



2006-2008

Behavioral Risk Factor Surveillance System

Asthma Call-Back Survey

Summary Data Quality Report



**National
Asthma
Control
Program**

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NCEH and OSELs greatly appreciate the efforts of the BRFSS staff in each ACBS participating state.

Paul Garbe, DVM, MPH
Chief, Air Pollution and Respiratory Health Branch
Division of Environmental Hazards and Health Effects
National Center for Environmental Health, CDC
MS F-58
4770 Buford Highway
Atlanta GA 30341
770-488-3700

Lina S. Balluz, Sc.D.
Branch Chief
Behavioral Risk Factor Surveillance System
Division of Behavioral Surveillance
Public Health Surveillance Program Office (PHSPO)
Office of Surveillance, Epidemiology and Laboratory Services (OSELs)
Centers for Disease Control and Prevention

2006-2008 Asthma Call-Back Survey (ACBS) Summary Data Quality Report

Introduction

Procedures for interview disposition and response rates for the BRFSS Asthma Call-Back Survey (ACBS) follow usual BRFSS procedures; however, some additions and adaptations are required for the call-back survey. Disposition codes, disposition code categories, and response rates are discussed in the sections below. Figure one is a flow chart describing the eligibility paths BRFSS respondents with asthma follow through the ACBS process.

Because asthma characteristics vary by season, a seasonal analysis must take into account any state for which interviewing was not conducted throughout the year. States may have interrupted interviewing due to contract interruptions with their data collection company. In addition, some ACBS interviews are finalized in the first few months of the next calendar year.

Appendix A includes tables showing disposition code categories, response rates and interviews by month for each state participating in the ACBS each year. Appendix B includes formulae for the BRFSS response rates for comparison with formulae for the ACBS rates. More detail on BRFSS response rates and procedures can be found in the BRFSS Data Quality Report Handbook and the BRFSS Summary Data Quality Report for each survey year. Appendix C includes additional instruction on assigning the ACBS specific disposition codes.

Disposition Codes

The usual BRFSS disposition codes are used for the ACBS. However, a few additional codes are needed to account for situations specific to a call-back survey. In the list below, disposition codes added for the ACBS are underlined and bolded. Detailed descriptions of the ACBS codes can be found in Appendix C.

The ACBS disposition codes are:

I. Eligible, contacted: complete interview

- 110 Complete
- 120 Partial complete

II. Eligible, contacted: refusal or termination

- 413** Refused to participate in the call-back during the BRFSS interview
- 210** Terminated within the questionnaire during the ACBS interview
- 211** Refused to allow combining ACBS responses with BRFSS responses
- 212** Refused to answer the "ever had asthma" question during the ACBS interview
- 220** Refused to begin the ACBS interview after contacted

III. Eligible, lost to follow-up because unable to contact or communicate with the BRFSS respondent

- 230 Selected respondent never reached or reached but did not begin interview during interviewing period
- 240 Selected respondent away from residence during the entire interviewing period
- 250 Language problem after respondent selection
- 260 Selected respondent physically or mentally unable to complete an interview during the entire interviewing period
- 270 Hang up or termination before respondent selection
- 280 Household contact after number of adults recorded but before respondent selection
- 305 Household members away from residence during entire interviewing period
- 306** Selected ACBS respondent no longer living in the BRFSS household
- 310 Hang-up or termination, known household
- 315 Household contact, eligibility undetermined
- 320 Language problem
- 325 Physical or mental impairment
- 330 Hang-up or termination, unknown if private residence
- 332 Contact, unknown if private residence
- 335 Telephone answering device, message confirming private residential status
- 345 Telephone answering device, unknown if private residence
- 360 No answer
- 365 Busy
- 505 Refusal: hang-up or termination
- 510 Appointment
- 515 Language problem
- 520 Physical or mental impairment
- 525 Answering machine, message confirming residential status
- 535 Answering machine, unknown if private residence
- 550 No answer
- 555 Busy

IV. Eligible, lost to follow-up for technical reasons

- 340 Telecommunication technological barrier, message confirming private residential status
- 350 Telecommunication technological barrier, unknown if private residence
- 355 Telephone number no longer in service or changed
- 370 On never call list

