489 | 940 | 348 | 3,218 | 330 | 1,306 | 338 | 160 | 0 | 0 | 13,129 | 0 | 110 | 11,130 | 1,838 | 0 | 43,320 | 56,398 |
| MD | 4,191 | 210 | 89 | 1,760 | 229 | 710 | 89 | 99 | 0 | 0 | 7,377 | 0 | 78 | 5,613 | 1,240 | 0 | 24,934 | 31,865 |
| ME | 2,322 | 116 | 39 | 723 | 69 | 154 | 9 | 57 | 0 | 0 | 3,489 | 0 | 22 | 1,470 | 289 | 0 | 9,284 | 11,065 |
| MI | 5,804 | 129 | 109 | 1,362 | 1,110 | 97 | 58 | 188 | 0 | 0 | 8,857 | 0 | 171 | 6,943 | 45 | 2,929 | 24,523 | 34,611 |
| MN | 4,494 | 0 | 15 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 4,516 | 0 | 59 | 2,326 | 639 | 410 | 17,682 | 21,116 |
| MO | 4,541 | 189 | 211 | 681 | 738 | 67 | 23 | 128 | 20 | 10 | 6,608 | 3 | 47 | 2,951 | 706 | 1,541 | 19,043 | 24,291 |
| MS | 3,936 | 149 | 203 | 1,080 | 347 | 191 | 15 | 169 | 8 | 2 | 6,100 | 14 | 38 | 3,299 | 790 | 1,592 | 16,386 | 22,119 |
| MT | 3,847 | 189 | 53 | 1,115 | 132 | 291 | 5 | 100 | 0 | 0 | 5,732 | 0 | 21 | 2,474 | 563 | 0 | 25,839 | 28,897 |
| NC | 6,580 | 168 | 150 | 1,266 | 494 | 455 | 24 | 216 | 23 | 7 | 9,383 | 2 | 37 | 4,662 | 1,149 | 798 | 19,463 | 26,111 |
| ND | 2,864 | 132 | 98 | 640 | 130 | 230 | 4 | 66 | 35 | 0 | 4,199 | 2 | 18 | 2,142 | 316 | 277 | 20,762 | 23,517 |
| NE | 4,380 | 3 | 43 | 597 | 166 | 75 | 8 | 27 | 37 | 5 | 5,341 | 0 | 22 | 2,788 | 529 | 544 | 20,885 | 24,768 |
| NH | 4,738 | 301 | 105 | 1,777 | 223 | 498 | 48 | 99 | 0 | 0 | 7,789 | 0 | 46 | 4,300 | 969 | 0 | 23,872 | 29,187 |
| NJ | 5,752 | 427 | 262 | 2,512 | 253 | 1,273 | 347 | 130 | 0 | 0 | 10,956 | 0 | 249 | 11,613 | 3,098 | 0 | 44,166 | 59,126 |
| NM | 4,476 | 195 | 140 | 948 | 464 | 161 | 22 | 153 | 36 | 9 | 6,607 | 1 | 25 | 3,140 | 962 | 442 | 16,731 | 21,301 |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | 110 | 120 | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | Total Eligible | 405 | 410 | 420 | 430 | 440 | 450 | Total Ineligible |
| NV | 3,100 | 56 | 25 | 458 | 334 | 16 | 11 | 65 | 29 | 8 | 4,102 | 1 | 79 | 2,544 | 1,122 | 486 | 15,065 | 19,297 |
| NY | 4,162 | 304 | 269 | 1,454 | 387 | 1,018 | 167 | 128 | 100 | 13 | 8,002 | 4 | 35 | 6,465 | 1,662 | 884 | 21,083 | 30,133 |
| OH | 3,860 | 232 | 73 | 1,755 | 215 | 470 | 25 | 106 | 0 | 0 | 6,736 | 0 | 44 | 3,681 | 760 | 0 | 16,268 | 20,753 |
| OK | 6,756 | 17 | 144 | 1,037 | 449 | 494 | 11 | 123 | 28 | 7 | 9,066 | 0 | 79 | 4,118 | 964 | 1,331 | 27,241 | 33,733 |
| OR | 2,962 | 113 | 114 | 779 | 176 | 305 | 36 | 82 | 24 | 3 | 4,594 | 1 | 26 | 2,966 | 780 | 367 | 12,472 | 16,612 |
| PA | 12,759 | 732 | 711 | 3,843 | 804 | 1,844 | 155 | 377 | 215 | 12 | 21,452 | 96 | 345 | 12,738 | 3,548 | 3,293 | 64,582 | 84,602 |
| PR | 4,117 | 2 | 31 | 124 | 331 | 55 | 3 | 157 | 11 | 12 | 4,846 | 0 | 5 | 1,306 | 370 | 3,220 | 4,162 | 9,063 |
| RI | 3,528 | 315 | 94 | 1,362 | 191 | 473 | 137 | 101 | 0 | 1 | 6,202 | 0 | 42 | 3,587 | 701 | 0 | 20,955 | 25,285 |
| SC | 4,096 | 407 | 365 | 1,414 | 340 | 894 | 32 | 155 | 119 | 11 | 7,833 | 5 | 44 | 4,519 | 919 | 362 | 18,756 | 24,605 |
| SD | 4,749 | 39 | 86 | 1,083 | 200 | 106 | 15 | 35 | 44 | 8 | 6,365 | 0 | 20 | 2,883 | 598 | 406 | 29,347 | 33,254 |
| TN | 3,170 | 37 | 16 | 0 | 6 | 0 | 0 | 0 | 0 | 1 | 3,230 | 0 | 58 | 1,719 | 539 | 205 | 9,256 | 11,777 |
| TX | 5,565 | 542 | 483 | 1,954 | 551 | 1,399 | 80 | 194 | 221 | 46 | 11,035 | 0 | 107 | 8,378 | 2,608 | 1,775 | 43,004 | 55,872 |
| UT | 4,019 | 61 | 47 | 512 | 344 | 18 | 67 | 34 | 13 | 4 | 5,119 | 1 | 9 | 1,991 | 643 | 120 | 14,492 | 17,256 |
| VA | 4,043 | 349 | 219 | 1,003 | 422 | 305 | 144 | 112 | 39 | 6 | 6,642 | 29 | 10 | 3,061 | 892 | 734 | 13,790 | 18,516 |
| VI | 2,080 | 199 | 256 | 321 | 137 | 519 | 46 | 63 | 31 | 0 | 3,652 | 1 | 22 | 2,905 | 695 | 208 | 9,342 | 13,173 |
| VT | 4,070 | 169 | 62 | 1,079 | 130 | 340 | 12 | 79 | 0 | 0 | 5,941 | 0 | 23 | 3,098 | 494 | 0 | 26,796 | 30,411 |
| WA | 4,799 | 88 | 172 | 1,671 | 495 | 282 | 158 | 218 | 35 | 6 | 7,924 | 4 | 42 | 5,037 | 1,400 | 2,191 | 21,750 | 30,424 |
| WI | 4,048 | 308 | 148 | 869 | 331 | 14 | 30 | 77 | 166 | 78 | 6,069 | 0 | 21 | 2,344 | 660 | 274 | 12,760 | 16,059 |
| WV | 3,325 | 25 | 41 | 565 | 190 | 148 | 4 | 133 | 14 | 2 | 4,447 | 1 | 12 | 1,260 | 308 | 132 | 7,240 | 8,953 |
| WY | 3,437 | 109 | 88 | 657 | 143 | 296 | 18 | 83 | 21 | 2 | 4,854 | 0 | 19 | 2,613 | 483 | 940 | 14,420 | 18,475 |
| Cumulative 237,901 10,063 8,016 61,732 17,089 23,253 4,827 6,225 1,929 372 371,420 235 2,849 230,631 55,667 34,859 1,168,199 1,492,440 | | | | | | | | | | | | | | | | | | |
| Median | 4,108 | 142 | 107 | 969 | 226 | 297 | 35 | 111 | 21 | 3 | 6,442 | 0 | 35 | 3,492 | 818 | 343 | 20,920 | 26,876 |

Table 2. BRFSS Call Dispositions, Frequency Distribution by State for Cases of Unknown Eligibility, 2002

