



2004

Behavioral Risk Factor Surveillance System

Summary Data Quality Report

June 15, 2005

2004 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.

Tables 1 and 2 present the frequency of the individual final disposition codes by state. Table 1 shows the distribution of all telephone numbers of known eligibility status in the sample (eligible and ineligible). Table 2 presents this distribution for numbers of unknown eligibility.

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. 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

$$\frac{COIN + TERE + KNHH + INHH + BUNR + NOSN}{TOTAL}$$

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

$$\frac{COIN + TERE + INHH}{COIN + TERE + INHH + KNHH}$$

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

$$\frac{COIN}{COIN + TERE}$$

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

$$\frac{COIN}{COIN + TERE + 250 + 260}$$

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

$$\frac{COIN}{(110 + 120 + EligHH) + \frac{110 + 120 + EligHH}{110 + 120 + EligHH + Ineligible} \times TotalUnknown}$$

The response rate is an indicator of the potential for bias in the results of a survey. It does not indicate the actual amount of bias. The actual amount of bias can be conceptualized as a function of two factors—the amount of non-response, which is measured by a response rate, and the differences between the respondents and the non-respondents. A response rate does not address the latter factor. If the non-respondents are highly similar to the respondents for the characteristics of interest, then even a low response rate will result in little non-response bias.

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

The Overall Response Rate formula is

$$\frac{COIN}{(.98 * HH)}$$

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

$$\frac{TERE}{(110 + 120 + EligHH) + \frac{110 + 120 + EligHH}{110 + 120 + EligHH + Ineligible} \times TotalUnknown}$$

Selection Biases

Tables 7 through 14 present data on the differences between BRFSS and population data with respect to sex, age, and race/ethnicity by state. In these tables, BRFSS data are weighted for the characteristics of the sample design—disproportionate sampling by geographic and density strata (where they exist),

number of phones, and number of adults in the household.³ Since 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.

Income Missing Values

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

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

Table 1. BRFSS Call Dispositions, Frequency Distribution by State for Numbers of Known Eligibility, 2004

State	110	120	210	220	230	240	250	260	270	280	Total Eligible	405	410	420	430	435	440	450	Total Ineligible
AL	3,479	116	260	930	171	57	13	80	34	4	5,144	0	55	2,430	266	47	300	6,449	9,547
AK	2,565	91	109	492	203	186	69	45	7	2	3,769	0	21	2,527	583	23	1	11,405	14,560
AZ	4,417	302	178	1,435	329	95	160	60	39	3	7,018	0	42	3,792	883	30	177	11,618	16,542
AR	3,860	227	309	1,004	182	431	33	184	26	4	6,260	1	16	2,247	763	61	142	9,576	12,806
CA	4,213	287	231	1,750	378	259	959	175	0	0	8,252	1	47	5,670	1,934	15	210	11,501	19,378
CO	5,727	252	152	791	512	260	58	171	15	2	7,940	0	41	5,596	1,572	63	207	12,462	19,941
CT	5,469	561	269	2,568	1,003	357	178	127	100	23	10,655	0	92	7,878	1,636	233	380	14,726	24,945
DE	3,964	103	49	1,000	745	57	2	86	8	9	6,023	6	67	3,087	1,160	2	166	4,650	9,138
DC	2,719	260	162	1,053	483	159	52	47	57	8	5,000	0	37	6,765	1,339	50	23	14,436	22,650
FL	6,684	508	400	2,892	984	310	294	235	93	19	12,419	0	79	7,904	2,065	91	1,381	20,166	31,686
GA	4,861	183	277	1,585	460	224	83	211	37	5	7,926	16	42	4,780	1,093	361	344	12,111	18,747
ID	5,072	200	260	1,367	317	349	97	160	57	4	7,883	4	20	3,692	1,104	97	550	13,491	18,958
IL	4,024	36	97	1,554	408	68	47	96	35	4	6,369	6	12	3,401	1,022	4	199	9,722	14,366
IN	6,177	313	426	2,127	401	592	32	223	44	1	10,336	3	34	5,213	1,285	245	413	17,007	24,200
IA	4,819	229	60	1,120	394	401	34	189	12	1	7,259	1	8	2,582	603	12	195	10,826	14,227
KS	8,138	516	227	2,305	540	436	34	170	40	1	12,407	8	26	6,682	857	1,805	532	19,830	29,740
KY	6,241	404	121	1,367	20	1,075	13	136	111	1	9,489	5	27	4,355	846	385	1,140	17,002	23,760
LA	8,625	439	591	2,537	1,073	433	58	314	70	7	14,147	5	121	6,147	1,567	55	643	22,198	30,736
ME	3,316	214	89	1,005	348	100	5	103	24	3	5,207	0	15	2,215	414	33	41	7,281	9,999
MD	4,072	372	188	2,142	894	205	62	103	93	18	8,149	0	50	5,799	1,481	54	64	11,614	19,062
MA	6,856	1,347	465	4,552	1,163	547	417	243	201	31	15,822	0	148	10,480	2,160	72	23	20,443	33,326
MI	4,772	172	93	1,442	820	117	24	184	0	0	7,624	0	50	5,118	792	23	370	14,075	20,428
MN	4,398	48	23	435	654	108	80	138	3	0	5,887	0	11	3,582	722	11	196	10,392	14,914
MS	5,053	204	309	1,286	377	400	20	230	27	0	7,906	3	20	3,318	714	51	174	8,969	13,249
MO	4,716	207	270	918	822	58	29	164	13	8	7,205	0	38	3,029	808	230	366	10,352	14,823
MT	4,601	404	106	1,704	510	178	7	152	47	4	7,713	0	23	3,579	739	52	34	16,934	21,361
NE	8,475	357	256	1,627	523	224	43	145	35	4	11,689	2	70	4,898	784	95	170	20,636	26,655
NV	2,751	144	49	492	311	34	9	65	44	11	3,910	0	50	2,292	842	4	177	5,012	8,377
NH	4,761	304	148	1,768	463	209	34	74	63	7	7,831	0	40	4,703	1,061	33	273	10,257	16,367
NJ	10,654	1,317	733	6,792	2,369	910	621	331	351	46	24,124	0	467	19,950	5,911	169	236	37,335	64,068
NM	6,083	307	243	1,381	800	288	40	287	16	0	9,445	1	24	3,878	1,154	42	186	13,598	18,883
NY	5,518	407	529	2,337	594	849	274	245	70	5	10,828	8	52	8,242	2,203	135	561	17,806	29,007
NC	14,370	682	459	4,125	1,009	981	105	521	112	7	22,371	13	78	10,167	2,445	149	1,113	27,641	41,606
ND	2,896	149	163	717	113	224	10	95	11	0	4,378	2	14	1,760	406	21	242	7,938	10,383
OH	6,720	584	637	2,917	1,353	240	76	253	65	20	12,865	12	26	7,405	1,649	73	921	24,050	34,136

State	110	120	210	220	230	240	250	260	270	280	Total Eligible	405	410	420	430	435	440	450	Total Ineligible
OK	6,699	172	252	1,130	535	698	23	240	25	7	9,781	0	50	3,751	1,021	110	466	13,382	18,780
OR	4,867	226	104	1,558	814	282	54	188	46	0	8,139	12	20	4,751	1,157	57	507	12,980	19,484
PA	5,806	291	477	1,987	400	638	79	258	47	4	9,987	4	34	5,974	1,751	103	475	12,411	20,752
RI	3,486	513	212	2,146	496	236	176	101	72	7	7,445	0	56	4,441	877	37	44	9,297	14,752
SC	5,272	1,842	736	2,678	627	813	65	380	81	5	12,499	9	41	6,435	1,990	54	549	18,783	27,861
SD	6,092	48	118	1,333	274	186	12	87	18	1	8,169	0	16	3,693	671	60	277	16,676	21,393
TN	3,708	74	21	309	64	29	3	13	5	0	4,226	0	70	979	619	0	111	8,425	10,204
TX	5,781	536	593	2,361	495	960	124	270	79	3	11,202	4	66	5,917	2,193	83	679	20,985	29,927
UT	5,065	113	120	820	454	25	70	104	16	0	6,787	1	3	2,374	810	15	67	8,721	11,991
VT	6,520	271	303	1,509	289	666	33	207	36	0	9,834	16	28	5,006	1,307	44	225	14,643	21,269
VA	5,021	555	365	1,632	611	326	45	195	40	6	8,796	64	17	4,152	1,018	12	183	10,861	16,307
WA	18,125	462	555	7,413	4,309	2,070	252	826	187	5	34,204	67	102	17,845	5,016	204	3,055	57,054	83,343
WV	3,390	52	54	581	182	113	0	110	13	0	4,495	1	8	1,408	304	13	30	3,257	5,021
WI	4,142	360	271	1,351	6	36	31	57	209	100	6,563	0	24	2,347	594	13	106	8,553	11,637
WY	4,016	153	198	887	180	339	31	122	12	3	5,941	5	16	2,944	861	49	86	9,787	13,748
PR	4,086	35	65	185	326	125	4	171	6	7	5,010	0	13	1,918	398	55	2,731	6,433	11,548
VI	2,607	123	333	487	141	374	57	102	15	2	4,241	3	20	3,326	854	19	409	10,619	15,250
Total	285,749	18,072	13,715	91,884	31,929	19,337	5,131	9,473	2,867	412	478,569	283	2,547	262,424	66,304	5,754	22,150	746,376	1,105,838
Median	4,944	279	237	1,476	489	260	46	167	40	4	7,933	1	38	4,398	1,022	53	218	12,437	19,010