420	Not a private residence
430	Dedicated fax/data/modem line with no human contact
435	Cellular telephone
440	Fast busy
450	Non-working/disconnected number
530	Technological barrier other than answering machine, message confirming residential status
540	Technological barrier other than answering machine, unknown if private residence
545	Phone number temporarily out of service
575	Circuit busy
560	Fax/data/modem
565	Fast busy
570	Possible non-working number
580	Null attempt
585	Requires supervisor attention
599	Missing disposition code

V. Ineligible

<u>291</u>	No parent or legal guardian in the household (child ineligible)
405	Out-of-state
<u>410</u>	Household, no eligible respondent (respondent does not have asthma)
<u>411</u>	Selected respondent not eligible for follow-up
<u>412</u>	Transferred from BRFSS but not attempted (excluded by state)
<u>470</u>	Misdiagnosed asthma in respondent (2008 and later)
<u>480</u>	Not recruited for call-back at BRFSS interview (excluded by state)
<u>490</u>	Random child/adult selection: adult ineligible, child selected
<u>491</u>	Random child/adult selection: child ineligible, adult selected

Definitions and Labels for Disposition Code Categories

Because the ACBS is a call-back interview, all those identified with asthma at the BRFSS interview are, with a few notable exceptions, eligible for the call-back survey. The ACBS eligibility flow chart (Figure 1) summarizes how BRFSS respondents are categorized for ACBS response rate calculation.

ACBS interviews are considered complete (COIN) if the respondents finish the entire interview or if they complete through section 8 of the ACBS interview. ACBS interviews are refusals if the respondent refuses participation at either the BRFSS interview or at the time of the ACBS interview. Terminations are interviews that start but are terminated during the interview.

The disposition codes that relate to contact problems or technology issues are considered “eligible, but lost to follow-up.” If they had been contacted, a small proportion of those eligible but lost to follow-up might actually be ineligible. All temporary disposition codes (numbered 500 or higher) that should have been resolved but were not are treated as comparable 400 level codes.

BRFSS respondents with asthma who are considered ineligible for the ACBS include those who are not asked to participate at the time of the BRFSS interview. Each year between 6% and 10% of those technically eligible are not asked to participate in the call-back survey. Respondents might not be asked for several reasons:

- States with split samples may only include respondents in the call-back if they are in specified splits of the BRFSS sample. Counts for states that exclude split-sample respondents are excluded from the following tables and rate calculations.
- The BRFSS respondent may partially complete the BRFSS interview but terminate before the call-back request.
- Specific state BRFSS call-back contracts may limit the number of call-back interviews due to budgetary constraints.
- States may stop conducting call-back interviews during contract negotiations.