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | 305 | 310 | 315 | 320 | 325 | 330 | 332 | 335 | 340 | 345 | 350 | 355 | 360 | 365 | 370 | Total Unknown |
| AK | 43 | 311 | 27 | 23 | 4 | 580 | 50 | 150 | 16 | 256 | 53 | 204 | 1,580 | 1,496 | 0 | 4,793 |
| AL | 17 | 676 | 174 | 20 | 22 | 604 | 8 | 376 | 39 | 66 | 39 | 531 | 581 | 169 | 0 | 3,322 |
| AR | 72 | 708 | 78 | 61 | 29 | 1,549 | 80 | 270 | 1 | 171 | 12 | 377 | 962 | 131 | 0 | 4,501 |
| AZ | 64 | 1,261 | 284 | 219 | 19 | 480 | 108 | 689 | 131 | 3 | 7 | 771 | 1,009 | 997 | 0 | 6,042 |
| CA | 68 | 1,310 | 698 | 793 | 21 | 1,613 | 160 | 448 | 93 | 1,016 | 283 | 125 | 2,419 | 604 | 0 | 9,651 |
| CO | 56 | 531 | 103 | 31 | 23 | 1,410 | 245 | 172 | 9 | 626 | 49 | 188 | 762 | 119 | 0 | 4,324 |
| CT | 712 | 3,775 | 501 | 188 | 78 | 1,301 | 145 | 1,284 | 431 | 41 | 78 | 1,899 | 2,557 | 1,216 | 0 | 14,206 |
| DC | 276 | 1,079 | 347 | 184 | 28 | 589 | 197 | 638 | 180 | 61 | 43 | 858 | 3,607 | 2,240 | 0 | 10,327 |
| DE | 1,117 | 863 | 5 | 56 | 113 | 572 | 7 | 41 | 0 | 714 | 0 | 471 | 1,687 | 1 | 0 | 5,647 |
| FL | 121 | 4,715 | 905 | 842 | 87 | 1,238 | 112 | 2,275 | 264 | 5 | 1 | 2,243 | 3,168 | 1,551 | 0 | 17,527 |
| GA | 92 | 1,823 | 345 | 196 | 56 | 2,882 | 188 | 764 | 84 | 459 | 86 | 695 | 1,878 | 285 | 7 | 9,840 |
| GU | 60 | 62 | 41 | 108 | 2 | 55 | 82 | 47 | 0 | 17 | 1 | 522 | 400 | 252 | 0 | 1,649 |
| HI | 169 | 81 | 0 | 0 | 170 | 1,897 | 0 | 248 | 44 | 154 | 1,044 | 0 | 4,043 | 36 | 0 | 7,886 |
| IA | 61 | 250 | 65 | 57 | 32 | 693 | 111 | 137 | 7 | 395 | 30 | 69 | 749 | 140 | 0 | 2,796 |
| ID | 107 | 546 | 105 | 116 | 10 | 2,117 | 78 | 460 | 2 | 324 | 8 | 332 | 1,240 | 222 | 0 | 5,667 |
| IL | 41 | 220 | 917 | 179 | 70 | 2,497 | 0 | 147 | 9 | 539 | 60 | 0 | 2,507 | 415 | 0 | 7,601 |
| IN | 190 | 1,448 | 148 | 22 | 22 | 3,099 | 136 | 559 | 14 | 507 | 17 | 597 | 1,739 | 290 | 0 | 8,788 |
| KS | 46 | 911 | 106 | 30 | 14 | 2,721 | 49 | 359 | 16 | 135 | 36 | 230 | 1,150 | 214 | 0 | 6,017 |
| KY | 604 | 855 | 57 | 25 | 49 | 2,836 | 9 | 889 | 8 | 356 | 21 | 907 | 1,434 | 117 | 2 | 8,169 |
| LA | 92 | 1,565 | 227 | 45 | 50 | 1,707 | 118 | 523 | 212 | 304 | 32 | 557 | 1,668 | 302 | 1 | 7,403 |
| MA | 981 | 4,877 | 620 | 433 | 114 | 1,537 | 143 | 1,695 | 86 | 85 | 28 | 2,055 | 3,831 | 3,088 | 0 | 19,573 |
| MD | 902 | 2,610 | 498 | 194 | 36 | 1,237 | 203 | 874 | 279 | 74 | 33 | 1,395 | 2,401 | 3,572 | 0 | 14,308 |
| ME | 123 | 601 | 70 | 14 | 27 | 296 | 53 | 186 | 18 | 16 | 6 | 228 | 623 | 385 | 0 | 2,646 |
| MI | 22 | 2,497 | 1,217 | 150 | 112 | 960 | 78 | 1,088 | 519 | 418 | 32 | 576 | 2,271 | 492 | 0 | 10,432 |
| MN | 156 | 529 | 580 | 134 | 170 | 1,347 | 336 | 50 | 0 | 313 | 236 | 96 | 1,103 | 218 | 0 | 5,268 |
| MO | 16 | 387 | 155 | 18 | 19 | 902 | 359 | 121 | 43 | 452 | 263 | 196 | 989 | 128 | 1 | 4,049 |
| MS | 109 | 753 | 167 | 23 | 41 | 1,371 | 126 | 343 | 25 | 232 | 35 | 445 | 1,058 | 153 | 0 | 4,881 |
| MT | 75 | 712 | 81 | 11 | 27 | 492 | 140 | 301 | 57 | 21 | 22 | 760 | 959 | 863 | 0 | 4,521 |
| NC | 117 | 1,236 | 170 | 31 | 40 | 1,315 | 51 | 754 | 115 | 245 | 56 | 554 | 1,425 | 96 | 1 | 6,206 |
| ND | 49 | 417 | 56 | 4 | 19 | 844 | 40 | 154 | 2 | 74 | 3 | 130 | 630 | 62 | 0 | 2,484 |
| NE | 36 | 869 | 118 | 16 | 5 | 853 | 2 | 409 | 14 | 12 | 6 | 237 | 795 | 119 | 0 | 3,491 |
| NH | 265 | 2,009 | 208 | 59 | 44 | 1,003 | 149 | 703 | 29 | 38 | 20 | 650 | 1,875 | 1,722 | 0 | 8,774 |
| NJ | 264 | 5,669 | 934 | 712 | 68 | 1,890 | 573 | 1,998 | 296 | 371 | 105 | 1,865 | 6,988 | 3,078 | 0 | 24,811 |
| NM | 58 | 602 | 88 | 10 | 13 | 1,099 | 133 | 183 | 186 | 532 | 561 | 184 | 1,250 | 201 | 0 | 5,100 |
| NV | 9 | 31 | 9 | 72 | 17 | 2,101 | 629 | 59 | 1 | 425 | 23 | 0 | 1,273 | 194 | 0 | 4,843 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | 305 | 310 | 315 | 320 | 325 | 330 | 332 | 335 | 340 | 345 | 350 | 355 | 360 | 365 | 370 | Total Unknown |
| NY | 417 | 1,527 | 289 | 312 | 35 | 3,263 | 256 | 699 | 10 | 692 | 38 | 523 | 2,845 | 459 | 0 | 11,365 |
| OH | 411 | 1,893 | 247 | 46 | 59 | 982 | 133 | 472 | 239 | 36 | 65 | 840 | 1,327 | 761 | 0 | 7,511 |
| OK | 127 | 767 | 153 | 13 | 19 | 1,509 | 131 | 168 | 13 | 426 | 267 | 183 | 1,515 | 184 | 0 | 5,475 |
| OR | 90 | 647 | 104 | 50 | 18 | 1,294 | 51 | 315 | 2 | 165 | 10 | 257 | 942 | 199 | 0 | 4,144 |
| PA | 835 | 3,131 | 390 | 205 | 64 | 7,564 | 417 | 1,432 | 12 | 1,349 | 57 | 1,111 | 5,842 | 737 | 0 | 23,146 |
| PR | 8 | 55 | 16 | 2 | 5 | 30 | 30 | 177 | 14 | 24 | 8 | 118 | 1,246 | 133 | 0 | 1,866 |
| RI | 392 | 1,828 | 231 | 116 | 56 | 865 | 63 | 542 | 6 | 25 | 2 | 648 | 1,153 | 836 | 0 | 6,763 |
| SC | 323 | 1,124 | 127 | 70 | 27 | 2,633 | 170 | 462 | 1 | 463 | 12 | 552 | 1,447 | 201 | 0 | 7,612 |
| SD | 33 | 671 | 53 | 9 | 4 | 734 | 4 | 306 | 532 | 64 | 55 | 237 | 839 | 40 | 0 | 3,581 |
| TN | 62 | 437 | 84 | 51 | 89 | 2,008 | 27 | 95 | 9 | 284 | 253 | 169 | 869 | 131 | 111 | 4,679 |
| TX | 551 | 2,333 | 343 | 131 | 28 | 4,705 | 294 | 872 | 6 | 868 | 49 | 882 | 3,485 | 696 | 0 | 15,243 |
| UT | 10 | 218 | 31 | 55 | 11 | 444 | 38 | 201 | 0 | 415 | 1 | 168 | 1,023 | 360 | 0 | 2,975 |
| VA | 235 | 769 | 286 | 70 | 60 | 1,320 | 139 | 537 | 54 | 284 | 22 | 256 | 1,364 | 242 | 0 | 5,638 |
| VI | 172 | 246 | 44 | 19 | 9 | 408 | 70 | 203 | 6 | 150 | 101 | 248 | 820 | 79 | 0 | 2,575 |
| VT | 197 | 968 | 156 | 21 | 40 | 530 | 91 | 450 | 13 | 33 | 5 | 414 | 1,253 | 3,927 | 0 | 8,098 |
| WA | 73 | 1,424 | 275 | 220 | 49 | 1,539 | 90 | 484 | 6 | 441 | 15 | 673 | 1,022 | 41 | 0 | 6,352 |
| WI | 13 | 211 | 0 | 32 | 13 | 1,088 | 183 | 983 | 30 | 0 | 0 | 0 | 769 | 0 | 0 | 3,322 |
| WV | 43 | 344 | 47 | 3 | 16 | 589 | 104 | 140 | 15 | 94 | 33 | 164 | 510 | 97 | 1 | 2,200 |
| WY | 76 | 438 | 61 | 17 | 9 | 838 | 42 | 279 | 2 | 134 | 9 | 150 | 776 | 89 | 1 | 2,921 |
| Cumulative | 11,258 | 65,820 | 13,041 | 6,518 | 2,262 | 80,030 | 7,231 | 28,211 | 4,200 | 15,404 | 4,331 | 28,540 | 91,658 | 34,380 | 125 | 393,009 |
| Median | 92 | 768 | 151 | 53 | 28 | 1,266 | 110 | 393 | 15 | 239 | 32 | 396 | 1,252 | 220 | 0 | 5,657 |

Table 3. Summary of 2002 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 cases 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, a mobile phone, or a dedicated fax/data line.

Give final disposition when informed.