Table 2. BRFSS Call Dispositions, Frequency Distribution by State for Telephone Numbers of Unknown Eligibility, 2004

State	305	310	315	320	325	330	332	335	340	345	350	355	360	365	370	Unknown	AL	99	Total 1,749
	225		64		63		1,027	24	816		101	74	159		786	477	30	0	5,694
AK	51	232	52	28	2	564	98	88	9	370	7	80	914	174	1	2,670			
AZ	51	2,017	320	142	18	605	54	904	344	5	3	1,025	1,458	144	0	7,090			
AR	88	959	122	89	52	1,541	50	373	2	149	5	194	782	78	0	4,484			
CA	83	3,542	946	674	28	628	267	187	12	1,418	564	165	2,814	189	0	11,517			
CO	63	502	202	73	25	1,288	341	241	16	831	20	164	1,760	340	0	5,866			
CT	129	2,804	732	275	102	4,171	541	1,168	607	457	305	1,091	3,393	275	0	16,050			
DE	1,358	1,467	125	18	80	961	33	1,025	1	12	0	232	1,569	8	0	6,889			
DC	85	1,134	344	217	32	1,709	416	650	151	371	121	494	4,262	564	0	10,550			
FL	213	5,437	1,175	407	90	1,497	188	2,493	647	4	7	2,141	2,322	174	0	16,795			
GA	170	1,717	289	195	64	2,206	144	917	8	415	32	514	1,187	116	3	7,977			
ID	54	1,051	144	163	30	2,546	81	569	3	211	18	183	1,146	110	0	6,309			
IL	21	2,906	292	100	29	25	2	537	5	82	22	149	1,481	164	0	5,815			
IN	143	2,376	265	37	90	3,396	102	910	3	344	15	500	1,672	211	0	10,064			
IA	87	438	78	52	68	1,055	120	117	3	554	31	72	826	161	0	3,662			
KS	81	1,486	210	38	53	3,922	161	410	18	566	65	357	1,339	147	0	8,853			
KY	922	828	22	34	16	3,457	53	467	0	534	4	409	1,110	45	0	7,901			
LA	79	3,010	706	98	121	2,812	304	1,054	13	82	22	587	1,952	177	0	11,017			
ME	63	500	70	19	28	1,387	147	184	2	236	8	184	1,330	136	0	4,294			
MD	94	2,221	432	237	75	3,603	460	991	236	438	172	626	3,544	460	0	13,589			
MA	201	4,039	698	671	178	7,139	711	1,476	43	611	45	1,014	5,531	594	1	22,952			
MI	30	3,158	832	144	126	1,297	2	731	125	741	158	312	1,859	233	0	9,748			
MN	21	402	183	77	22	1,280	331	69	1	404	136	79	979	115	0	4,099			
MS	186	997	178	23	51	1,449	127	470	4	234	23	447	984	69	3	5,245			
MO	19	582	222	51	46	1,271	398	181	5	655	12	76	1,086	118	0	4,722			
MT	50	766	100	8	54	1,735	160	247	11	257	18	387	1,483	150	0	5,426			
NE	57	1,694	228	31	48	1,196	40	777	28	58	7	240	985	67	0	5,456			
NV	19	299	77	33	17	1,880	531	55	0	526	8	263	980	75	0	4,763			
NH	124	1,810	251	91	64	3,350	357	861	18	305	19	422	2,173	257	0	10,102			
NJ	412	8,387	1,772	1,100	198	12,851	1,689	3,050	567	1,782	428	1,807	14,387	1,577	1	50,008			
NM	86	819	176	43	39	1,863	237	175	18	875	129	157	1,455	147	0	6,219			
NY	281	3,359	613	565	117	4,964	276	1,698	2	729	39	597	3,341	284	0	16,865			
NC	431	4,317	602	148	136	4,828	193	2,480	60	789	134	1,408	2,537	59	0	18,122			
ND	26	565	64	6	48	858	26	222	3	86	10	88	452	35	0	2,489			
OH	97	3,809	1,262	94	99	2,687	211	2,141	2	294	3	819	2,093	136	2	13,749			
OK	92	765	236	15	2	1,538	233	190	38	549	494	141	1,355	141	0	5,789			
OR	62	1,681	705	83	60	1,872	118	622	5	770	11	391	990	57	0	7,427			

State	305	310	315	320	325	330	332	335	340	345	350	355	360	365	370	Total Unknown
PA	160	2,564	295	156	104	3,548	123	1,167	5	393	27	459	2,460	250	0	11,711
RI	100	1,727	297	200	102	3,054	303	560	13	240	15	395	1,854	293	0	9,153
SC	207	3,352	410	221	138	4,368	202	1,444	5	578	33	758	2,185	189	0	14,090
SD	28	1,022	79	18	7	1,081	14	605	1,114	60	66	205	897	36	6	5,238
TN	9	608	21	58	22	2,576	2	156	2	594	95	106	1,022	105	210	5,586
TX	236	3,018	408	155	91	4,667	246	1,239	14	471	35	609	2,543	239	0	13,971
UT	15	400	100	27	9	628	72	255	1	281	2	79	998	155	0	3,022
VT	216	1,711	252	37	67	2,050	106	1,160	1	369	29	310	1,817	72	0	8,197
VA	250	1,487	357	55	46	2,234	197	921	6	474	8	198	1,779	219	0	8,231
WA	502	7,925	3,776	477	294	6,693	736	3,655	57	2,238	225	1,810	5,391	423	0	34,202
WV	31	374	41	3	8	935	40	163	14	194	30	62	532	55	2	2,484
WI	7	1,040	199	53	7	596	40	525	12	3	0	109	826	83	0	3,500
WY	67	891	110	34	25	1,258	50	436	3	161	7	152	964	53	0	4,211
PR	20	100	40	8	12	89	61	55	16	127	7	47	856	4	0	1,442
VI	90	330	85	52	26	437	71	232	5	164	14	304	951	98	0	2,859
Total	8,066	100,374	21,420	7,697	3,329	124,672	11,489	42,119	4,379	23,165	3,847	24,204	103,083	10,091	229	488,164
Median	87	1,584	244	75	53	1,799	154	614	10	382	23	335	1,470	147	0	7,259

Table 3. Summary of 2004 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.

Code	Description	Definition	Callback Rules
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 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 temporary condition that will last beyond the interviewing period.	Give final disposition (1) the first time a selected respondent is contacted or is Unable described by someone else as unable to complete an interview during the interviewing period or (2) the second time a respondent who is physically or mentally impaired is contacted.
270	Termination after Number of Adults Recorded	Respondent hangs up or terminates call attempt after answering the number of adults question but <i>before</i> answering the number of men and number of women questions. This differs from 280 in that the respondent explicitly refuses.	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.
280	Household Contact after Number of Adults Recorded	Respondent answers the number of adults question and asks to be called again later <i>but</i> 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.	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	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 <i>entire</i> interviewing period.	Give final disposition when informed.
310	Termination, Housing Unit, Unknown if Eligible	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.	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.

Code	Description	Definition	Callback Rules
315	Household Contact, Eligibility Undetermined	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.	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.
320	Language Problem before Respondent Selection	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.	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.
325	Impairment before Respondent Selection	A respondent whose physical or mental impairment prevents him or her from completing the screening questions answers the phone twice before respondent selection.	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.
330	Termination, Unknown if Household	A respondent hangs-up or terminates a call attempt before confirming that the telephone number rings to a private residence.	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.
332	Contact, Unknown if Household	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.	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.
335	Answering Device, Message Confirms Household	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.	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.