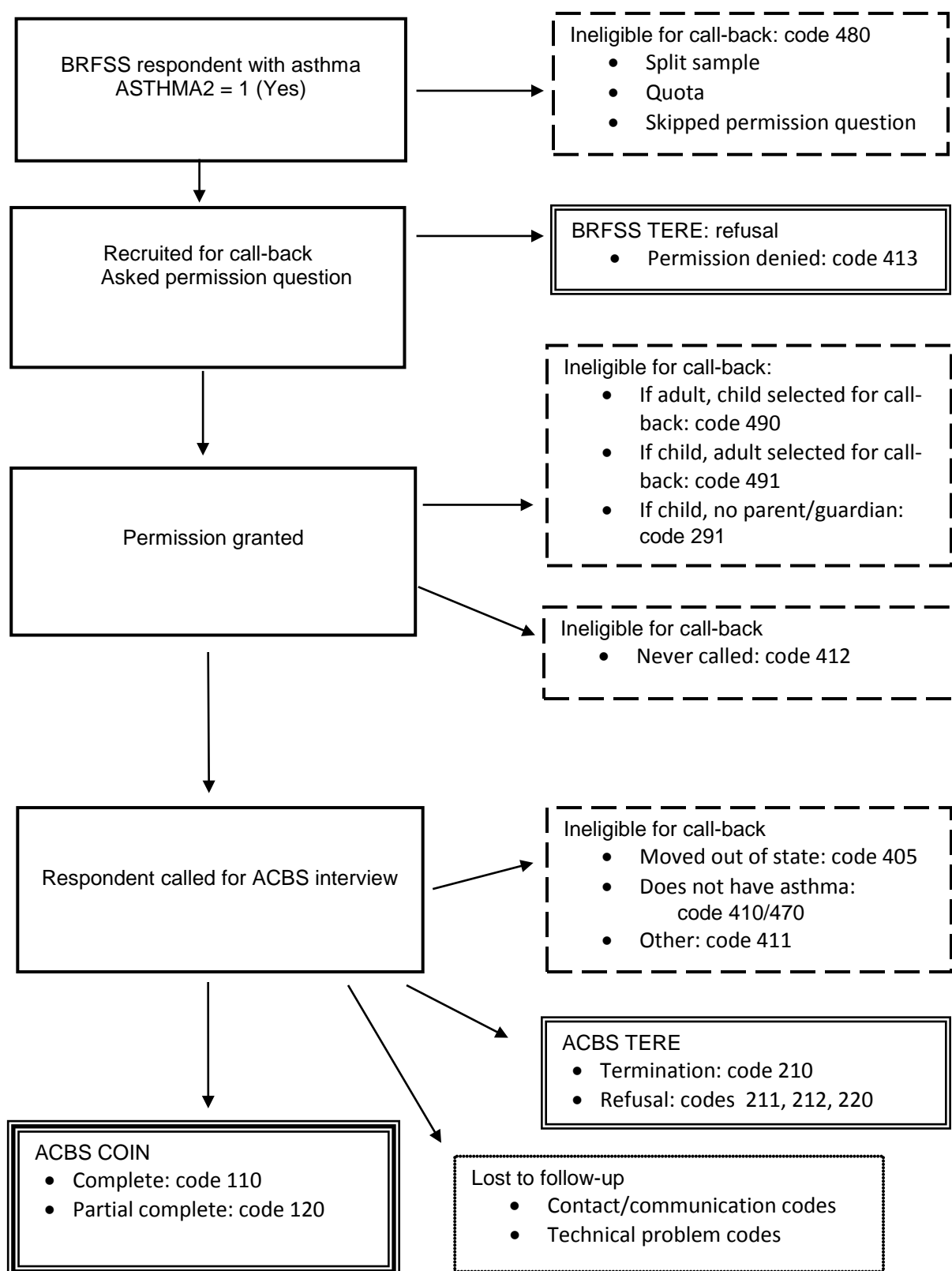
BRFSS respondents with asthma who are asked to participate in the ACBS but are later classified as ineligible include:

- respondents in households where both the selected adult and selected child in the household have asthma. When both have asthma, only one is eligible for the ACBS.
- respondents who move out-of-state between the BRFSS interview and the ACBS interview
- respondents who indicate, at the time of the ACBS interview, that the reported diagnosis of asthma was an error
- child respondents for whom the adult BRFSS respondent is not the child's parent or guardian
- states that have reached a pre-specified quota for interviews

The following table indicates how disposition codes are grouped into response rate categories shown in the eligibility flow chart (Figure 1):

Category	Disposition Codes	Notes
Eligible COIN Completed interview	110, 120	Through section 8
Eligible TERE Terminations and refusals	<u>413</u>	At BRFSS interview
Eligible TERE Terminations and refusals	210, <u>211</u> , <u>212</u> , 220	At ACBS
Eligible, lost to follow-up Not interviewed	230, 240, 250, 260, 270, 280, 305, <u>306</u> , 310, 315, 320, 325, 330, 332, 335, 345, 360, 365, 505, 510, 515, 520, 525, 535, 550, 555	Unable to contact or communicate with eligible respondent
Eligible, lost to follow-up Not interviewed	340, 350, 355, 370, 420, 430, 435, 440, 450, 530, 540, 545, 560, 565, 570, 575, 580, 585, 599	Technical problems
Ineligible	<u>291</u> , <u>480</u> , <u>490</u> , <u>491</u>	At BRFSS interview
Ineligible	405, <u>410</u> , <u>411</u> , <u>470</u>	At ACBS
Ineligible	<u>412</u>	No ACBS attempt

Figure 1: ACBS Eligibility Flow Chart:



ACBS Response Rates

The ACBS Interview Completion Rate is the proportion of completed interviews among eligible respondents who are actually contacted for and started the ACBS interview. Those who refuse at the initial BRFSS interview (413), those ineligible, and those never contacted are excluded from the denominator. This rate is based on actual contacts with the eligible respondent at the time of the call-back interview. The numerator of the rate includes completed interviews (COIN). The denominator of the rate includes completed interviews (COIN) plus the number contacted later for the ACBS interview who refuse or terminate the interview (disposition codes 210, 211, 212, and 220).