430 Dedicated Fax/data Line with No Human Contact

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

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

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 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes by State, 2002 | | | | | | | | | | | | | | | | |
| **State** | **COIN** | **TERE** | **KNHH** | **LIHH** | **AMUR** | **INHH** | **NCUS** | **BUNR** | **NOSN** | **Elig HH** | **Total**  **Eligible** | **EUHH** | **Unknown** | **Ineligible** | **HH** | **TOTAL** |
| AK | 2,726 | 629 | 987 | 877 | 309 | 31 | 3,076 | 2,484 | 25,481 | 1,117 | 3,811 | 1,717 | 4,793 | 27,996 | 5,250 | 36,600 |
| AL | 3,154 | 678 | 1,582 | 1,224 | 105 | 23 | 750 | 1,909 | 8,122 | 1,080 | 4,172 | 2,572 | 3,322 | 10,054 | 6,661 | 17,547 |
| AR | 3,962 | 985 | 1,972 | 2,097 | 183 | 35 | 1,093 | 3,017 | 18,556 | 1,894 | 5,791 | 3,408 | 4,501 | 21,608 | 9,051 | 31,900 |
| AZ | 3,266 | 935 | 2,930 | 1,728 | 10 | 35 | 2,006 | 2,780 | 13,710 | 1,606 | 4,833 | 4,036 | 6,042 | 16,525 | 8,894 | 27,400 |
| CA | 4,262 | 1,681 | 4,083 | 2,806 | 1,299 | 65 | 3,023 | 5,376 | 24,793 | 3,287 | 7,502 | 6,629 | 9,651 | 30,234 | 12,897 | 47,388 |
| CO | 4,084 | 911 | 1,714 | 1,906 | 675 | 28 | 881 | 5,070 | 16,981 | 1,795 | 5,847 | 3,443 | 4,324 | 22,079 | 8,643 | 32,250 |
| CT | 5,607 | 2,229 | 7,704 | 4,042 | 119 | 83 | 3,773 | 6,970 | 27,823 | 3,705 | 9,268 | 10,433 | 14,206 | 34,876 | 19,665 | 58,350 |
| DC | 2,429 | 701 | 2,853 | 2,036 | 104 | 40 | 5,847 | 8,050 | 19,890 | 1,235 | 3,643 | 4,480 | 10,327 | 27,980 | 8,059 | 41,950 |
| DE | 4,037 | 683 | 3,318 | 1,219 | 714 | 56 | 1,688 | 3,397 | 24,188 | 1,981 | 6,012 | 3,959 | 5,647 | 27,641 | 9,313 | 39,300 |
| FL | 6,260 | 2,250 | 9,708 | 4,786 | 6 | 118 | 4,719 | 7,031 | 28,572 | 4,052 | 10,202 | 12,808 | 17,527 | 35,721 | 23,122 | 63,450 |
| GA | 5,140 | 1,887 | 4,064 | 4,108 | 545 | 65 | 2,163 | 5,842 | 27,036 | 3,002 | 8,067 | 7,677 | 9,840 | 32,943 | 15,264 | 50,850 |
| GU | 841 | 182 | 519 | 769 | 18 | 8 | 652 | 1,320 | 5,691 | 501 | 1,332 | 997 | 1,649 | 7,019 | 2,319 | 10,000 |
| HI | 6,002 | 790 | 1,986 | 2,111 | 1,198 | 19 | 4,079 | 5,958 | 35,807 | 2,280 | 8,280 | 3,807 | 7,886 | 41,784 | 10,908 | 57,950 |
| IA | 3,682 | 739 | 1,233 | 969 | 425 | 9 | 889 | 2,003 | 19,803 | 1,479 | 5,141 | 1,907 | 2,796 | 21,815 | 6,632 | 29,752 |
| ID | 5,102 | 1,120 | 2,214 | 2,655 | 332 | 32 | 1,462 | 4,009 | 24,624 | 2,181 | 7,218 | 4,205 | 5,667 | 28,665 | 11,123 | 41,550 |
| IL | 5,261 | 879 | 3,527 | 2,755 | 599 | 32 | 2,922 | 5,124 | 27,451 | 3,100 | 8,342 | 4,679 | 7,601 | 32,607 | 12,454 | 48,550 |
| IN | 5,892 | 1,859 | 3,790 | 3,890 | 524 | 32 | 2,029 | 5,154 | 28,580 | 3,407 | 9,196 | 6,759 | 8,788 | 33,766 | 15,463 | 51,750 |
| KS | 4,634 | 1,352 | 1,954 | 3,060 | 171 | 20 | 1,364 | 4,310 | 31,185 | 1,916 | 6,518 | 4,653 | 6,017 | 35,515 | 11,020 | 48,050 |
| KY | 7,080 | 986 | 3,407 | 3,836 | 377 | 26 | 1,551 | 4,253 | 35,788 | 2,001 | 9,074 | 6,618 | 8,169 | 40,067 | 15,335 | 57,304 |
| LA | 5,097 | 2,479 | 3,808 | 2,690 | 336 | 107 | 1,970 | 4,510 | 26,303 | 3,947 | 8,977 | 5,433 | 7,403 | 30,920 | 14,181 | 47,300 |
| MA | 7,540 | 3,455 | 10,307 | 4,368 | 113 | 110 | 6,919 | 11,130 | 45,158 | 5,700 | 13,129 | 12,654 | 19,573 | 56,398 | 25,780 | 89,100 |
| MD | 4,429 | 1,821 | 6,011 | 3,344 | 107 | 78 | 5,973 | 5,613 | 26,174 | 2,976 | 7,377 | 8,335 | 14,308 | 31,865 | 15,683 | 53,550 |
| ME | 2,450 | 750 | 1,269 | 636 | 22 | 22 | 1,008 | 1,470 | 9,573 | 1,051 | 3,489 | 1,638 | 2,646 | 11,065 | 5,127 | 17,200 |
| MI | 5,968 | 1,436 | 6,277 | 2,395 | 450 | 171 | 2,763 | 6,943 | 27,497 | 2,924 | 8,857 | 7,669 | 10,432 | 34,611 | 16,247 | 53,900 |
| MN | 4,499 | 10 | 1,322 | 2,083 | 549 | 59 | 1,321 | 2,326 | 18,731 | 22 | 4,516 | 3,947 | 5,268 | 21,116 | 7,973 | 30,900 |
| MO | 4,798 | 824 | 1,665 | 1,538 | 715 | 47 | 1,117 | 2,951 | 21,293 | 1,878 | 6,608 | 2,932 | 4,049 | 24,291 | 8,872 | 34,948 |
| MS | 4,150 | 1,218 | 2,104 | 2,031 | 267 | 38 | 1,211 | 3,299 | 18,782 | 2,015 | 6,100 | 3,670 | 4,881 | 22,119 | 9,541 | 33,100 |
| MT | 4,053 | 1,151 | 1,697 | 1,487 | 43 | 21 | 1,822 | 2,474 | 26,402 | 1,696 | 5,732 | 2,699 | 4,521 | 28,897 | 8,409 | 39,150 |
| NC | 6,796 | 1,368 | 3,496 | 2,107 | 301 | 37 | 1,521 | 4,662 | 21,412 | 2,635 | 9,383 | 4,685 | 6,206 | 26,111 | 13,804 | 41,700 |
| ND | 3,027 | 707 | 1,141 | 1,039 | 77 | 18 | 692 | 2,142 | 21,357 | 1,203 | 4,199 | 1,792 | 2,484 | 23,517 | 5,932 | 30,200 |
| NE | 4,397 | 626 | 1,750 | 1,127 | 18 | 22 | 914 | 2,788 | 21,958 | 958 | 5,341 | 2,577 | 3,491 | 24,768 | 7,922 | 33,600 |
| NH | 5,073 | 1,848 | 4,053 | 1,934 | 58 | 46 | 3,597 | 4,300 | 24,841 | 2,750 | 7,789 | 5,177 | 8,774 | 29,187 | 12,954 | 45,750 |