Code	Description	Definition	Callback Rules
340	Technological Barrier, Message Confirms Household	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.	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.
345	Answering Device, Unsure If Household	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.	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.
350	Technological Barrier, Unsure if Household	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.	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.
355	Number Has Changed Status from Possible Household to Non-Working	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 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.	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.
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 10 minutes 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. If possible, contact the telephone company repair service to verify the number is in service.
370	On "Never	To be assigned to (those few) telephone	This disposition should never be assigned to a

Code	Description	Definition	Callback Rules
	Call List	numbers that the BRFS State Coordinator has determined, before calling begins, should not be called.	telephone number with one or more call attempts.
400 Not Eligible 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	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.
435	Cellular Telephone	The telephone number rings to a cell or mobile phone.	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 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 that 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, 2004

	COIN	TERE	KNHH	LIHH	AMUR	INH	NCUS	BUNR	NOSN	Elig HH	Total Eligible	EUHH	Total Unknown	Total Ineligible	HH	TOTAL
AL	3,671	1,114	3,248	2,065	233	55	507	2,430	7,062	1,549	5,144	5,187	5,694	9,547	10,153	20,385
AK	2,688	569	935	782	377	21	1,088	2,527	12,012	1,113	3,769	1,582	2,670	14,560	4,995	20,999
AZ	4,768	1,564	3,978	2,188	8	42	1,602	3,792	12,708	2,299	7,018	5,488	7,090	16,542	12,540	30,650
AR	4,161	1,239	2,402	1,928	154	16	860	2,247	10,543	2,173	6,260	3,624	4,484	12,806	9,746	23,550
CA	4,564	1,917	6,529	1,774	1,982	47	3,003	5,670	13,661	3,752	8,252	8,514	11,517	19,378	14,831	39,147
CO	6,027	895	2,026	1,907	851	41	2,100	5,596	14,304	1,961	7,940	3,766	5,866	19,941	10,896	33,747
CT	6,104	2,763	6,621	6,787	762	92	3,668	7,878	16,975	4,625	10,655	12,382	16,050	24,945	22,367	51,650
DE	4,080	1,036	4,882	1,325	12	67	1,577	3,087	5,984	1,956	6,023	5,312	6,889	9,138	11,390	22,050
DC	3,024	1,170	3,019	3,019	492	37	4,826	6,765	15,848	2,021	5,000	5,724	10,550	22,650	10,269	38,200
FL	7,302	3,182	11,253	4,970	11	79	2,496	7,904	23,703	5,227	12,419	14,299	16,795	31,686	26,786	60,900
GA	5,123	1,783	4,113	3,134	447	42	1,303	4,780	13,925	2,882	7,926	6,674	7,977	18,747	14,195	34,650
ID	5,339	1,560	2,802	3,006	229	20	1,256	3,692	15,246	2,611	7,883	5,053	6,309	18,958	12,727	33,150
IL	4,083	1,628	4,414	310	104	12	1,645	3,401	10,953	2,309	6,369	4,170	5,815	14,366	10,447	26,550
IN	6,608	2,435	4,987	4,128	359	34	1,883	5,213	18,953	3,846	10,336	8,181	10,064	24,200	18,192	44,600
IA	5,062	1,166	1,751	1,370	585	8	987	2,582	11,637	2,211	7,259	2,675	3,662	14,227	9,357	25,148
KS	8,728	2,458	3,408	4,549	631	26	1,486	6,682	23,032	3,753	12,407	7,367	8,853	29,740	19,169	51,000
KY	6,664	1,469	3,595	3,969	538	27	1,155	4,355	19,378	2,844	9,489	6,746	7,901	23,760	15,724	41,150
LA	9,242	2,950	6,804	3,935	104	121	2,129	6,147	24,468	5,083	14,147	8,888	11,017	30,736	23,052	55,900
ME	3,554	1,070	1,400	1,767	244	15	1,466	2,215	7,769	1,677	5,207	2,828	4,294	9,999	7,806	19,500
MD	4,496	2,278	5,113	5,237	610	50	4,004	5,799	13,213	3,705	8,149	9,585	13,589	19,062	17,174	40,800
MA	8,331	4,889	9,016	9,757	656	148	6,125	10,480	22,698	7,619	15,822	16,827	22,952	33,326	32,141	72,100
MI	4,967	1,512	5,896	2,006	899	50	2,092	5,118	15,260	2,680	7,624	7,656	9,748	20,428	14,431	37,800
MN	4,452	452	1,658	1,790	540	11	1,094	3,582	11,321	1,441	5,887	3,005	4,099	14,914	8,363	24,900
MS	5,339	1,513	2,885	2,104	257	20	1,053	3,318	9,911	2,649	7,906	4,192	5,245	13,249	11,861	26,400
MO	4,996	1,115	2,098	1,847	667	38	1,204	3,029	11,756	2,282	7,205	3,518	4,722	14,823	10,094	26,750
MT	5,034	1,781	2,061	2,355	275	23	1,633	3,579	17,759	2,708	7,713	3,793	5,426	21,361	11,254	34,500
NE	8,895	1,820	3,730	1,583	65	70	1,052	4,898	21,687	2,857	11,689	4,404	5,456	26,655	16,098	43,800
NV	2,897	539	924	2,724	534	50	1,055	2,292	6,035	1,015	3,910	3,708	4,763	8,377	7,134	17,050
NH	5,106	1,875	3,896	4,302	324	40	2,430	4,703	11,624	2,766	7,831	7,672	10,102	16,367	15,219	34,300
NJ	12,173	7,323	18,249	18,213	2,210	467	15,964	19,950	43,651	12,153	24,124	34,044	50,008	64,068	56,425	138,200
NM	6,443	1,571	2,687	2,357	1,004	24	1,602	3,878	14,981	3,055	9,445	4,617	6,219	18,883	13,082	34,547
NY	6,064	2,727	7,988	6,521	768	52	3,625	8,242	20,713	4,903	10,828	13,240	16,865	29,007	23,352	56,700
NC	15,205	4,431	10,565	6,773	923	78	2,596	10,167	31,361	7,319	22,371	15,526	18,122	41,606	37,052	82,099
ND	3,099	826	1,330	1,029	96	14	487	1,760	8,609	1,333	4,378	2,002	2,489	10,383	6,298	17,250
OH	7,497	3,361	9,316	3,914	297	26	2,229	7,405	26,705	5,561	12,865	11,520	13,749	34,136	24,114	60,750
OK	6,940	1,313	2,811	1,967	1,043	50	1,496	3,751	14,979	2,910	9,781	4,293	5,789	18,780	13,081	34,350
OR	5,122	1,633	4,454	2,529	781	20	1,047	4,751	14,713	3,046	8,139	6,380	7,427	19,484	13,758	35,050
PA	6,213	2,348	5,612	4,395	420	34	2,710	5,974	14,744	3,890	9,987	9,001	11,711	20,752	18,602	42,450
RI	4,057	2,300	3,772	4,067	255	56	2,147	4,441	10,255	3,446	7,445	7,006	9,153	14,752	14,252	31,350
SC	7,323	3,205	7,384	5,692	611	41	2,374	6,435	21,385	5,385	12,499	11,716	14,090	27,861	23,645	54,450

Table 4. BRFSS Call Dispositions, Frequency Distribution by Categories of Case Outcomes, 2004