The ACBS Cooperation Rate is the proportion of completed interviews among all eligible respondents who are recruited and actually contacted for the ACBS interview. Eligible respondents who refuse the call-back at the time of the BRFSS interview are included. Non-contacts are excluded from the denominator, but contacts with communication problems specific to the respondent with asthma are included. The numerator of the rate includes completed interviews (COIN). The denominator of the rate includes completed interviews (COIN) plus refusals and terminations (TERE) plus the number of non-interviews that involved language problems with the respondent with asthma (250) or physical/mental impairment of the respondent with asthma (260). A Cooperation Rate below 65 percent may indicate some problem with interviewing techniques.

The Refusal Rate is the percentage of all eligible respondents that refuse to be interviewed or terminate an interview early in the questionnaire. The numerator includes terminations and refusals (TERE). The denominator is the same as for the CASRO rate (below). The denominator includes completed interviews (COIN), terminations and refusals (TERE), and a proportion of those eligible but lost to follow-up. The proportion represents an estimate of the number of those lost to follow-up who would be expected to remain eligible if they had been contacted. The proportion of cases lost to follow-up that are estimated to be eligible is the same as the proportion of cases not lost to follow-up that are eligible. A Refusal Rate above 35 percent indicates some problem with interviewing techniques.

The Council of American Survey Research Organizations (CASRO) rate is a measure of respondent cooperation and is generally defined as the proportion of all eligible respondents in the sample for whom an interview has been completed. The numerator of the CASRO rate includes completed interviews (COIN). The denominator includes completed interviews (COIN), terminations and refusals (TERE), and a proportion of those eligible, but lost to follow-up. The proportion represents an estimate of the number of those lost to follow-up who would be expected to remain eligible if they had been contacted. The proportion of cases lost to follow-up that are estimated to be eligible is the same as the proportion of cases not lost to follow-up that are eligible. A CASRO rate below 40% should be cause for a review of data collection practices that could impact it, especially sample management and interviewer recruitment, retention, training, supervision, and monitoring.

Response rate formulae for the ACBS are specified below. Response rate tables for the ACBS, including response rates for each state participating in the ACBS, can be found in Appendix A. Response rate formulae for the BRFSS can be found in Appendix B.

Response Rate Formulae for the ACBS

ACBS Interview Completion Rate:

$$\frac{110 + 120}{110 + 120 + 210 + \underline{211} + \underline{212} + 220}$$

ACBS Cooperation Rate:

$$\frac{110 + 120}{110 + 120 + 210 + \underline{211} + \underline{212} + 220 + \underline{413} + 250 + 260}$$

ACBS CASRO Rate:

$$\frac{110 + 120}{[110 + 120 + 210 + \underline{211} + \underline{212} + 220 + \underline{413}] + P * [\text{Eligible lost}]}$$

ACBS Refusal Rate:

$$\frac{210 + \underline{211} + \underline{212} + 220 + \underline{413}}{[110 + 120 + 210 + \underline{211} + \underline{212} + 220 + \underline{413}] + P * [\text{Eligible lost}]}$$

Where:

P (Proportion) = (COIN + ACBS TERE) / (COIN + ACBS TERE + ACBS Ineligible)

P = [(110+120) + (210+211+212+220)] / [(110+120) + (210+211+212+220) + (405+410+411+470)]

Eligible lost = 230, 240, 250, 260, 270, 280, 305, 306, 310, 315, 320, 325, 330, 332, 335, 345, 360, 365, 370, 505, 510, 515, 520, 525, 535, 550, 555, 340, 350, 355, 370, 420, 430, 435, 440, 450, 530, 540, 545, 560, 565, 570, 575, 580, 585, 599

Appendix A:

List of Tables in the 2007 BRFSS ACBS Summary Data Quality Report

Table 1.1 2006 ACBS Disposition Categories by State: Adults

Table 1.2 2006 ACBS Disposition Categories by State: Children

Table 1.3 2007 ACBS Disposition Categories by State: Adults

Table 1.4 2007 ACBS Disposition Categories by State: Children

Table 1.5 2008 ACBS Disposition Categories by State: Adults

Table 1.6 2008 ACBS Disposition Categories by State: Children

Table 2.1 2006 ACBS Response Rates by State: Adults

Table 2.2 2006 ACBS Response Rates by State: Children

Table 2.3 2007 ACBS Response Rates by State: Adults

Table 2.4 2007 ACBS Response Rates by State: Children

Table 2.5 2008 ACBS Response Rates by State: Adults

Table 2.6 2008 ACBS Response Rates by State: Children

Table 3.1 2006 ACBS Completed Interviews by State and Month: Adults

Table 3.2 2006 ACBS Completed Interviews by State and Month: Children

Table 3.3 2007 ACBS Completed Interviews by State and Month: Adults

Table 3.4 2007 ACBS Completed Interviews by State and Month: Children

Table 3.5 2008 ACBS Completed Interviews by State and Month: Adults

Table 3.6 2008 ACBS Completed Interviews by State and Month: Children

Table 1.1 ACBS 2006 Disposition Categories by State: Adults

STATE	BRFSS asthma respondent	Ineligible		Recruited for call-back				Ineligible		Total called	Eligible				Ineligible
				Refused BRFSS TERE		Agreed		Child selected	Never called		COIN	ACBS TERE	Lost to follow-up		
		Not recruited	Contact	Technical											
ALASKA	522	11	2.1%	125	23.9%	386	73.9%	15	116	255	177	19	49	9	1
ARIZONA	674	70	10.4%	181	26.9%	423	62.8%	25	3	395	230	56	80	20	9
CALIFORNIA	791	101	12.8%	203	25.7%	487	61.6%	18	3	466	353	24	69	10	10
COLORADO*	708	26	3.7%	182	25.7%	500	70.6%	0	2	498	382	55	53	7	1
CONNECTICUT	1,172	188	16.0%	132	11.3%	852	72.7%	29	29	794	455	85	189	52	13
DISTRICT OF COLUMBIA	580	30	5.2%	142	24.5%	408	70.3%	9	0	399	197	30	143	24	5
GEORGIA	985	53	5.4%	262	26.6%	670	68.0%	32	1	637	377	68	147	32	13
HAWAII	962	49	5.1%	253	26.3%	660	68.6%	38	95	527	392	0	133	1	1
INDIANA	833	23	2.8%	180	21.6%	630	75.6%	30	0	600	439	37	108	8	8
IOWA	539	27	5.0%	118	21.9%	394	73.1%	13	1	380	273	45	53	6	3
KANSAS	961	16	1.7%	186	19.4%	759	79.0%	50	53	656	514	53	78	7	4
MAINE	577	41	7.1%	161	27.9%	375	65.0%	14	0	361	243	36	68	9	5
MARYLAND	1,086	0	0.0%	134	12.3%	952	87.7%	41	183	728	434	77	172	36	9
MASSACHUSETTS	1,953	1053	53.9%	128	6.6%	772	39.5%	0	46	726	378	107	209	23	9
MICHIGAN	779	22	2.8%	212	27.2%	545	70.0%	14	3	528	422	25	68	6	7
MISSOURI	711	46	6.5%	151	21.2%	514	72.3%	34	0	480	362	15	80	13	10
MONTANA	761	35	4.6%	178	23.4%	548	72.0%	15	4	529	299	68	123	29	10
NEBRASKA	852	259	30.4%	133	15.6%	460	54.0%	23	29	408	300	31	60	10	7
NEW HAMPSHIRE	863	59	6.8%	239	27.7%	565	65.5%	25	0	540	328	55	138	14	5
NEW YORK	755	31	4.1%	183	24.2%	541	71.7%	29	3	509	365	50	83	7	4
OREGON	731	26	3.6%	61	8.3%	644	88.1%	39	8	597	457	17	60	53	10
TEXAS	856	45	5.3%	234	27.3%	577	67.4%	24	1	552	332	71	114	33	2
VERMONT	937	15	1.6%	171	18.2%	751	80.1%	32	2	717	582	34	91	2	8
WASHINGTON*	3,463	103	3.0%	344	9.9%	3,016	87.1%	0	92	2,924	2,219	88	349	211	57
WISCONSIN	604	78	12.9%	139	23.0%	387	64.1%	15	0	372	291	14	52	10	5
25 STATE TOTAL	23,655	2,407	10.2%	4,432	18.7%	16,816	71.1%	564	674	15,578	10,801	1,160	2,769	632	216

NOTES

* Colorado did not include children.