Table 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes by State, 2002

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State** | **COIN** | **TERE** | **KNHH** | **LIHH** | **AMUR** | **INHH** | **NCUS** | **BUNR** | **NOSN** | **Elig HH To**  **Elig** | **tal EUHH**  **ible** | **Unknown** | **Ineligible** | **HH** | **TOTAL** |
| NJ | 6,263 | 2,690 | 10,868 | 5,404 | 476 | 249 | 10,066 | 11,613 | 47,264 | 4,777 10, | 956 14,745 | 24,811 | 59,126 | 25,474 | 94,893 |
| NM | 4,716 | 1,043 | 1,776 | 1,625 | 1,093 | 25 | 1,451 | 3,140 | 18,136 | 1,933 6,6 | 07 3,649 | 5,100 | 21,301 | 9,185 | 33,005 |
| NV | 3,164 | 475 | 571 | 2,820 | 448 | 79 | 1,467 | 2,544 | 16,674 | 946 4,1 | 02 3,376 | 4,843 | 19,297 | 7,109 | 28,242 |
| NY | 4,552 | 1,637 | 4,745 | 4,399 | 730 | 35 | 3,304 | 6,465 | 23,633 | 3,536 8,0 | 02 8,061 | 11,365 | 30,133 | 15,368 | 49,500 |
| OH | 4,115 | 1,805 | 3,839 | 2,299 | 101 | 44 | 2,088 | 3,681 | 17,028 | 2,644 6,7 | 36 5,423 | 7,511 | 20,753 | 12,102 | 35,000 |
| OK | 6,819 | 1,135 | 2,327 | 1,868 | 693 | 79 | 1,699 | 4,118 | 29,536 | 2,293 9,0 | 66 3,776 | 5,475 | 33,733 | 12,228 | 48,274 |
| OR | 3,111 | 857 | 1,782 | 1,672 | 175 | 26 | 1,141 | 2,966 | 13,620 | 1,519 4,5 | 94 3,003 | 4,144 | 16,612 | 7,448 | 25,350 |
| PA | 13,719 | 4,326 | 9,195 | 9,373 | 1,406 | 345 | 6,579 | 12,738 | 71,519 | 7,961 21, | 452 16,567 | 23,146 | 84,602 | 36,958 | 129,200 |
| PR | 4,129 | 145 | 825 | 199 | 32 | 5 | 1,379 | 1,306 | 7,752 | 724 4,8 | 46 487 | 1,866 | 9,063 | 5,303 | 15,772 |
| RI | 3,873 | 1,426 | 3,896 | 1,754 | 27 | 42 | 1,989 | 3,587 | 21,656 | 2,359 6,2 | 02 4,774 | 6,763 | 25,285 | 10,991 | 38,250 |
| SC | 4,620 | 1,662 | 3,587 | 3,453 | 475 | 44 | 1,648 | 4,519 | 20,042 | 3,330 7,8 | 33 5,964 | 7,612 | 24,605 | 13,366 | 40,050 |
| SD | 4,816 | 1,141 | 1,471 | 1,520 | 119 | 20 | 879 | 2,883 | 30,351 | 1,577 6,3 | 65 2,702 | 3,581 | 33,254 | 8,968 | 43,200 |
| TN | 3,212 | 11 | 685 | 2,464 | 537 | 58 | 1,000 | 1,719 | 10,000 | 23 3,2 | 30 3,679 | 4,679 | 11,777 | 6,430 | 19,686 |
| TX | 6,262 | 2,282 | 6,590 | 6,046 | 917 | 107 | 4,181 | 8,378 | 47,387 | 4,928 11,0 | 35 11,062 | 15,243 | 55,872 | 21,287 | 82,150 |
| UT | 4,095 | 544 | 940 | 716 | 416 | 9 | 1,383 | 1,991 | 15,256 | 1,039 5,1 | 19 1,592 | 2,975 | 17,256 | 6,304 | 25,350 |
| VA | 4,462 | 1,152 | 2,855 | 1,899 | 306 | 10 | 1,606 | 3,061 | 15,445 | 2,250 6,6 | 42 4,032 | 5,638 | 18,516 | 10,378 | 30,796 |
| VI | 2,361 | 495 | 1,461 | 760 | 251 | 22 | 899 | 2,905 | 10,246 | 1,373 3,6 | 52 1,676 | 2,575 | 13,173 | 5,099 | 19,400 |
| VT | 4,259 | 1,121 | 2,332 | 1,109 | 38 | 23 | 5,180 | 3,098 | 27,290 | 1,702 5,9 | 41 2,918 | 8,098 | 30,411 | 8,844 | 44,450 |
| WA | 4,942 | 1,788 | 3,450 | 2,577 | 456 | 42 | 1,063 | 5,037 | 25,345 | 3,037 7,9 | 24 5,289 | 6,352 | 30,424 | 12,799 | 44,700 |
| WI | 4,403 | 970 | 1,903 | 1,346 | 0 | 21 | 769 | 2,344 | 13,694 | 1,713 6,0 | 69 2,553 | 3,322 | 16,059 | 8,643 | 25,450 |
| WV | 3,363 | 593 | 1,065 | 892 | 127 | 12 | 607 | 1,260 | 7,681 | 1,097 4,4 | 47 1,593 | 2,200 | 8,953 | 5,925 | 15,600 |
| WY | 3,574 | 717 | 1,417 | 1,059 | 143 | 19 | 865 | 2,613 | 15,843 | 1,308 4,8 | 54 2,056 | 2,921 | 18,475 | 6,786 | 26,250 |
| Cumulative | 250,529 | 67,183 | 172,025 | 128,907 | 19,735 | 2,849 | 126,038 | 230,631 | 1,258,960 | 123,443 371, | 420 266,972 | 393,009 | 1,492,440 | 621,493 | 2,256,857 |
| Median | 4,416 | 1,081 | 2,271 | 2,034 | 304 | 35 | 1,579 | 3,492 | 21,807 | 1,957 6,4 | 42 3,953 | 5,657 | 26,876 | 9,427 | 39,225 |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table 5. BRFSS Call Dispositions, Percent Distribution by Categories of Case Outcomes by State, 2002 | | | | | | | | | | | | | | | | |
| State | **% COIN** | **% TERE** | **% KNHH** | **% LIHH** | **% AMUR** | **% INHH** | **% NCUS** | **% BUNR** | **% NOSN** | **% Elig**  **HH** | **% Total**  **Eligible** | **% EUHH** | **% Unknown** | **% Ineligible** | **% HH** | **TOTAL** |
| AK | 7.45% | 1.72% | 2.70% | 2.40% | 0.84% | 0.08% | 8.40% | 6.79% | 69.62% | 3.05% | 10.41% | 4.69% | 13.10% | 76.49% | 14.34% | 36,600 |
| AL | 17.98% | 3.86% | 9.02% | 6.98% | 0.60% | 0.13% | 4.27% | 10.88% | 46.28% | 6.15% | 23.77% | 14.66% | 18.93% | 57.29% | 37.96% | 17,548 |
| AR | 12.42% | 3.09% | 6.18% | 6.57% | 0.57% | 0.11% | 3.43% | 9.46% | 58.17% | 5.94% | 18.15% | 10.68% | 14.11% | 67.74% | 28.37% | 31,900 |
| AZ | 11.92% | 3.41% | 10.69% | 6.31% | 0.04% | 0.13% | 7.32% | 10.15% | 50.04% | 5.86% | 17.64% | 14.73% | 22.05% | 60.31% | 32.46% | 27,400 |
| CA | 8.99% | 3.55% | 8.62% | 5.92% | 2.74% | 0.14% | 6.38% | 11.34% | 52.32% | 6.94% | 15.83% | 13.99% | 20.37% | 63.80% | 27.22% | 47,388 |
| CO | 12.66% | 2.82% | 5.31% | 5.91% | 2.09% | 0.09% | 2.73% | 15.72% | 52.65% | 5.57% | 18.13% | 10.68% | 13.41% | 68.46% | 26.80% | 32,250 |
| CT | 9.61% | 3.82% | 13.20% | 6.93% | 0.20% | 0.14% | 6.47% | 11.95% | 47.68% | 6.35% | 15.88% | 17.88% | 24.35% | 59.77% | 33.70% | 58,350 |
| DC | 5.79% | 1.67% | 6.80% | 4.85% | 0.25% | 0.10% | 13.94% | 19.19% | 47.41% | 2.94% | 8.68% | 10.68% | 24.62% | 66.70% | 19.21% | 41,950 |
| DE | 10.27% | 1.74% | 8.44% | 3.10% | 1.82% | 0.14% | 4.30% | 8.64% | 61.55% | 5.04% | 15.30% | 10.07% | 14.37% | 70.33% | 23.70% | 39,300 |
| FL | 9.87% | 3.55% | 15.30% | 7.54% | 0.01% | 0.19% | 7.44% | 11.08% | 45.03% | 6.39% | 16.08% | 20.19% | 27.62% | 56.30% | 36.44% | 63,450 |
| GA | 10.11% | 3.71% | 7.99% | 8.08% | 1.07% | 0.13% | 4.25% | 11.49% | 53.17% | 5.90% | 15.86% | 15.10% | 19.35% | 64.78% | 30.02% | 50,850 |
| GU | 8.41% | 1.82% | 5.19% | 7.69% | 0.18% | 0.08% | 6.52% | 13.20% | 56.91% | 5.01% | 13.32% | 9.97% | 16.49% | 70.19% | 23.19% | 10,000 |
| HI | 10.36% | 1.36% | 3.43% | 3.64% | 2.07% | 0.03% | 7.04% | 10.28% | 61.79% | 3.93% | 14.29% | 6.57% | 13.61% | 72.10% | 18.82% | 57,950 |
| IA | 12.38% | 2.48% | 4.14% | 3.26% | 1.43% | 0.03% | 2.99% | 6.73% | 66.56% | 4.97% | 17.28% | 6.41% | 9.40% | 73.32% | 22.29% | 29,752 |
| ID | 12.28% | 2.69% | 5.33% | 6.39% | 0.80% | 0.08% | 3.52% | 9.65% | 59.26% | 5.25% | 17.37% | 10.12% | 13.64% | 68.99% | 26.77% | 41,550 |
| IL | 10.84% | 1.81% | 7.26% | 5.67% | 1.23% | 0.07% | 6.02% | 10.55% | 56.54% | 6.39% | 17.18% | 9.64% | 15.66% | 67.16% | 25.65% | 48,550 |
| IN | 11.39% | 3.59% | 7.32% | 7.52% | 1.01% | 0.06% | 3.92% | 9.96% | 55.23% | 6.58% | 17.77% | 13.06% | 16.98% | 65.25% | 29.88% | 51,750 |
| KS | 9.64% | 2.81% | 4.07% | 6.37% | 0.36% | 0.04% | 2.84% | 8.97% | 64.90% | 3.99% | 13.57% | 9.68% | 12.52% | 73.91% | 22.93% | 48,050 |
| KY | 12.37% | 1.72% | 5.94% | 6.69% | 0.66% | 0.05% | 2.71% | 7.42% | 62.45% | 3.49% | 15.83% | 11.55% | 14.25% | 69.91% | 26.77% | 57,310 |
| LA | 10.77% | 5.24% | 8.05% | 5.69% | 0.71% | 0.23% | 4.16% | 9.53% | 55.61% | 8.34% | 18.98% | 11.49% | 15.65% | 65.37% | 29.98% | 47,300 |
| MA | 8.46% | 3.88% | 11.57% | 4.90% | 0.13% | 0.12% | 7.77% | 12.49% | 50.68% | 6.40% | 14.74% | 14.20% | 21.97% | 63.30% | 28.93% | 89,100 |
| MD | 8.27% | 3.40% | 11.23% | 6.24% | 0.20% | 0.15% | 11.15% | 10.48% | 48.88% | 5.56% | 13.78% | 15.56% | 26.72% | 59.51% | 29.29% | 53,550 |
| ME | 14.25% | 4.36% | 7.38% | 3.70% | 0.13% | 0.13% | 5.86% | 8.55% | 55.66% | 6.11% | 20.28% | 9.52% | 15.38% | 64.33% | 29.81% | 17,200 |
| MI | 11.07% | 2.66% | 11.65% | 4.44% | 0.83% | 0.32% | 5.13% | 12.88% | 51.01% | 5.42% | 16.43% | 14.23% | 19.35% | 64.21% | 30.14% | 53,900 |
| MN | 14.56% | 0.03% | 4.28% | 6.74% | 1.78% | 0.19% | 4.28% | 7.53% | 60.62% | 0.07% | 14.61% | 12.77% | 17.05% | 68.34% | 25.80% | 30,900 |
| MO | 13.73% | 2.36% | 4.76% | 4.40% | 2.05% | 0.13% | 3.20% | 8.44% | 60.93% | 5.37% | 18.91% | 8.39% | 11.59% | 69.51% | 25.39% | 34,948 |
| MS | 12.54% | 3.68% | 6.36% | 6.14% | 0.81% | 0.11% | 3.66% | 9.97% | 56.74% | 6.09% | 18.43% | 11.09% | 14.75% | 66.82% | 28.82% | 33,100 |
| MT | 10.35% | 2.94% | 4.33% | 3.80% | 0.11% | 0.05% | 4.65% | 6.32% | 67.44% | 4.33% | 14.64% | 6.89% | 11.55% | 73.81% | 21.48% | 39,150 |
| NC | 16.30% | 3.28% | 8.38% | 5.05% | 0.72% | 0.09% | 3.65% | 11.18% | 51.35% | 6.32% | 22.50% | 11.24% | 14.88% | 62.62% | 33.10% | 41,700 |
| ND | 10.02% | 2.34% | 3.78% | 3.44% | 0.25% | 0.06% | 2.29% | 7.09% | 70.72% | 3.98% | 13.90% | 5.93% | 8.23% | 77.87% | 19.64% | 30,200 |
| NE | 13.09% | 1.86% | 5.21% | 3.35% | 0.05% | 0.07% | 2.72% | 8.30% | 65.35% | 2.85% | 15.90% | 7.67% | 10.39% | 73.71% | 23.58% | 33,600 |
| NH | 11.09% | 4.04% | 8.86% | 4.23% | 0.13% | 0.10% | 7.86% | 9.40% | 54.30% | 6.01% | 17.03% | 11.32% | 19.18% | 63.80% | 28.31% | 45,750 |
| NJ | 6.60% | 2.83% | 11.45% | 5.69% | 0.50% | 0.26% | 10.61% | 12.24% | 49.81% | 5.03% | 11.55% | 15.54% | 26.15% | 62.31% | 26.84% | 94,893 |
| NM | 14.30% | 3.16% | 5.38% | 4.92% | 3.31% | 0.08% | 4.40% | 9.51% | 54.94% | 5.86% | 20.02% | 11.05% | 15.45% | 64.53% | 27.84% | 33,008 |
| NV | 11.20% | 1.68% | 2.02% | 9.99% | 1.59% | 0.28% | 5.19% | 9.01% | 59.04% | 3.35% | 14.52% | 11.95% | 17.15% | 68.33% | 25.17% | 28,242 |
| NY | 9.20% | 3.31% | 9.59% | 8.89% | 1.47% | 0.07% | 6.67% | 13.06% | 47.74% | 7.14% | 16.17% | 16.28% | 22.96% | 60.87% | 31.05% | 49,500 |
| OH | 11.76% | 5.16% | 10.97% | 6.57% | 0.29% | 0.13% | 5.97% | 10.52% | 48.65% | 7.55% | 19.25% | 15.49% | 21.46% | 59.29% | 34.58% | 35,000 |
| OK | 14.13% | 2.35% | 4.82% | 3.87% | 1.44% | 0.16% | 3.52% | 8.53% | 61.18% | 4.75% | 18.78% | 7.82% | 11.34% | 69.88% | 25.33% | 48,274 |
| OR | 12.27% | 3.38% | 7.03% | 6.60% | 0.69% | 0.10% | 4.50% | 11.70% | 53.73% | 5.99% | 18.12% | 11.85% | 16.35% | 65.53% | 29.38% | 25,350 |
| PA | 10.62% | 3.35% | 7.12% | 7.25% | 1.09% | 0.27% | 5.09% | 9.86% | 55.36% | 6.16% | 16.60% | 12.82% | 17.91% | 65.48% | 28.61% | 129,200 |
| PR | 26.19% | 0.92% | 5.23% | 1.26% | 0.20% | 0.03% | 8.74% | 8.28% | 49.14% | 4.59% | 30.72% | 3.09% | 11.83% | 57.45% | 33.64% | 15,775 |