	COIN	TERE	KNHH	LIHH	AMUR	INHH	NCUS	BUNR	NOSN	Elig HH	Total Eligible	EUHH	Total Unknown	Total Ineligible	HH	TOTAL
SD	6,172	1,419	2,312	2,445	126	16	933	3,693	17,684	2,029	8,169	4,305	5,238	21,393	12,364	34,800
TN	3,788	324	908	2,976	689	70	1,127	979	9,155	444	4,226	4,459	5,586	10,204	8,066	20,016
TX	6,494	2,777	6,832	5,782	506	66	2,782	5,917	23,944	4,885	11,202	11,189	13,971	29,927	21,951	55,100
UT	5,205	913	1,439	816	283	3	1,153	2,374	9,614	1,609	6,787	1,869	3,022	11,991	8,376	21,800
VT	6,864	1,739	4,570	2,571	398	28	1,889	5,006	16,235	3,043	9,834	6,308	8,197	21,269	15,772	39,300
VA	5,634	1,939	4,238	2,736	482	17	1,998	4,152	12,138	3,220	8,796	6,233	8,231	16,307	14,564	33,334
WA	18,957	7,598	23,507	10,067	2,463	102	5,814	17,845	65,396	15,617	34,204	28,388	34,202	83,343	60,231	151,749
WV	3,458	619	1,027	1,064	224	8	587	1,408	3,605	1,053	4,495	1,897	2,484	5,021	6,176	12,000
WI	4,621	1,503	2,210	817	3	24	909	2,347	9,266	2,061	6,563	2,591	3,500	11,637	9,175	21,700
WY	4,226	1,028	2,191	1,522	168	16	1,017	2,944	10,788	1,772	5,941	3,194	4,211	13,748	8,983	23,900
PR	4,134	237	854	233	134	13	860	1,918	9,617	889	5,010	582	1,442	11,548	5,471	18,000
VI	2,812	738	1,428	895	178	20	1,049	3,326	11,904	1,511	4,241	1,810	2,859	15,250	5,893	22,350
Total	307,810	101,610	241,128	175,999	27,012	2,547	113,174	262,424	840,867	174,748	478,569	374,990	488,164	1,105,838	829,094	2,072,571
Median	5,164	1,600	3,751	2,550	434	38	1,602	4,398	14,509	2,805	7,933	5,606	7,259	19,010	13,420	34,524

Table 5. BRFSS Call Dispositions, Percent Distribution by Categories of Case Outcomes, 2004

State	% COIN	% TERE	% KNHH	% LIHH	% AMUR	% INHH	% NCUS	% BUNR	% NOSN	% Elig HH	% Total Eligible	% EUHH	% Total Unknown	% Total Ineligible	% HH	TOTAL
AL	18.01%	5.46%	15.93%	10.13%	1.14%	0.27%	2.49%	11.92%	34.64%	7.60%	25.23%	25.45%	27.93%	46.83%	49.81%	20,385
AK	12.80%	2.71%	4.45%	3.72%	1.80%	0.10%	5.18%	12.03%	57.20%	5.30%	17.95%	7.53%	12.71%	69.34%	23.79%	20,999
AZ	15.56%	5.10%	12.98%	7.14%	0.03%	0.14%	5.23%	12.37%	41.46%	7.50%	22.90%	17.91%	23.13%	53.97%	40.91%	30,650
AR	17.67%	5.26%	10.20%	8.19%	0.65%	0.07%	3.65%	9.54%	44.77%	9.23%	26.58%	15.39%	19.04%	54.38%	41.38%	23,550
CA	11.66%	4.90%	16.68%	4.53%	5.06%	0.12%	7.67%	14.48%	34.90%	9.58%	21.08%	21.75%	29.42%	49.50%	37.89%	39,147
CO	17.86%	2.65%	6.00%	5.65%	2.52%	0.12%	6.22%	16.58%	42.39%	5.81%	23.53%	11.16%	17.38%	59.09%	32.29%	33,747
CT	11.82%	5.35%	12.82%	13.14%	1.48%	0.18%	7.10%	15.25%	32.87%	8.95%	20.63%	23.97%	31.07%	48.30%	43.30%	51,650
DE	18.51%	4.70%	22.14%	6.01%	0.05%	0.30%	7.15%	14.00%	27.14%	8.87%	27.32%	24.09%	31.24%	41.44%	51.66%	22,050
DC	7.92%	3.06%	7.90%	7.90%	1.29%	0.10%	12.63%	17.71%	41.49%	5.29%	13.09%	14.98%	27.62%	59.29%	26.88%	38,200
FL	11.99%	5.22%	18.48%	8.16%	0.02%	0.13%	4.10%	12.98%	38.92%	8.58%	20.39%	23.48%	27.58%	52.03%	43.98%	60,900
GA	14.78%	5.15%	11.87%	9.04%	1.29%	0.12%	3.76%	13.80%	40.19%	8.32%	22.87%	19.26%	23.02%	54.10%	40.97%	34,650
ID	16.10%	4.71%	8.45%	9.07%	0.69%	0.06%	3.79%	11.14%	45.99%	7.88%	23.78%	15.24%	19.03%	57.19%	38.39%	33,150
IL	15.38%	6.13%	16.63%	1.17%	0.39%	0.05%	6.20%	12.81%	41.25%	8.70%	23.99%	15.71%	21.90%	54.11%	39.35%	26,550
IN	14.82%	5.46%	11.18%	9.26%	0.80%	0.08%	4.22%	11.69%	42.50%	8.62%	23.17%	18.34%	22.57%	54.26%	40.79%	44,600
IA	20.13%	4.63%	6.96%	5.45%	2.33%	0.03%	3.92%	10.27%	46.27%	8.79%	28.87%	10.64%	14.56%	56.57%	37.21%	25,148
KS	17.11%	4.82%	6.68%	8.92%	1.24%	0.05%	2.91%	13.10%	45.16%	7.36%	24.33%	14.45%	17.36%	58.31%	37.59%	51,000
KY	16.19%	3.57%	8.74%	9.65%	1.31%	0.07%	2.81%	10.58%	47.09%	6.91%	23.06%	16.39%	19.20%	57.74%	38.21%	41,150
LA	16.53%	5.28%	12.17%	7.04%	0.19%	0.22%	3.81%	11.00%	43.77%	9.09%	25.31%	15.90%	19.71%	54.98%	41.24%	55,900
ME	18.23%	5.48%	7.18%	9.06%	1.25%	0.08%	7.52%	11.36%	39.84%	8.60%	26.70%	14.50%	22.02%	51.28%	40.03%	19,500
MD	11.02%	5.58%	12.53%	12.84%	1.50%	0.12%	9.81%	14.21%	32.38%	9.08%	19.97%	23.49%	33.31%	46.72%	42.09%	40,800
MA	11.55%	6.78%	12.50%	13.53%	0.91%	0.21%	8.50%	14.54%	31.48%	10.57%	21.94%	23.34%	31.83%	46.22%	44.58%	72,100
MI	13.14%	4.00%	15.60%	5.31%	2.38%	0.13%	5.53%	13.54%	40.37%	7.09%	20.17%	20.25%	25.79%	54.04%	38.18%	37,800
MN	17.88%	1.81%	6.66%	7.19%	2.17%	0.04%	4.39%	14.39%	45.47%	5.79%	23.64%	12.07%	16.46%	59.90%	33.59%	24,900
MS	20.22%	5.73%	10.93%	7.97%	0.97%	0.08%	3.99%	12.57%	37.54%	10.03%	29.95%	15.88%	19.87%	50.19%	44.93%	26,400
MO	18.68%	4.17%	7.84%	6.90%	2.49%	0.14%	4.50%	11.32%	43.95%	8.53%	26.93%	13.15%	17.65%	55.41%	37.73%	26,750
MT	14.59%	5.16%	5.97%	6.83%	0.80%	0.07%	4.73%	10.37%	51.48%	7.85%	22.36%	10.99%	15.73%	61.92%	32.62%	34,500
NE	20.31%	4.15%	8.52%	3.61%	0.15%	0.16%	2.40%	11.18%	49.51%	6.52%	26.69%	10.05%	12.46%	60.86%	36.75%	43,800
NV	16.99%	3.16%	5.42%	15.98%	3.13%	0.29%	6.19%	13.44%	35.40%	5.95%	22.93%	21.75%	27.94%	49.13%	41.84%	17,050
NH	14.89%	5.47%	11.36%	12.54%	0.94%	0.12%	7.08%	13.71%	33.89%	8.06%	22.83%	22.37%	29.45%	47.72%	44.37%	34,300
NJ	8.81%	5.30%	13.20%	13.18%	1.60%	0.34%	11.55%	14.44%	31.59%	8.79%	17.46%	24.63%	36.19%	46.36%	40.83%	138,200
NM	18.65%	4.55%	7.78%	6.82%	2.91%	0.07%	4.64%	11.23%	43.36%	8.84%	27.34%	13.36%	18.00%	54.66%	37.87%	34,547
NY	10.70%	4.81%	14.09%	11.50%	1.35%	0.09%	6.39%	14.54%	36.53%	8.65%	19.10%	23.35%	29.74%	51.16%	41.19%	56,700
NC	18.52%	5.40%	12.87%	8.25%	1.12%	0.10%	3.16%	12.38%	38.20%	8.91%	27.25%	18.91%	22.07%	50.68%	45.13%	82,099
ND	17.97%	4.79%	7.71%	5.97%	0.56%	0.08%	2.82%	10.20%	49.91%	7.73%	25.38%	11.61%	14.43%	60.19%	36.51%	17,250
OH	12.34%	5.53%	15.33%	6.44%	0.49%	0.04%	3.67%	12.19%	43.96%	9.15%	21.18%	18.96%	22.63%	56.19%	39.69%	60,750
OK	20.20%	3.82%	8.18%	5.73%	3.04%	0.15%	4.36%	10.92%	43.61%	8.47%	28.47%	12.50%	16.85%	54.67%	38.08%	34,350
OR	14.61%	4.66%	12.71%	7.22%	2.23%	0.06%	2.99%	13.55%	41.98%	8.69%	23.22%	18.20%	21.19%	55.59%	39.25%	35,050
PA	14.64%	5.53%	13.22%	10.35%	0.99%	0.08%	6.38%	14.07%	34.73%	9.16%	23.53%	21.20%	27.59%	48.89%	43.82%	42,450
RI	12.94%	7.34%	12.03%	12.97%	0.81%	0.18%	6.85%	14.17%	32.71%	10.99%	23.75%	22.35%	29.20%	47.06%	45.46%	31,350

Table 5. BRFSS Call Dispositions, Percent Distribution by Categories of Case Outcomes, 2004

State	% COIN	% TERE	% KNHH	% LIHH	% AMUR	% INHH	% NCUS	% BUNR	% NOSN	% Elig HH	% Total Eligible	% EUHH	% Total Unknown	% Total Ineligible	% HH	TOTAL
SC	13.45%	5.89%	13.56%	10.45%	1.12%	0.08%	4.36%	11.82%	39.27%	9.89%	22.96%	21.52%	25.88%	51.17%	43.43%	54,450
SD	17.74%	4.08%	6.64%	7.03%	0.36%	0.05%	2.68%	10.61%	50.82%	5.83%	23.47%	12.37%	15.05%	61.47%	35.53%	34,800
TN	18.92%	1.62%	4.54%	14.87%	3.44%	0.35%	5.63%	4.89%	45.74%	2.22%	21.11%	22.28%	27.91%	50.98%	40.30%	20,016
TX	11.79%	5.04%	12.40%	10.49%	0.92%	0.12%	5.05%	10.74%	43.46%	8.87%	20.33%	20.31%	25.36%	54.31%	39.84%	55,100
UT	23.88%	4.19%	6.60%	3.74%	1.30%	0.01%	5.29%	10.89%	44.10%	7.38%	31.13%	8.57%	13.86%	55.00%	38.42%	21,800
VT	17.47%	4.42%	11.63%	6.54%	1.01%	0.07%	4.81%	12.74%	41.31%	7.74%	25.02%	16.05%	20.86%	54.12%	40.13%	39,300
VA	16.90%	5.82%	12.71%	8.21%	1.45%	0.05%	5.99%	12.46%	36.41%	9.66%	26.39%	18.70%	24.69%	48.92%	43.69%	33,334
WA	12.49%	5.01%	15.49%	6.63%	1.62%	0.07%	3.83%	11.76%	43.09%	10.29%	22.54%	18.71%	22.54%	54.92%	39.69%	151,749
WV	28.82%	5.16%	8.56%	8.87%	1.87%	0.07%	4.89%	11.73%	30.04%	8.78%	37.46%	15.81%	20.70%	41.84%	51.47%	12,000
WI	21.30%	6.92%	10.18%	3.76%	0.01%	0.11%	4.19%	10.82%	42.70%	9.50%	30.24%	11.94%	16.13%	53.63%	42.28%	21,700
WY	17.68%	4.30%	9.17%	6.37%	0.70%	0.07%	4.26%	12.32%	45.14%	7.41%	24.86%	13.36%	17.62%	57.52%	37.59%	23,900
PR	22.97%	1.32%	4.74%	1.29%	0.74%	0.07%	4.78%	10.66%	53.43%	4.94%	27.83%	3.23%	8.01%	64.16%	30.39%	18,000
VI	12.58%	3.30%	6.39%	4.00%	0.80%	0.09%	4.69%	14.88%	53.26%	6.76%	18.98%	8.10%	12.79%	68.23%	26.37%	22,350
Total	14.85%	4.90%	11.63%	8.49%	1.30%	0.12%	5.46%	12.66%	40.57%	8.43%	23.09%	18.09%	23.55%	53.36%	40.00%	2,072,571
Median	14.96%	4.63%	10.87%	7.39%	1.26%	0.11%	4.64%	12.74%	42.02%	8.12%	22.98%	16.24%	21.02%	55.06%	38.87%	34,524
Minimum	7.92%	1.62%	4.45%	1.17%	0.01%	0.01%	2.40%	4.89%	27.14%	2.22%	13.09%	7.53%	12.46%	41.44%	23.79%	12,000
Maximum	28.82%	7.34%	22.14%	15.98%	5.06%	0.35%	12.63%	17.71%	57.20%	10.99%	37.46%	25.45%	36.19%	69.34%	51.66%	151,749

Table 6. BRFSS Outcome Rates by State, 2004

State Name	Resolution Rate	Screening Completion Rate	Interview Completion Rate	Cooperation Rate	Refusal Rate	Overall Response Rate	Response Rate
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Alabama	86.2%	59.8%	76.7%	75.3%	15.6%	36.9%	51.4%
Alaska	89.3%	77.8%	82.5%	79.7%	13.2%	54.9%	62.3%
Arizona	87.6%	61.6%	75.3%	72.8%	17.1%	38.8%	52.2%
Arkansas	87.5%	69.3%	77.1%	74.1%	16.0%	43.6%	53.8%
California	82.7%	50.0%	70.4%	59.9%	16.4%	31.4%	39.0%
Colorado	85.6%	77.5%	87.1%	84.3%	9.3%	56.4%	62.7%
Connecticut	78.3%	57.5%	68.8%	66.6%	17.9%	27.8%	39.5%
Delaware	86.8%	51.5%	79.8%	78.4%	11.8%	36.6%	46.6%
District of Columbia	78.2%	58.4%	72.1%	70.4%	16.9%	30.0%	43.8%
Florida	87.7%	48.4%	69.6%	66.3%	18.6%	27.8%	42.6%
Georgia	85.9%	62.8%	74.2%	71.2%	17.3%	36.8%	49.8%
Idaho	86.5%	71.2%	77.4%	74.6%	16.0%	42.8%	54.8%
Illinois	92.2%	56.5%	71.5%	69.7%	20.0%	39.9%	50.1%
Indiana	85.7%	64.5%	73.1%	71.1%	18.2%	37.1%	49.5%
Iowa	88.3%	78.1%	81.3%	78.5%	13.7%	55.2%	59.6%
Kansas	86.9%	76.7%	78.0%	76.6%	16.4%	46.5%	58.1%
Kentucky	86.2%	69.4%	81.9%	80.5%	12.5%	43.2%	56.7%
Louisiana	89.0%	64.4%	75.8%	73.6%	16.7%	40.9%	52.5%
Maine	82.2%	76.8%	76.9%	75.1%	16.0%	46.5%	53.2%
Maryland	75.9%	57.2%	66.4%	64.8%	18.6%	26.7%	36.8%
Massachusetts	77.1%	59.7%	63.0%	60.0%	21.1%	26.4%	35.9%
Michigan	86.8%	52.5%	76.7%	74.3%	14.7%	35.1%	48.4%
Minnesota	86.2%	74.8%	90.8%	86.9%	6.4%	54.3%	63.2%
Mississippi	87.1%	70.4%	77.9%	75.2%	15.3%	45.9%	54.1%
Missouri	86.1%	74.6%	81.8%	79.3%	12.7%	50.5%	57.1%
Montana	87.6%	76.8%	73.9%	72.2%	19.5%	45.6%	55.0%
Nebraska	93.8%	74.3%	83.0%	81.6%	13.6%	56.4%	66.6%
Nevada	74.7%	79.0%	84.3%	82.5%	9.9%	41.4%	53.4%
New Hampshire	79.4%	64.3%	73.1%	72.0%	16.9%	34.2%	46.0%
New Jersey	73.7%	52.2%	62.4%	59.5%	19.4%	22.0%	32.2%
New Mexico	85.6%	74.9%	80.4%	77.2%	13.6%	50.3%	55.9%
New York	80.8%	52.5%	69.0%	65.1%	17.7%	26.5%	39.3%
North Carolina	87.5%	65.1%	77.4%	75.0%	15.4%	41.9%	53.0%
North Dakota	90.7%	74.8%	79.0%	76.9%	16.1%	50.2%	60.6%
Ohio	89.4%	53.9%	69.0%	67.0%	20.2%	31.7%	45.1%
Oklahoma	86.9%	74.7%	84.1%	81.5%	11.2%	54.1%	59.0%