 Table 5. BRFSS Call Dispositions, Percent Distribution by Categories of Case Outcomes by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | **% COIN % % % % % % % TERE KNHH LIHH AMUR INHH NCUS BUNR** | **% % Elig % Total % % %**  **NOSN HH Eligible EUHH Unknown Ineligible % HH** | **TOTAL** |
| RI | 10.13% 3.73% 10.19% 4.59% 0.07% 0.11% 5.20% 9.38% | 56.62% 6.17% 16.21% 12.48% 17.68% 66.10% 28.73% | 38,250 |
| SC | 11.54% 4.15% 8.96% 8.62% 1.19% 0.11% 4.11% 11.28% | 50.04% 8.31% 19.56% 14.89% 19.01% 61.44% 33.37% | 40,050 |
| SD | 11.15% 2.64% 3.41% 3.52% 0.28% 0.05% 2.03% 6.67% | 70.26% 3.65% 14.73% 6.25% 8.29% 76.98% 20.76% | 43,200 |
| TN | 16.32% 0.06% 3.48% 12.52% 2.73% 0.29% 5.08% 8.73% | 50.80% 0.12% 16.41% 18.69% 23.77% 59.82% 32.66% | 19,686 |
| TX | 7.62% 2.78% 8.02% 7.36% 1.12% 0.13% 5.09% 10.20% | 57.68% 6.00% 13.43% 13.47% 18.56% 68.01% 25.91% | 82,150 |
| UT | 16.15% 2.15% 3.71% 2.82% 1.64% 0.04% 5.46% 7.85% | 60.18% 4.10% 20.19% 6.28% 11.74% 68.07% 24.87% | 25,350 |
| VA | 14.49% 3.74% 9.27% 6.17% 0.99% 0.03% 5.21% 9.94% | 50.15% 7.31% 21.57% 13.09% 18.31% 60.12% 33.70% | 30,796 |
| VI | 12.17% 2.55% 7.53% 3.92% 1.29% 0.11% 4.63% 14.97% | 52.81% 7.08% 18.82% 8.64% 13.27% 67.90% 26.28% | 19,400 |
| VT | 9.58% 2.52% 5.25% 2.49% 0.09% 0.05% 11.65% 6.97% | 61.39% 3.83% 13.37% 6.56% 18.22% 68.42% 19.90% | 44,450 |
| WA | 11.06% 4.00% 7.72% 5.77% 1.02% 0.09% 2.38% 11.27% | 56.70% 6.79% 17.73% 11.83% 14.21% 68.06% 28.63% | 44,700 |
| WI | 17.30% 3.81% 7.48% 5.29% 0.00% 0.08% 3.02% 9.21% | 53.81% 6.73% 23.85% 10.03% 13.05% 63.10% 33.96% | 25,450 |
| WV | 21.56% 3.80% 6.83% 5.72% 0.81% 0.08% 3.89% 8.08% | 49.24% 7.03% 28.51% 10.21% 14.10% 57.39% 37.98% | 15,600 |
| WY | 13.62% 2.73% 5.40% 4.03% 0.54% 0.07% 3.30% 9.95% | 60.35% 4.98% 18.49% 7.83% 11.13% 70.38% 25.85% | 26,250 |
| Cumulative | 11.10% 2.98% 7.62% 5.71% 0.87% 0.13% 5.58% 10.22% | 55.78% 5.47% 16.46% 11.83% 17.41% 66.13% 27.54% | 2,256,870 |
| Median | 11.29% 2.89% 7.07% 5.71% 0.76% 0.10% 4.64% 9.90% | 55.48% 5.86% 16.81% 11.16% 15.65% 66.40% 28.08% | 39,225 |
| Minimum | 5.79% 0.03% 2.02% 1.26% 0.00% 0.03% 2.03% 6.32% | 45.03% 0.07% 8.68% 3.09% 8.23% 56.30% 14.34% | 10,000 |
| Maximum | 26.19% 5.24% 15.30% 12.52% 3.31% 0.32% 13.94% 19.19% | 70.72% 8.34% 30.72% 20.19% 27.62% 77.87% 37.98% | 129,200 |



|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alabama | | 88.2% |  | 70.9% |  | 82.3% |  | 80.7% |  | 48.5% |  | 61.3% |
| Alaska | | 88.4% |  | 77.4% |  | 81.3% |  | 79.4% |  | 51.1% |  | 62.2% |
| Arizona | | 86.3% |  | 59.1% |  | 77.7% |  | 75.0% |  | 38.2% |  | 52.7% |
| Arkansas | | 89.4% |  | 71.6% |  | 80.1% |  | 76.6% |  | 44.9% |  | 58.8% |
| California | | 85.0% |  | 59.5% |  | 71.7% |  | 62.5% |  | 31.5% |  | 45.2% |
| Colorado | | 89.3% |  | 74.6% |  | 81.8% |  | 79.3% |  | 46.0% |  | 60.5% |
| Connecticut | | 86.4% |  | 50.7% |  | 71.6% |  | 69.2% |  | 29.5% |  | 45.8% |
| Delaware | | 90.8% |  | 59.0% |  | 85.5% |  | 84.2% |  | 41.9% |  | 57.5% |
| District of Columbia | | 81.0% |  | 52.6% |  | 77.6% |  | 75.5% |  | 31.2% |  | 50.3% |
| Florida | | 85.0% |  | 47.1% |  | 73.6% |  | 70.2% |  | 28.2% |  | 44.4% |
| Georgia | | 86.6% |  | 63.6% |  | 73.1% |  | 70.7% |  | 34.2% |  | 51.4% |
| Guam | | 85.6% |  | 66.5% |  | 82.2% |  | 73.8% |  | 38.0% |  | 52.7% |
| Hawaii | | 87.3% |  | 77.4% |  | 88.4% |  | 76.6% |  | 52.0% |  | 62.6% |
| Idaho | | 89.3% |  | 73.9% |  | 82.0% |  | 79.8% |  | 46.7% |  | 61.0% |
| Illinois | | 87.1% |  | 63.6% |  | 85.7% |  | 82.7% |  | 42.2% |  | 53.2% |
| Indiana | | 87.5% |  | 67.3% |  | 76.0% |  | 74.4% |  | 38.7% |  | 53.2% |
| Iowa |  | 92.3% |  | 78.2% |  | 83.3% |  | 80.2% |  | 54.3% |  | 64.9% |
| Kansas | | 90.4% |  | 75.5% |  | 77.4% |  | 76.7% |  | 43.5% |  | 62.2% |
| Kentucky | | 89.9% |  | 70.4% |  | 87.8% |  | 86.6% |  | 47.3% |  | 67.0% |
| Louisiana | | 89.4% |  | 66.9% |  | 67.3% |  | 64.8% |  | 36.6% |  | 47.9% |
| Maine | | 90.3% |  | 71.7% |  | 76.6% |  | 75.0% |  | 49.2% |  | 59.4% |
| Maryland | | 82.4% |  | 51.3% |  | 70.9% |  | 68.8% |  | 29.3% |  | 44.0% |
| Massachusetts | | 87.2% |  | 51.9% |  | 68.6% |  | 65.6% |  | 30.2% |  | 44.8% |
| Michigan | | 89.6% |  | 54.7% |  | 80.6% |  | 78.0% |  | 37.1% |  | 54.3% |
| Minnesota | | 87.2% |  | 77.6% |  | 99.8% |  | 99.8% |  | 55.6% |  | 82.6% |
| Mississippi | | 89.4% |  | 72.0% |  | 77.3% |  | 74.8% |  | 44.2% |  | 58.0% |
| Missouri | | 90.4% |  | 77.3% |  | 85.3% |  | 83.1% |  | 52.3% |  | 64.2% |
| Montana | | 91.4% |  | 75.5% |  | 77.9% |  | 76.3% |  | 49.8% |  | 62.5% |
| Nebraska | | 93.9% |  | 74.2% |  | 87.5% |  | 86.9% |  | 57.3% |  | 73.8% |
| Nevada | | 83.2% |  | 86.7% |  | 86.9% |  | 85.2% |  | 44.7% |  | 63.9% |
| New Hampshire | | 87.8% |  | 63.2% |  | 73.3% |  | 71.8% |  | 40.4% |  | 52.6% |
| New Jersey | | 83.2% |  | 45.8% |  | 70.0% |  | 66.4% |  | 25.2% |  | 42.2% |
| New Mexico | | 87.4% |  | 76.5% |  | 81.9% |  | 79.5% |  | 48.1% |  | 60.4% |
| New York | | 83.0% |  | 56.7% |  | 73.6% |  | 70.2% |  | 29.8% |  | 43.8% |
| North Carolina | | 90.6% |  | 70.1% |  | 83.2% |  | 80.9% |  | 50.0% |  | 61.6% |
| North Dakota | | 94.0% |  | 76.7% |  | 81.1% |  | 79.6% |  | 52.4% |  | 66.2% |
| Ohio |  | 87.2% |  | 60.8% |  | 69.5% |  | 68.0% |  | 35.1% |  | 48.0% |
| Oklahoma | | 91.2% |  | 77.5% |  | 85.7% |  | 84.3% |  | 54.9% |  | 66.7% |
| Oregon | | 88.2% |  | 69.1% |  | 78.4% |  | 76.1% |  | 42.7% |  | 56.7% |
| Pennsylvania | | 86.6% |  | 66.7% |  | 76.0% |  | 73.8% |  | 37.5% |  | 52.5% |
| Puerto Rico | | 89.8% |  | 83.8% |  | 96.6% |  | 93.1% |  | 79.3% |  | 75.2% |
| Rhode Island | | 90.1% |  | 57.8% |  | 73.1% |  | 69.9% |  | 36.5% |  | 51.4% |
| South Carolina | | 86.1% |  | 63.8% |  | 73.5% |  | 71.4% |  | 35.1% |  | 47.8% |
| South Dakota | | 94.2% |  | 80.2% |  | 80.8% |  | 80.2% |  | 55.1% |  | 69.4% |
| Tennessee | | 79.7% |  | 82.7% |  | 99.7% |  | 99.7% |  | 49.2% |  | 75.8% |
| Texas | | 86.4% |  | 56.8% |  | 73.3% |  | 71.0% |  | 29.7% |  | 46.2% |
| Utah |  | 90.1% |  | 83.2% |  | 88.3% |  | 86.4% |  | 63.2% |  | 70.6% |
| Vermont | | 85.8% |  | 69.9% |  | 79.2% |  | 77.8% |  | 49.6% |  | 58.6% |
| Virgin Islands | | 90.0% |  | 66.8% |  | 82.7% |  | 79.7% |  | 46.0% |  | 56.2% |
|  | |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | |
| Virgi | nia | 87.6% |  | 66.3% |  | 79.5% |  | 76.0% |  | 43.5% |  | 54.9% |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Washington | 90.8% | 66.2% | 73.4% | 69.5% | 38.9% | 53.5% |
| West Virginia | 89.6% | 78.8% | 85.0% | 82.2% | 57.7% | 65.0% |
| Wisconsin | 91.7% | 73.9% | 81.8% | 80.2% | 52.7% | 62.9% |
| Wyoming 92.1% 75.3% 83.3% 81.4% 53.6% 65.4% | | | | | | |
| Maximum | 94.2% | 86.7% | 99.8% | 99.8% | 79.3% | 82.6% |
| Median | 88.3% | 70.0% | 80.4% | 76.7% | 44.5% | 58.3% |