Oregon	87.6%	60.3%	75.8%	73.2%	15.8%	38.0%	49.6%
Pennsylvania	82.3%	60.5%	72.6%	69.8%	17.0%	34.1%	45.1%

Table 6. BRFSS Outcome Rates by State, 2004

State Name	Resolution Rate	Screening Completion Rate	Interview Completion Rate	Cooperation Rate	Refusal Rate	Overall Response Rate	Response Rate
Rhode Island	79.4%	63.0%	63.8%	61.2%	21.9%	29.0%	38.6%
South Carolina	84.1%	58.9%	69.6%	66.7%	19.0%	31.6%	43.4%
South Dakota	89.9%	76.7%	81.3%	80.3%	14.8%	50.9%	64.2%
Tennessee	76.1%	82.2%	92.1%	91.8%	5.5%	47.9%	64.6%
Texas	83.5%	57.7%	70.1%	67.2%	18.5%	30.2%	43.3%
Utah	89.7%	81.0%	85.1%	82.7%	11.6%	63.4%	66.1%
Vermont	87.6%	65.4%	79.8%	77.6%	14.0%	44.4%	55.2%
Virginia	84.4%	64.2%	74.4%	72.1%	16.6%	39.5%	48.2%
Washington	87.9%	53.1%	71.4%	68.6%	17.2%	32.1%	42.9%
West Virginia	84.4%	79.9%	84.8%	82.6%	10.9%	57.1%	61.0%
Wisconsin	92.0%	73.6%	75.5%	74.4%	19.2%	51.4%	59.1%
Wyoming	88.7%	70.6%	80.4%	78.2%	14.3%	48.0%	58.6%
Puerto Rico	93.2%	83.7%	94.6%	90.9%	4.4%	77.1%	75.9%
Virgin Islands	90.5%	71.4%	79.2%	75.8%	15.2%	48.7%	57.8%
Median	86.4%	64.8%	76.7%	74.3%	16.1%	41.2%	52.7%
Minimum	73.7%	48.4%	62.4%	59.5%	5.5%	22.0%	32.2%
Maximum	93.8%	82.2%	92.1%	91.8%	21.9%	63.4%	66.6%

Table 7. Percentage of Females in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	63.96	52.6	11.36
Alaska	54.29	48.11	6.18
Arizona	63.70	50.58	13.12
Arkansas	61.13	51.92	9.21
California	58.78	50.67	8.11
Colorado	58.14	49.95	8.19
Connecticut	60.31	52.51	7.80
Delaware	60.11	52.3	7.81
District of Columbia	60.63	53.55	7.08
Florida	61.41	51.98	9.43
Georgia	60.13	51.37	8.76
Idaho	58.19	50.21	7.98
Illinois	59.91	51.73	8.18
Indiana	60.24	51.6	8.64
Iowa	60.17	51.7	8.47
Kansas	58.89	51.21	7.68
Kentucky	64.72	51.83	12.89
Louisiana	63.37	52.42	10.95
Maine	58.21	52.08	6.13
Maryland	60.98	52.63	8.35
Massachusetts	58.22	52.75	5.47
Michigan	59.39	51.65	7.74
Minnesota	57.61	51.06	6.55
Mississippi	63.42	52.49	10.93
Missouri	57.53	52.2	5.33
Montana	57.52	50.63	6.89
Nebraska	58.74	51.33	7.41
Nevada	49.44	49.4	0.04
New Hampshire	57.00	51.5	5.50
New Jersey	58.38	52.3	6.08
New Mexico	59.45	51.44	8.01
New York	61.19	52.65	8.54
North Carolina	60.74	51.63	9.11
North Dakota	55.90	50.61	5.29
Ohio	59.76	52.26	7.50
Oklahoma	60.55	51.56	8.99
Oregon	59.01	50.89	8.12
Pennsylvania	60.39	52.59	7.80
Rhode Island	60.44	52.92	7.52
South Carolina	60.24	52.21	8.03
South Dakota	57.79	51.02	6.77
Tennessee	63.80	52.04	11.76
Texas	60.94	50.89	10.05
Utah	52.72	50.25	2.47
Vermont	58.33	51.66	6.67
Virginia	58.16	51.59	6.57
Washington	59.59	50.69	8.90

Table 7. Percentage of Females in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
West Virginia	59.61	52.1	7.51
Wisconsin	57.26	51.21	6.05
Wyoming	56.36	50.03	6.33
Puerto Rico	61.47	53.06	8.41
Virgin Islands	62.81	54.75	8.06
Median	59.60	51.64	7.81
Mean	59.34	51.53	7.81
Standard Deviation	2.72	0.99	2.25
Range	15.28	5.44	13.08

Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2004*

State	BRFSS Percent	Population Percent	Difference
Alabama	70.45	72.23	-1.78
Alaska	73.92	70.71	3.21
Arizona	72.27	68.34	3.93
Arkansas	83.93	80.57	3.36
California	55.31	49.76	5.55
Colorado	78.08	77.04	1.04
Connecticut	85.43	79.27	6.16
Delaware	78.79	74.45	4.34
District of Columbia	46.93	31.90	15.03
Florida	73.57	67.47	6.10
Georgia	67.57	64.46	3.11
Idaho	91.60	89.54	2.06
Illinois	74.26	70.04	4.22
Indiana	86.22	86.89	-0.67
Iowa	94.05	93.56	0.49
Kansas	87.30	84.70	2.60
Kentucky	90.52	89.92	0.60
Louisiana	67.04	64.97	2.07
Maine	96.16	96.95	-0.79
Maryland	71.07	63.22	7.85
Massachusetts	85.23	83.17	2.06
Michigan	84.26	80.48	3.78
Minnesota	92.28	89.79	2.49
Mississippi	65.85	63.71	2.14
Missouri	86.23	85.11	1.12
Montana	91.39	91.21	0.18
Nebraska	90.05	88.71	1.34
Nevada	64.70	68.04	-3.34
New Hampshire	94.86	95.51	-0.65
New Jersey	73.53	67.13	6.40
New Mexico	54.88	48.60	6.28
New York	71.01	63.28	7.73
North Carolina	72.79	72.06	0.73
North Dakota	93.59	93.10	0.49
Ohio	85.10	85.36	-0.26
Oklahoma	76.75	76.78	-0.03
Oregon	84.85	85.33	-0.48
Pennsylvania	89.13	85.43	3.70
Rhode Island	85.81	83.83	1.98
South Carolina	74.32	68.43	5.89
South Dakota	92.49	90.23	2.26
Tennessee	83.88	80.90	2.98
Texas	56.44	55.48	0.96
Utah	88.04	86.18	1.86
Vermont	94.76	96.41	-1.65

Table 8. Percentage of White Non-Hispanic People in BRFSS and Population Data by State, 2004*

State	BRFSS Percent	Population Percent	Difference
Virginia	73.45	71.39	2.06
Washington	82.87	80.85	2.02
West Virginia	93.34	94.85	-1.51
Wisconsin	90.80	89.25	1.55
Wyoming	91.27	90.22	1.05
Median	84.10	80.71	2.06
Mean	80.17	77.74	2.43
Standard Deviation	11.84	13.73	3.08
Range	49.23	65.05	18.37

*Puerto Rico and Virgin Islands are excluded.