Minimum 79.7% 45.8% 67.3% 62.5% 25.2% 42.2%

Alabama 64.64% 52.81% 11.83% Mississippi 64.45% 52.87% 11.58% Kentucky 63.53% 52.03% 11.50% Nebraska 61.08% 51.53% 9.56% Georgia 61.16% 51.65% 9.51% Arizona 60.03% 50.72% 9.31% North Carolina 60.89% 51.85% 9.04% Guam 56.58% 47.62% 8.96% Louisiana 61.26% 52.70% 8.56% Alaska 56.82% 48.27% 8.55% Puerto Rico 61.50% 52.95% 8.55% New Jersey 60.61% 52.44% 8.17% West Virginia 60.28% 52.24% 8.04% Texas 58.88% 51.09% 7.79% Arkansas 59.88% 52.16% 7.72% Delaware 59.78% 52.46% 7.31% Colorado 57.39% 50.10% 7.29% Oregon 58.32% 51.09% 7.22% Indiana 58.96% 51.81% 7.15% South Carolina 59.52% 52.40% 7.12% Washington 57.95% 50.83% 7.12% Oklahoma 58.80% 51.72% 7.07% Hawaii 56.91% 50.19% 6.71% Maine 58.79% 52.22% 6.57% Kansas 57.98% 51.42% 6.56% Missouri 58.92% 52.39% 6.52% Illinois 58.40% 51.91% 6.49% Florida 58.53% 52.06% 6.47% Maryland 59.21% 52.75% 6.46% California 57.24% 50.82% 6.42% Michigan 58.21% 51.83% 6.39% Wyoming 56.51% 50.17% 6.34% Pennsylvania 58.99% 52.74% 6.26% New Mexico 57.83% 51.64% 6.19% Rhode Island 59.05% 53.08% 5.96% Iowa 57.79% 51.87% 5.92% New York 58.75% 52.87% 5.88% North Dakota 56.53% 50.74% 5.79% Ohio 58.13% 52.43% 5.69% Idaho 56.10% 50.45% 5.65% South Dakota 56.72% 51.16% 5.56% New Hampshire 57.12% 51.58% 5.54% Massachusetts 58.07% 52.88% 5.19% Minnesota 56.18% 51.23% 4.95% Virgin Islands 59.57% 54.75% 4.83% Virginia 56.46% 51.74% 4.73% Wisconsin 56.02% 51.35% 4.67% Connecticut 56.81% 52.56% 4.26% Vermont 55.72% 51.78% 3.94% District of Columbia 57.52% 53.82% 3.71% Montana 54.17% 50.82% 3.35% Tennessee 55.18% 52.24% 2.94% Utah 52.65% 50.61% 2.04% Nevada 49.66% 49.42% 0.24%



|  |  |  |  |
| --- | --- | --- | --- |
| Median | 58.26% | 51.82% | 6.48% |
| Mean | 58.30% | 51.68% | 6.61% |
| Standard Deviation | 2.58% | 1.23% | 2.22% |
| Range | 14.98% | 7.13% | 11.59% |



Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2002\*

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| District of Columbia | 45.56% | 31.88% | 13.67% |
| Arizona | 77.45% | 68.18% | 9.27% |
| Maryland | 71.64% | 63.23% | 8.42% |
| Florida | 74.63% | 67.59% | 7.04% |
| California | 56.61% | 49.77% | 6.84% |
| South Carolina | 74.08% | 68.41% | 5.67% |
| New York | 68.88% | 63.33% | 5.56% |
| New Jersey | 72.49% | 67.09% | 5.40% |
| Utah | 90.29% | 86.05% | 4.24% |
| New Mexico | 52.96% | 48.75% | 4.21% |
| Hawaii | 29.21% | 25.18% | 4.03% |
| Illinois | 73.69% | 69.92% | 3.78% |
| Delaware | 78.00% | 74.40% | 3.60% |
| Washington | 84.19% | 80.73% | 3.46% |
| Ohio | 88.23% | 85.21% | 3.02% |
| Virginia | 74.35% | 71.41% | 2.93% |
| Louisiana | 67.70% | 64.96% | 2.74% |
| Minnesota | 92.35% | 89.67% | 2.68% |
| Connecticut | 81.67% | 79.07% | 2.60% |
| Arkansas | 82.92% | 80.50% | 2.42% |
| Pennsylvania | 87.71% | 85.35% | 2.36% |
| Mississippi | 66.09% | 63.76% | 2.33% |
| Tennessee | 82.79% | 80.75% | 2.03% |
| Michigan | 82.22% | 80.24% | 1.98% |
| Georgia | 66.33% | 64.36% | 1.97% |
| Kentucky | 91.80% | 89.89% | 1.91% |
| Iowa | 95.16% | 93.49% | 1.67% |
| Alabama | 73.85% | 72.18% | 1.66% |
| Idaho | 91.04% | 89.55% | 1.49% |
| Nebraska | 90.05% | 88.64% | 1.42% |
| Kansas | 85.99% | 84.60% | 1.40% |
| Wisconsin | 90.33% | 89.13% | 1.21% |
| South Dakota | 91.38% | 90.45% | 0.93% |
| Massachusetts | 83.85% | 83.11% | 0.74% |
| Missouri | 85.51% | 84.99% | 0.52% |
| Wyoming | 90.50% | 90.10% | 0.40% |
| Texas | 55.67% | 55.29% | 0.38% |
| Montana | 91.45% | 91.29% | 0.16% |
| New Hampshire | 95.11% | 95.43% | -0.32% |
| Rhode Island | 83.45% | 83.80% | -0.35% |
| North Dakota | 92.72% | 93.14% | -0.42% |
| North Carolina | 71.43% | 71.95% | -0.53% |
| Vermont | 95.84% | 96.45% | -0.60% |
| Oklahoma | 76.04% | 76.72% | -0.67% |
| Alaska | 70.26% | 70.95% | -0.69% |
| Oregon | 84.47% | 85.17% | -0.70% |
| Maine | 96.13% | 96.96% | -0.82% |
| Colorado | 75.68% | 76.71% | -1.04% |
| Indiana | 85.67% | 86.80% | -1.13% |
| West Virginia | 92.20% | 94.82% | -2.62% |
| Nevada | 64.88% | 67.93% | -3.05% |

Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2002\*

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Median | 82.79% | 80.50% | 1.91% |
| Mean | 78.87% | 76.65% | 2.22% |
| Standard Deviation | 13.90% | 15.56% | 3.10% |
| Range | 66.92% | 71.77% | 16.72% |

\*Puerto Rico, Guam, and Virgin Islands are excluded.



|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| District of Columbia | 9.98% | 16.22% | 6.25% |
| Virgin Islands | 8.80% | 14.88% | 6.08% |
| New Jersey | 5.65% | 10.90% | 5.25% |
| Kentucky | 8.22% | 13.43% | 5.22% |
| South Dakota | 9.37% | 14.28% | 4.91% |
| Utah | 16.71% | 21.38% | 4.68% |
| Mississippi | 10.58% | 15.23% | 4.65% |
| Alabama | 8.83% | 13.45% | 4.62% |
| Kansas | 9.57% | 14.16% | 4.59% |
| Idaho | 10.78% | 15.20% | 4.42% |
| Oklahoma | 9.91% | 14.18% | 4.28% |
| Nebraska | 9.86% | 14.09% | 4.23% |
| North Carolina | 9.44% | 13.48% | 4.04% |
| Arkansas | 9.30% | 13.33% | 4.03% |
| Vermont | 8.48% | 12.40% | 3.92% |
| South Carolina | 9.85% | 13.76% | 3.91% |
| Rhode Island | 9.66% | 13.47% | 3.81% |
| West Virginia | 8.65% | 12.43% | 3.79% |
| Puerto Rico | 13.69% | 17.35% | 3.66% |
| Minnesota | 9.59% | 13.15% | 3.56% |
| New Mexico | 10.38% | 13.76% | 3.39% |
| Iowa | 10.52% | 13.82% | 3.30% |
| New Hampshire | 8.18% | 11.27% | 3.09% |
| Oregon | 9.91% | 12.95% | 3.05% |
| Wyoming | 10.92% | 13.92% | 2.99% |
| Pennsylvania | 8.91% | 11.86% | 2.96% |
| Ohio | 9.77% | 12.69% | 2.92% |
| Tennessee | 10.08% | 13.00% | 2.92% |
| Indiana | 10.95% | 13.85% | 2.90% |
| Wisconsin | 10.36% | 13.21% | 2.85% |
| Georgia | 11.37% | 14.16% | 2.79% |
| Delaware | 10.22% | 12.97% | 2.74% |
| Massachusetts | 9.44% | 12.16% | 2.71% |
| Virginia | 10.24% | 12.91% | 2.67% |
| Arizona | 11.34% | 13.85% | 2.51% |
| Montana | 10.50% | 12.93% | 2.44% |
| Michigan | 10.58% | 12.90% | 2.33% |
| New York | 10.29% | 12.61% | 2.32% |
| Missouri | 10.84% | 13.06% | 2.22% |
| Maryland | 9.42% | 11.61% | 2.19% |
| Guam | 14.05% | 16.09% | 2.04% |
| Connecticut | 8.80% | 10.78% | 1.98% |
| Texas | 13.03% | 14.96% | 1.94% |
| Washington | 11.17% | 12.99% | 1.81% |
| Maine | 9.02% | 10.79% | 1.77% |
| Hawaii | 11.26% | 12.77% | 1.52% |
| Louisiana | 13.37% | 14.82% | 1.45% |
| North Dakota | 14.20% | 15.45% | 1.25% |
| Colorado | 12.61% | 13.66% | 1.05% |
| California | 13.17% | 13.95% | 0.78% |
| Illinois | 12.91% | 13.44% | 0.53% |
| Florida | 10.58% | 10.99% | 0.42% |
| Alaska | 13.13% | 13.39% | 0.26% |
| Nevada | 12.83% | 12.28% | -0.55% |