Table 9. Percentage of People Aged 18-24 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	7.86	13.52	5.66
Alaska	10.95	14.00	3.05
Arizona	6.94	13.20	6.26
Arkansas	7.96	13.40	5.44
California	10.14	13.31	3.17
Colorado	9.72	13.11	3.39
Connecticut	6.68	11.14	4.46
Delaware	9.57	13.08	3.51
District of Columbia	9.12	14.53	5.41
Florida	7.63	11.06	3.43
Georgia	9.55	13.83	4.28
Idaho	10.26	15.32	5.06
Illinois	11.16	13.17	2.01
Indiana	9.13	13.85	4.72
Iowa	8.41	14.16	5.75
Kansas	7.92	14.38	6.46
Kentucky	5.99	13.16	7.17
Louisiana	10.94	15.00	4.06
Maine	6.34	11.57	5.23
Maryland	6.30	11.84	5.54
Massachusetts	7.01	12.10	5.09
Michigan	8.83	13.10	4.27
Minnesota	7.87	13.43	5.56
Mississippi	8.68	15.43	6.75
Missouri	8.66	13.21	4.55
Montana	7.17	13.51	6.34
Nebraska	6.45	14.26	7.81
Nevada	9.78	11.45	1.67
New Hampshire	6.46	12.11	5.65
New Jersey	6.11	10.94	4.83
New Mexico	8.99	13.92	4.93
New York	8.19	12.35	4.16
North Carolina	7.19	13.01	5.82
North Dakota	8.62	15.78	7.16
Ohio	8.88	12.88	4.00
Oklahoma	8.37	14.32	5.95
Oregon	8.73	12.79	4.06
Pennsylvania	8.05	12.25	4.20
Rhode Island	6.93	13.46	6.53
South Carolina	7.69	13.76	6.07
South Dakota	6.82	14.83	8.01
Tennessee	6.80	12.78	5.98
Texas	11.60	14.50	2.90
Utah	13.84	20.11	6.27
Vermont	6.62	13.40	6.78
Virginia	8.43	12.80	4.37
Washington	10.38	12.94	2.56

Table 9. Percentage of People Aged 18-24 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
West Virginia	7.39	12.41	5.02
Wisconsin	8.64	13.57	4.93
Wyoming	8.29	14.62	6.33
Puerto Rico	12.09	14.85	2.76
Virgin Islands	9.50	14.88	5.38
Median	8.39	13.40	5.08
Mean	8.49	13.51	5.01
Standard Deviation	1.67	1.46	1.43
Range	7.85	9.17	6.34

Table 10. Percentage of Adults Aged 25-34 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	15.04	17.24	2.20
Alaska	19.50	18.41	-1.09
Arizona	17.09	18.71	1.62
Arkansas	13.92	17.00	3.08
California	19.95	19.88	-0.07
Colorado	18.08	19.32	1.24
Connecticut	13.91	15.56	1.65
Delaware	15.31	16.85	1.54
District of Columbia	21.61	21.73	0.12
Florida	13.68	15.62	1.94
Georgia	16.38	19.99	3.61
Idaho	18.17	17.71	-0.46
Illinois	15.04	18.59	3.55
Indiana	17.10	17.28	0.18
Iowa	14.64	15.63	0.99
Kansas	15.46	16.72	1.26
Kentucky	13.97	17.55	3.58
Louisiana	16.55	17.61	1.06
Maine	13.14	14.47	1.33
Maryland	15.41	17.05	1.64
Massachusetts	15.31	17.15	1.84
Michigan	12.52	17.08	4.56
Minnesota	14.35	16.95	2.60
Mississippi	16.46	17.75	1.29
Missouri	14.53	16.67	2.14
Montana	14.05	14.76	0.71
Nebraska	16.19	16.83	0.64
Nevada	15.90	19.34	3.44
New Hampshire	13.32	15.05	1.73
New Jersey	14.28	16.95	2.67
New Mexico	13.94	17.01	3.07
New York	16.02	17.89	1.87
North Carolina	17.69	18.63	0.94
North Dakota	14.53	15.35	0.82
Ohio	15.34	16.60	1.26
Oklahoma	14.74	16.93	2.19
Oregon	16.32	17.53	1.21
Pennsylvania	14.14	15.32	1.18
Rhode Island	13.68	16.07	2.39
South Carolina	15.71	17.48	1.77
South Dakota	14.25	15.69	1.44
Tennessee	16.00	17.88	1.88
Texas	20.00	19.97	-0.03
Utah	22.20	21.98	-0.22
Vermont	12.91	14.51	1.60
Virginia	15.38	17.76	2.38
Washington	16.17	17.78	1.61

Table 10. Percentage of Adults Aged 25-34 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
West Virginia	14.18	15.58	1.40
Wisconsin	16.51	16.16	-0.35
Wyoming	15.43	15.64	0.21
Puerto Rico	12.82	19.30	6.48
Virgin Islands	15.74	18.83	3.09
Median	15.36	17.12	1.61
Mean	15.66	17.33	1.67
Standard Deviation	2.10	1.66	1.34
Range	9.68	7.51	7.57

Table 11. Percentage of Adults Aged 35-44 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	18.37	19.31	-0.94
Alaska	20.94	23.36	-2.42
Arizona	18.91	19.62	-0.71
Arkansas	17.20	18.76	-1.56
California	22.61	21.51	1.10
Colorado	20.61	21.60	-0.99
Connecticut	20.53	21.45	-0.92
Delaware	21.68	20.64	1.04
District of Columbia	19.26	19.14	0.12
Florida	17.19	19.20	-2.01
Georgia	20.85	21.85	-1.00
Idaho	18.12	19.28	-1.16
Illinois	20.59	20.55	0.04
Indiana	19.63	19.98	-0.35
Iowa	18.98	18.57	0.41
Kansas	19.07	19.53	-0.46
Kentucky	18.54	19.92	-1.38
Louisiana	19.88	19.78	0.10
Maine	20.01	20.19	-0.18
Maryland	20.90	22.15	-1.25
Massachusetts	21.03	21.19	-0.16
Michigan	19.59	20.36	-0.77
Minnesota	20.98	21.17	-0.19
Mississippi	17.60	19.15	-1.55
Missouri	18.54	19.83	-1.29
Montana	19.52	18.51	1.01
Nebraska	19.62	19.22	0.40
Nevada	19.50	21.21	-1.71
New Hampshire	21.14	22.10	-0.96
New Jersey	20.77	21.74	-0.97
New Mexico	18.84	19.75	-0.91
New York	21.28	20.80	0.48
North Carolina	19.99	20.41	-0.42
North Dakota	19.04	18.11	0.93
Ohio	19.06	19.82	-0.76
Oklahoma	18.43	18.83	-0.40
Oregon	17.80	18.95	-1.15
Pennsylvania	18.62	19.41	-0.79
Rhode Island	20.25	20.29	-0.04
South Carolina	18.60	19.66	-1.06
South Dakota	18.36	18.83	-0.47
Tennessee	18.58	20.00	-1.42
Texas	20.20	21.18	-0.98
Utah	18.10	18.73	-0.63
Vermont	19.96	20.03	-0.07
Virginia	21.85	21.41	0.44
Washington	20.01	20.80	-0.79

Table 11. Percentage of Adults Aged 35-44 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
West Virginia	18.29	17.75	0.54
Wisconsin	19.95	20.47	-0.52
Wyoming	18.21	18.74	-0.53
Puerto Rico	17.37	18.66	-1.29
Virgin Islands	21.43	20.08	1.35
Median	19.56	19.95	-0.67
Mean	19.55	20.07	-0.52
Standard Deviation	1.28	1.17	0.82
Range	5.42	5.61	3.77

Table 12. Percentage of Adults Aged 45-54 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	20.83	18.59	2.24
Alaska	23.66	23.16	0.50
Arizona	18.80	17.30	1.50
Arkansas	20.25	17.82	2.43
California	19.28	18.52	0.76
Colorado	21.26	20.39	0.87
Connecticut	21.92	19.67	2.25
Delaware	20.41	18.43	1.98
District of Columbia	18.28	16.91	1.37
Florida	18.28	17.41	0.87
Georgia	20.96	18.68	2.28
Idaho	19.77	19.05	0.72
Illinois	21.60	18.64	2.96
Indiana	21.18	18.93	2.25
Iowa	20.88	18.62	2.26
Kansas	22.05	18.90	3.15
Kentucky	22.55	18.88	3.67
Louisiana	21.09	18.70	2.39
Maine	23.39	20.51	2.88
Maryland	23.45	19.98	3.47
Massachusetts	22.48	18.87	3.61
Michigan	23.08	19.59	3.49
Minnesota	22.89	19.46	3.43
Mississippi	19.60	17.94	1.66
Missouri	20.09	18.61	1.48
Montana	22.47	20.88	1.59
Nebraska	22.69	18.76	3.93
Nevada	20.40	18.64	1.76
New Hampshire	24.50	20.89	3.61
New Jersey	21.68	19.18	2.50
New Mexico	21.20	19.40	1.80
New York	20.83	18.51	2.32
North Carolina	19.08	18.43	0.65
North Dakota	23.19	18.77	4.42
Ohio	22.52	19.38	3.14
Oklahoma	19.49	18.28	1.21
Oregon	21.84	20.15	1.69
Pennsylvania	21.56	19.09	2.47
Rhode Island	23.50	18.66	4.84
South Carolina	20.92	18.68	2.24
South Dakota	22.04	18.68	3.36
Tennessee	20.94	18.85	2.09
Texas	18.79	18.42	0.37
Utah	17.74	16.55	1.19
Vermont	23.80	21.02	2.78
Virginia	22.31	19.42	2.89
Washington	21.18	20.13	1.05