 Median 10.27% 13.44% 2.92%





|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Mean | 10.58% | 13.57% | 2.99% |
| Standard Deviation | 1.89% | 1.73% | 1.47% |
| Range | 11.06% | 10.61% | 6.80% |



|  |  |  |  |
| --- | --- | --- | --- |
| Puerto Rico | 15.00% | 19.23% | 4.24% |
| Kentucky | 14.62% | 17.98% | 3.36% |
| Arizona | 16.36% | 19.09% | 2.73% |
| New Jersey | 15.64% | 18.15% | 2.50% |
| Virginia | 16.45% | 18.78% | 2.33% |
| New Mexico | 15.18% | 17.21% | 2.03% |
| Nevada | 17.96% | 19.93% | 1.97% |
| Georgia | 18.96% | 20.90% | 1.94% |
| Mississippi | 16.12% | 17.77% | 1.65% |
| Alabama | 15.86% | 17.48% | 1.63% |
| North Dakota | 13.85% | 15.46% | 1.61% |
| Delaware | 16.35% | 17.82% | 1.47% |
| Michigan | 16.57% | 17.88% | 1.30% |
| Oklahoma | 15.78% | 17.01% | 1.23% |
| Florida | 15.29% | 16.29% | 1.00% |
| Illinois | 18.12% | 19.10% | 0.97% |
| Louisiana | 16.93% | 17.85% | 0.92% |
| Nebraska | 16.22% | 17.10% | 0.87% |
| Maryland | 17.53% | 18.38% | 0.84% |
| New Hampshire | 15.89% | 16.65% | 0.75% |
| Washington | 17.82% | 18.52% | 0.70% |
| West Virginia | 14.99% | 15.69% | 0.70% |
| Maine | 14.95% | 15.57% | 0.62% |
| North Carolina | 18.69% | 19.28% | 0.59% |
| Iowa | 15.37% | 15.95% | 0.58% |
| Missouri | 16.51% | 17.07% | 0.56% |
| Hawaii | 17.55% | 17.98% | 0.43% |
| South Carolina | 17.60% | 18.01% | 0.42% |
| Wisconsin | 16.64% | 17.05% | 0.41% |
| Arkansas | 16.66% | 17.04% | 0.39% |
| Wyoming | 15.58% | 15.77% | 0.19% |
| Connecticut | 16.83% | 16.98% | 0.15% |
| Montana | 14.81% | 14.76% | -0.05% |
| California | 20.63% | 20.53% | -0.09% |
| Indiana | 17.92% | 17.80% | -0.12% |
| Minnesota | 18.07% | 17.92% | -0.15% |
| Oregon | 17.86% | 17.65% | -0.21% |
| Massachusetts | 18.67% | 18.44% | -0.23% |
| Colorado | 20.44% | 20.08% | -0.36% |
| Pennsylvania | 16.49% | 16.07% | -0.42% |
| Ohio | 17.85% | 17.32% | -0.53% |
| South Dakota | 16.44% | 15.91% | -0.53% |
| Vermont | 16.16% | 15.52% | -0.64% |
| Utah | 21.78% | 20.91% | -0.87% |
| Kansas | 17.94% | 17.06% | -0.88% |
| Idaho | 18.58% | 17.66% | -0.92% |
| Tennessee | 19.28% | 18.33% | -0.95% |
| Alaska | 20.80% | 19.78% | -1.02% |
| Rhode Island | 18.13% | 16.89% | -1.24% |
| New York | 19.95% | 18.61% | -1.34% |
| Texas | 21.91% | 20.46% | -1.44% |
| Virgin Islands | 20.30% | 18.84% | -1.46% |
| District of Columbia | 26.48% | 21.47% | -5.02% |
| Guam | 27.19% | 20.13% | -7.06% |



|  |  |  |  |
| --- | --- | --- | --- |
| Median | 16.88% | 17.83% | 0.42% |
| Mean | 17.62% | 17.91% | 0.29% |
| Standard Deviation | 2.60% | 1.57% | 1.77% |
| Range | 13.34% | 6.71% | 11.30% |

Table 11. Percentage of People Aged 35–44 in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Rhode Island | 22.94% | 20.52% | 2.41% |
| Virgin Islands | 22.30% | 20.08% | 2.22% |
| West Virginia | 20.37% | 18.66% | 1.71% |
| Wisconsin | 22.62% | 21.16% | 1.46% |
| Ohio | 22.00% | 20.60% | 1.40% |
| Delaware | 22.28% | 20.89% | 1.39% |
| New Hampshire | 24.41% | 23.07% | 1.34% |
| Massachusetts | 22.27% | 21.15% | 1.13% |
| California | 22.59% | 21.50% | 1.09% |
| Indiana | 21.63% | 20.59% | 1.04% |
| North Dakota | 20.62% | 19.66% | 0.96% |
| Kansas | 21.52% | 20.58% | 0.94% |
| Illinois | 21.82% | 20.90% | 0.92% |
| Guam | 24.39% | 23.64% | 0.74% |
| Nebraska | 20.95% | 20.24% | 0.71% |
| New Jersey | 22.56% | 21.88% | 0.68% |
| Nevada | 21.52% | 20.87% | 0.66% |
| North Carolina | 21.02% | 20.41% | 0.60% |
| Puerto Rico | 19.20% | 18.60% | 0.60% |
| Pennsylvania | 20.55% | 20.11% | 0.45% |
| Virginia | 22.08% | 21.71% | 0.37% |
| Oregon | 20.02% | 19.71% | 0.31% |
| Maryland | 22.70% | 22.46% | 0.24% |
| Maine | 21.34% | 21.11% | 0.23% |
| Mississippi | 20.00% | 19.80% | 0.20% |
| Utah | 19.16% | 19.08% | 0.08% |
| South Dakota | 20.24% | 20.17% | 0.06% |
| New York | 20.72% | 20.73% | -0.01% |
| South Carolina | 20.05% | 20.06% | -0.01% |
| Vermont | 21.24% | 21.31% | -0.06% |
| Kentucky | 20.18% | 20.33% | -0.15% |
| Texas | 21.26% | 21.47% | -0.21% |
| Georgia | 21.54% | 21.76% | -0.22% |
| District of Columbia | 18.16% | 18.42% | -0.26% |
| Idaho | 19.83% | 20.13% | -0.30% |
| Iowa | 19.24% | 19.56% | -0.33% |
| Connecticut | 21.47% | 21.85% | -0.38% |
| Missouri | 20.15% | 20.55% | -0.40% |
| Michigan | 20.50% | 21.02% | -0.52% |
| Florida | 18.85% | 19.41% | -0.56% |
| Hawaii | 19.49% | 20.13% | -0.63% |
| Alabama | 19.21% | 19.87% | -0.66% |
| Louisiana | 19.61% | 20.53% | -0.92% |
| Washington | 20.54% | 21.48% | -0.94% |
| Montana | 19.38% | 20.35% | -0.97% |
| Minnesota | 20.96% | 21.95% | -0.99% |
| New Mexico | 19.74% | 20.74% | -1.01% |
| Wyoming | 19.70% | 20.80% | -1.11% |
| Oklahoma | 18.50% | 19.71% | -1.21% |
| Arkansas | 17.91% | 19.20% | -1.29% |
| Tennessee | 18.92% | 20.29% | -1.37% |
| Arizona | 17.88% | 19.72% | -1.84% |
| Colorado | 20.43% | 22.30% | -1.87% |
| Alaska | 22.72% | 25.24% | -2.53% |

Table 11. Percentage of People Aged 35–44 in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Median | 20.59% | 20.57% | 0.03% |
| Mean | 20.76% | 20.70% | 0.06% |
| Standard Deviation | 1.51% | 1.23% | 1.04% |
| Range | 6.53% | 6.82% | 4.94% |

Table 12. Percentage of People Aged 45–54 in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Virginia | 23.17% | 19.36% | 3.81% |
| Kansas | 21.77% | 18.62% | 3.15% |
| New Mexico | 22.48% | 19.40% | 3.08% |
| Puerto Rico | 19.76% | 16.77% | 2.99% |
| New Jersey | 21.77% | 18.96% | 2.80% |
| Arkansas | 20.95% | 18.15% | 2.79% |
| Vermont | 23.68% | 21.06% | 2.62% |
| Michigan | 21.90% | 19.29% | 2.61% |
| Illinois | 20.89% | 18.39% | 2.51% |
| Maine | 22.92% | 20.47% | 2.45% |
| Minnesota | 21.38% | 19.00% | 2.38% |
| Washington | 22.29% | 19.97% | 2.32% |
| Indiana | 21.10% | 18.79% | 2.31% |
| Mississippi | 20.40% | 18.13% | 2.26% |
| Pennsylvania | 21.03% | 18.85% | 2.18% |
| Utah | 18.14% | 16.21% | 1.93% |
| Wyoming | 22.84% | 20.97% | 1.87% |
| Connecticut | 21.27% | 19.42% | 1.85% |
| North Dakota | 20.22% | 18.41% | 1.81% |
| Iowa | 20.35% | 18.57% | 1.78% |
| Kentucky | 20.67% | 18.92% | 1.75% |
| Arizona | 18.99% | 17.25% | 1.74% |
| Rhode Island | 20.07% | 18.35% | 1.72% |
| Ohio | 20.86% | 19.15% | 1.71% |
| Alabama | 20.32% | 18.69% | 1.63% |
| Montana | 22.29% | 20.76% | 1.53% |
| New York | 20.03% | 18.50% | 1.53% |
| Massachusetts | 20.18% | 18.66% | 1.52% |
| Wisconsin | 20.52% | 19.01% | 1.51% |
| South Dakota | 19.86% | 18.39% | 1.47% |
| Georgia | 19.90% | 18.60% | 1.30% |
| Nevada | 19.82% | 18.71% | 1.11% |
| Missouri | 19.53% | 18.46% | 1.07% |
| New Hampshire | 21.54% | 20.56% | 0.98% |
| Florida | 18.29% | 17.35% | 0.94% |
| Louisiana | 19.56% | 18.68% | 0.88% |
| Colorado | 20.70% | 19.85% | 0.85% |
| North Carolina | 19.30% | 18.46% | 0.84% |
| Idaho | 19.89% | 19.05% | 0.84% |
| Tennessee | 19.79% | 18.98% | 0.81% |
| Virgin Islands | 20.33% | 19.57% | 0.75% |
| Hawaii | 20.07% | 19.33% | 0.74% |
| Nebraska | 19.30% | 18.59% | 0.71% |
| South Carolina | 19.58% | 18.96% | 0.61% |
| Maryland | 20.19% | 19.83% | 0.36% |
| Oregon | 20.58% | 20.30% | 0.27% |
| Oklahoma | 18.30% | 18.35% | -0.05% |
| West Virginia | 19.61% | 19.88% | -0.27% |
| Texas | 17.80% | 18.07% | -0.27% |
| Delaware | 17.97% | 18.27% | -0.30% |
| District of Columbia | 16.38% | 17.07% | -0.69% |
| California | 17.48% | 18.21% | -0.73% |
| Alaska | 21.80% | 22.53% | -0.73% |
| Guam | 17.52% | 19.09% | -1.56% |

Table 12. Percentage of People Aged 45–54 in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Median | 20.27% | 18.82% | 1.53% |
| Mean | 20.32% | 18.95% | 1.37% |
| Standard Deviation | 1.53% | 1.10% | 1.13% |
| Range | 7.29% | 6.32% | 5.37% |

Table 13. Percentage of People Aged 55–64 in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Virgin Islands | 17.16% | 11.86% | 5.31% |
| Oklahoma | 16.51% | 13.20% | 3.31% |
| Arizona | 15.17% | 12.54% | 2.63% |
| Mississippi | 15.12% | 12.70% | 2.42% |
| South Carolina | 15.61% | 13.28% | 2.32% |
| Oregon | 14.88% | 12.59% | 2.29% |
| Puerto Rico | 14.86% | 12.66% | 2.20% |
| Alabama | 15.21% | 13.34% | 1.87% |
| Arkansas | 15.64% | 13.78% | 1.86% |
| Wyoming | 14.71% | 13.06% | 1.66% |
| Georgia | 13.37% | 11.75% | 1.63% |
| Kentucky | 14.60% | 13.06% | 1.54% |
| Maryland | 14.23% | 12.74% | 1.50% |
| North Dakota | 13.36% | 11.88% | 1.48% |
| Michigan | 14.02% | 12.55% | 1.47% |
| Wisconsin | 13.71% | 12.24% | 1.46% |
| New Mexico | 14.35% | 12.93% | 1.42% |
| West Virginia | 15.39% | 14.01% | 1.37% |
| New Hampshire | 13.97% | 12.65% | 1.32% |
| Montana | 14.82% | 13.52% | 1.30% |
| Missouri | 14.30% | 13.01% | 1.29% |
| South Dakota | 13.36% | 12.08% | 1.28% |
| Washington | 13.38% | 12.12% | 1.26% |
| Pennsylvania | 14.07% | 12.89% | 1.18% |
| Colorado | 12.49% | 11.32% | 1.18% |
| Florida | 14.58% | 13.47% | 1.12% |
| Louisiana | 13.56% | 12.46% | 1.10% |
| Iowa | 13.58% | 12.56% | 1.02% |
| Minnesota | 12.93% | 11.91% | 1.02% |
| Utah | 11.04% | 10.03% | 1.01% |
| Maine | 14.47% | 13.50% | 0.98% |
| Tennessee | 14.17% | 13.26% | 0.91% |
| Virginia | 13.53% | 12.62% | 0.91% |
| North Carolina | 13.58% | 12.68% | 0.90% |
| Guam | 11.46% | 10.57% | 0.89% |
| Ohio | 13.61% | 12.72% | 0.89% |
| Delaware | 13.69% | 12.97% | 0.72% |
| California | 12.04% | 11.34% | 0.70% |
| Kansas | 12.56% | 11.92% | 0.64% |
| Idaho | 12.95% | 12.40% | 0.54% |
| Texas | 11.88% | 11.40% | 0.48% |
| New Jersey | 13.12% | 12.71% | 0.41% |
| Hawaii | 12.81% | 12.47% | 0.33% |
| District of Columbia | 11.97% | 11.65% | 0.32% |
| Alaska | 11.32% | 11.01% | 0.32% |
| Rhode Island | 12.15% | 11.87% | 0.28% |
| Vermont | 13.45% | 13.19% | 0.25% |
| Connecticut | 13.07% | 12.84% | 0.23% |
| Massachusetts | 12.22% | 12.04% | 0.18% |
| Indiana | 12.73% | 12.56% | 0.17% |
| New York | 12.61% | 12.61% | 0.00% |
| Nebraska | 11.89% | 11.99% | -0.09% |
| Illinois | 11.77% | 12.11% | -0.34% |
| Nevada | 13.01% | 13.67% | -0.66% |

Table 13. Percentage of People Aged 55–64 in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Median | 13.57% | 12.60% | 1.06% |
| Mean | 13.63% | 12.49% | 1.14% |
| Standard Deviation | 1.32% | 0.79% | 0.96% |
| Range | 6.13% | 3.99% | 5.97% |

 Table 14. Percentage of People Aged 65 or Older in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Kentucky | 21.27% | 16.27% | 5.00% |
| Nebraska | 21.27% | 18.00% | 3.27% |
| Oklahoma | 20.58% | 17.54% | 3.04% |
| Alabama | 20.03% | 17.17% | 2.86% |
| New Jersey | 20.05% | 17.40% | 2.64% |
| Arizona | 19.84% | 17.55% | 2.29% |
| Puerto Rico | 17.22% | 15.38% | 1.83% |
| Delaware | 18.85% | 17.08% | 1.77% |
| New Mexico | 17.57% | 15.95% | 1.62% |
| Alaska | 9.59% | 8.06% | 1.53% |
| Idaho | 17.05% | 15.56% | 1.49% |
| West Virginia | 20.63% | 19.33% | 1.30% |
| North Carolina | 16.96% | 15.67% | 1.29% |
| Tennessee | 17.24% | 16.15% | 1.09% |
| South Dakota | 20.23% | 19.16% | 1.07% |
| Minnesota | 17.08% | 16.07% | 1.01% |
| Georgia | 13.83% | 12.84% | 0.99% |
| Mississippi | 17.24% | 16.36% | 0.88% |
| Hawaii | 18.18% | 17.31% | 0.87% |
| Iowa | 20.35% | 19.54% | 0.82% |
| Louisiana | 16.40% | 15.66% | 0.74% |
| South Carolina | 16.64% | 15.91% | 0.73% |
| Arkansas | 19.06% | 18.50% | 0.56% |
| Utah | 12.86% | 12.39% | 0.47% |
| Wyoming | 15.72% | 15.48% | 0.24% |
| Nevada | 14.77% | 14.55% | 0.22% |
| Missouri | 18.05% | 17.85% | 0.21% |
| Colorado | 12.89% | 12.79% | 0.11% |
| District of Columbia | 15.02% | 15.16% | -0.14% |
| Washington | 14.76% | 14.92% | -0.16% |
| Vermont | 16.29% | 16.52% | -0.23% |
| Texas | 13.33% | 13.63% | -0.30% |
| California | 14.04% | 14.46% | -0.43% |
| Michigan | 15.85% | 16.36% | -0.51% |
| Maryland | 14.40% | 14.98% | -0.58% |
| Oregon | 16.20% | 16.80% | -0.60% |
| Montana | 16.98% | 17.69% | -0.71% |
| Virginia | 13.74% | 14.62% | -0.88% |
| New Hampshire | 14.66% | 15.81% | -1.15% |
| Florida | 21.31% | 22.49% | -1.18% |
| Connecticut | 16.87% | 18.14% | -1.27% |
| Massachusetts | 16.03% | 17.56% | -1.54% |
| Wisconsin | 15.77% | 17.33% | -1.56% |
| Indiana | 14.84% | 16.41% | -1.58% |
| Illinois | 14.30% | 16.08% | -1.78% |
| Kansas | 15.87% | 17.67% | -1.80% |
| New York | 15.04% | 16.94% | -1.89% |
| North Dakota | 17.21% | 19.14% | -1.93% |
| Maine | 16.55% | 18.57% | -2.02% |
| Pennsylvania | 18.08% | 20.22% | -2.14% |
| Ohio | 14.91% | 17.53% | -2.61% |
| Rhode Island | 15.87% | 18.90% | -3.02% |
| Virgin Islands | 9.54% | 14.78% | -5.24% |
| Guam | 5.06% | 10.48% | -5.42% |

 Table 14. Percentage of People Aged 65 or Older in BRFSS and Population Data, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | BRFSS Percent | Population Percent | Difference |
| Median | 16.47% | 16.39% | 0.16% |
| Mean | 16.37% | 16.38% | -0.01% |
| Standard Deviation | 3.09% | 2.37% | 1.94% |
| Range | 16.26% | 14.43% | 10.42% |

Table 15. Percentage of Respondents With Income Response “Unknown” (77), “Refused” (99), and

Combined, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | Percent Don't Know/Not Sure | Percent Refused | Percent Combined |
| Hawaii | 17.02% | 16.02% | 33.04% |
| Delaware | 8.70% | 21.66% | 30.36% |
| Kentucky | 11.25% | 17.93% | 29.18% |
| North Carolina | 7.94% | 15.59% | 23.54% |
| Tennessee | 9.16% | 13.25% | 22.40% |
| New Jersey | 5.00% | 11.45% | 16.45% |
| Connecticut | 6.31% | 10.05% | 16.37% |
| Florida | 6.43% | 9.07% | 15.49% |
| Nebraska | 8.20% | 7.15% | 15.35% |
| Massachusetts | 6.95% | 8.17% | 15.12% |
| Rhode Island | 6.23% | 8.61% | 14.84% |
| Mississippi | 8.87% | 5.76% | 14.63% |
| Guam | 11.00% | 3.46% | 14.46% |
| Arizona | 5.79% | 8.46% | 14.25% |
| New Hampshire | 5.32% | 8.60% | 13.92% |
| Illinois | 7.12% | 6.76% | 13.87% |
| Louisiana | 8.42% | 5.45% | 13.87% |
| Maryland | 5.09% | 8.50% | 13.59% |
| Virgin Islands | 9.61% | 3.89% | 13.51% |
| Oklahoma | 6.84% | 6.64% | 13.48% |
| West Virginia | 9.09% | 4.27% | 13.37% |
| Michigan | 6.11% | 7.25% | 13.36% |
| Pennsylvania | 5.43% | 7.63% | 13.06% |
| Texas | 8.18% | 4.83% | 13.01% |
| Nevada | 5.12% | 7.72% | 12.84% |
| Minnesota | 8.15% | 4.62% | 12.77% |
| Georgia | 6.80% | 5.84% | 12.64% |
| Virginia | 7.13% | 5.49% | 12.63% |
| Ohio | 5.50% | 7.06% | 12.56% |
| Indiana | 5.99% | 6.52% | 12.52% |
| Missouri | 6.02% | 6.35% | 12.37% |
| New York | 6.02% | 6.26% | 12.28% |
| South Carolina | 6.02% | 6.14% | 12.16% |
| Arkansas | 6.08% | 5.95% | 12.03% |
| Montana | 5.49% | 6.42% | 11.91% |
| Alabama | 5.60% | 6.15% | 11.76% |
| Maine | 6.15% | 5.41% | 11.56% |
| Puerto Rico | 10.30% | 1.15% | 11.46% |
| Wisconsin | 3.61% | 7.84% | 11.45% |
| Vermont | 5.60% | 5.85% | 11.45% |
| North Dakota | 5.33% | 6.10% | 11.44% |
| Kansas | 5.57% | 5.80% | 11.38% |
| District of Columbia | 4.77% | 6.59% | 11.36% |
| Washington | 4.14% | 7.19% | 11.33% |
| Oregon | 6.21% | 4.59% | 10.80% |
| Iowa | 4.78% | 5.79% | 10.57% |
| Alaska | 5.84% | 4.24% | 10.08% |
| New Mexico | 5.61% | 4.46% | 10.07% |
| Idaho | 4.52% | 5.26% | 9.78% |
| Colorado | 5.01% | 4.42% | 9.43% |
| South Dakota | 4.76% | 4.41% | 9.18% |
| Utah | 5.00% | 4.10% | 9.09% |
| Wyoming | 4.11% | 4.73% | 8.85% |

Table 15. Percentage of Respondents With Income Response “Unknown” (77), “Refused” (99), and

Combined, by State, 2002

|  |  |  |  |
| --- | --- | --- | --- |
| State | Percent Don't Know/Not Sure | Percent Refused | Percent Combined |
| California | 3.06% | 4.56% | 7.62% |
| Median | 6.02% | 6.21% | 12.63% |
| Mean | 6.64% | 7.18% | 13.81% |
| Standard Deviation | 2.31% | 3.69% | 5.02% |
| Range | 13.96% | 20.50% | 25.42% |