Table 12. Percentage of Adults Aged 45-54 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
West Virginia	21.69	19.51	2.18
Wisconsin	22.02	19.35	2.67
Wyoming	24.36	21.19	3.17
Puerto Rico	20.41	16.95	3.46
Virgin Islands	22.94	19.57	3.37
Median	21.41	18.86	2.27
Mean	21.39	19.06	2.33
Standard Deviation	1.61	1.15	1.05
Range	6.76	6.61	4.47

Table 13. Percentage of Adults Aged 55-64 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	16.92	13.43	3.49
Alaska	14.71	12.27	2.44
Arizona	15.92	12.81	3.11
Arkansas	19.38	13.75	5.63
California	13.85	11.89	1.96
Colorado	15.53	12.27	3.26
Connecticut	16.04	13.67	2.37
Delaware	13.83	13.36	0.47
District of Columbia	14.59	12.02	2.57
Florida	16.41	13.48	2.93
Georgia	15.52	12.30	3.22
Idaho	16.02	12.73	3.29
Illinois	14.33	12.44	1.89
Indiana	15.08	12.87	2.21
Iowa	15.52	12.64	2.88
Kansas	13.87	12.23	1.64
Kentucky	17.30	13.32	3.98
Louisiana	15.11	12.59	2.52
Maine	17.34	14.07	3.27
Maryland	16.27	13.47	2.80
Massachusetts	16.39	12.76	3.63
Michigan	16.14	13.04	3.10
Minnesota	15.70	12.38	3.32
Mississippi	16.17	12.66	3.51
Missouri	16.62	13.17	3.45
Montana	18.14	13.89	4.25
Nebraska	15.35	12.18	3.17
Nevada	16.83	14.03	2.80
New Hampshire	16.84	13.57	3.27
New Jersey	16.18	13.31	2.87
New Mexico	16.63	13.23	3.40
New York	14.99	13.01	1.98
North Carolina	16.33	13.09	3.24
North Dakota	15.47	11.99	3.48
Ohio	15.34	13.08	2.26
Oklahoma	16.74	13.30	3.44
Oregon	17.01	13.45	3.56
Pennsylvania	16.58	13.22	3.36
Rhode Island	17.42	12.56	4.86
South Carolina	17.88	13.66	4.22
South Dakota	14.94	12.07	2.87
Tennessee	16.55	13.56	2.99
Texas	14.57	11.80	2.77
Utah	13.86	10.19	3.67
Vermont	17.13	13.91	3.22
Virginia	16.15	13.34	2.81

Table 13. Percentage of Adults Aged 55-64 in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Washington	15.45	13.00	2.45
West Virginia	17.93	14.27	3.66
Wisconsin	15.04	12.60	2.44
Wyoming	15.68	13.51	2.17
Puerto Rico	16.76	13.86	2.90
Virgin Islands	17.80	11.86	5.94
Median	16.15	13.06	3.14
Mean	16.04	12.95	3.10
Standard Deviation	1.19	0.75	0.89
Range	5.55	4.08	5.47

Table 14. Percentage of Adults Aged 65+ in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Alabama	20.63	17.91	2.72
Alaska	9.35	8.80	0.55
Arizona	21.42	18.36	3.06
Arkansas	20.72	19.28	1.44
California	13.97	14.90	-0.93
Colorado	14.38	13.30	1.08
Connecticut	19.71	18.51	1.20
Delaware	18.50	17.64	0.86
District of Columbia	15.48	15.67	-0.19
Florida	25.63	23.23	2.40
Georgia	15.91	13.35	2.56
Idaho	17.15	15.91	1.24
Illinois	17.20	16.60	0.60
Indiana	17.15	17.09	0.06
Iowa	21.07	20.38	0.69
Kansas	21.15	18.24	2.91
Kentucky	21.32	17.16	4.16
Louisiana	15.87	16.32	-0.45
Maine	19.20	19.19	0.01
Maryland	16.26	15.50	0.76
Massachusetts	16.43	17.93	-1.50
Michigan	19.42	16.83	2.59
Minnesota	18.20	16.61	1.59
Mississippi	20.94	17.08	3.86
Missouri	21.16	18.51	2.65
Montana	17.98	18.46	-0.48
Nebraska	19.07	18.75	0.32
Nevada	17.41	15.32	2.09
New Hampshire	16.80	16.29	0.51
New Jersey	19.48	17.89	1.59
New Mexico	20.12	16.69	3.43
New York	17.67	17.44	0.23
North Carolina	19.12	16.43	2.69
North Dakota	18.56	20.01	-1.45
Ohio	18.55	18.25	0.30
Oklahoma	21.97	18.33	3.64
Oregon	18.20	17.13	1.07
Pennsylvania	20.25	20.71	-0.46
Rhode Island	17.03	18.96	-1.93
South Carolina	18.27	16.76	1.51
South Dakota	23.21	19.89	3.32
Tennessee	20.54	16.94	3.60
Texas	14.05	14.12	-0.07
Utah	13.71	12.44	1.27
Vermont	19.17	17.13	2.04
Virginia	15.37	15.27	0.10
Washington	16.66	15.35	1.31
West Virginia	20.37	20.47	-0.10
Wisconsin	17.02	17.86	-0.84
Wyoming	17.47	16.31	1.16
Puerto Rico	20.35	16.39	3.96
Virgin Islands	10.64	14.79	-4.15

Table 14. Percentage of Adults Aged 65+ in BRFSS and Population Data by State, 2004

State	BRFSS Percent	Population Percent	Difference
Median	18.39	17.11	1.12
Mean	18.22	17.09	1.13
Standard Deviation	2.92	2.30	1.69
Range	16.28	14.43	8.31

Table 15. Percentage of Respondents with Income Response "Unknown" (77), "Refused" (99), and Combined, by State, 2004

State	Percent Don't Know/ Not Sure	Percent Refused	Percent Combined
Alabama	6.46	6.06	12.52
Alaska	5.48	5.16	10.64
Arizona	6.30	8.16	14.46
Arkansas	5.76	5.89	11.65
California	3.09	5.74	8.83
Colorado	5.21	6.44	11.65
Connecticut	5.99	9.41	15.40
Delaware	7.40	16.32	23.72
District of Columbia	4.55	6.61	11.16
Florida	6.40	9.24	15.64
Georgia	7.87	6.44	14.31
Idaho	5.18	5.73	10.91
Illinois	6.16	6.61	12.77
Indiana	6.14	6.86	13.00
Iowa	5.08	6.07	11.15
Kansas	7.16	8.29	15.45
Kentucky	9.18	11.49	20.67
Louisiana	7.52	7.61	15.13
Maine	4.55	5.15	9.70
Maryland	4.72	7.91	12.63
Massachusetts	4.90	7.63	12.53
Michigan	6.92	6.72	13.64
Minnesota	6.92	5.19	12.11
Mississippi	10.01	5.21	15.22
Missouri	5.03	6.77	11.80
Montana	4.93	6.02	10.95
Nebraska	5.96	6.41	12.37
Nevada	6.06	6.17	12.23
New Hampshire	4.83	7.38	12.21
New Jersey	5.34	9.35	14.69
New Mexico	5.88	5.35	11.23
New York	6.34	7.04	13.38
North Carolina	6.79	14.31	21.10
North Dakota	4.61	7.33	11.94
Ohio	5.89	8.02	13.91
Oklahoma	6.59	6.12	12.71
Oregon	5.64	6.02	11.66
Pennsylvania	5.71	8.01	13.72
Rhode Island	5.10	8.08	13.18
South Carolina	5.93	7.07	13.00
South Dakota	5.32	4.98	10.30
Tennessee	6.79	12.01	18.80
Texas	7.77	6.25	14.02
Utah	5.64	4.56	10.20
Vermont	5.18	5.91	11.09
Virginia	6.61	6.31	12.92

Table 15. Percentage of Respondents with Income Response "Unknown" (77), "Refused" (99), and Combined, by State, 2004

State	Percent Don't Know/ Not Sure	Percent Refused	Percent Combined
Washington	5.63	7.78	13.41
West Virginia	8.05	3.22	11.27
Wisconsin	4.21	8.13	12.34
Wyoming	4.43	5.87	10.30
Puerto Rico	13.89	1.99	15.88
Virgin Islands	10.68	3.92	14.60
Median	5.91	6.53	12.67
Mean	6.23	7.04	13.27
Standard Deviation	1.76	2.41	2.81
Range	10.80	14.33	14.89