* Washington did not include children.

Table 1.2 ACBS 2006 Disposition Categories by State: Children

STATE	BRFSS asthma respondent	Ineligible Not recruited		Recruited for call-back				Ineligible		Total called	Eligible				Ineligible
				Refused BRFSS TERE		Agreed		Adult selected	Never called		COIN	ACBS TERE	Lost to follow-up		
													Contact	Technical	
ALASKA	153	0	0.0%	30	19.6%	123	80.4%	15	39	69	49	6	7	7	0
ARIZONA	179	14	7.8%	36	20.1%	129	72.1%	19	2	108	51	18	33	4	2
CALIFORNIA	231	12	5.2%	51	22.1%	168	72.7%	31	3	134	92	12	25	0	5
CONNECTICUT	385	48	12.5%	30	7.8%	307	79.7%	36	0	271	148	32	44	38	9
DISTRICT OF COLUMBIA	153	64	41.8%	16	10.5%	73	47.7%	27	0	46	25	7	11	2	1
GEORGIA	356	3	0.8%	68	19.1%	285	80.1%	34	0	251	128	36	58	26	3
HAWAII	428	12	2.8%	99	23.1%	317	74.1%	43	55	219	141	0	75	2	1
INDIANA	260	30	11.5%	27	10.4%	203	78.1%	35	0	168	106	8	49	1	4
IOWA	147	1	0.7%	29	19.7%	117	79.6%	20	6	91	67	3	14	4	3
KANSAS	315	19	6.0%	43	13.7%	253	80.3%	31	5	217	165	7	36	3	6
MAINE	157	6	3.8%	36	22.9%	115	73.2%	20	0	95	63	12	15	2	3
MARYLAND	364	0	0.0%	39	10.7%	325	89.3%	31	51	243	142	24	63	10	4
MASSACHUSETTS	276	10	3.6%	49	17.8%	217	78.6%	32	2	183	109	23	36	9	6
MICHIGAN	205	5	2.4%	48	23.4%	152	74.1%	29	8	115	89	6	17	0	3
MISSOURI	222	8	3.6%	40	18.0%	174	78.4%	17	1	156	97	8	46	3	2
MONTANA	165	0	0.0%	36	21.8%	129	78.2%	21	0	108	60	17	29	1	1
NEBRASKA	238	1	0.4%	19	8.0%	218	91.6%	19	31	168	109	15	28	9	7
NEW HAMPSHIRE	235	14	6.0%	65	27.7%	156	66.4%	22	0	134	72	24	34	3	1
NEW YORK	246	13	5.3%	39	15.9%	194	78.9%	34	1	159	102	10	45	1	1
OREGON	162	3	1.9%	12	7.4%	147	90.7%	8	7	132	84	11	20	15	2
TEXAS	309	6	1.9%	82	26.5%	221	71.5%	24	0	197	107	27	43	17	3
VERMONT	251	18	7.2%	37	14.7%	196	78.1%	41	1	154	124	8	19	1	2
WISCONSIN	169	26	15.4%	30	17.8%	113	66.9%	15	0	98	77	3	14	2	2
23 STATE TOTAL	5,606	313	5.6%	961	17.1%	4,332	77.3%	604	212	3,516	2,207	317	761	160	71

Table 1.3 ACBS 2007 Disposition Categories by State: Adults

STATE	BRFSS asthma respondent	Ineligible Not recruited		Recruited for call-back				Ineligible		Total called	Eligible				Ineligible
				Refused BRFSS TERE		Agreed		Child selected	Never called		COIN	ACBS TERE	Lost to follow-up		
													Contact	Technical	
ALASKA	340	22	6.5%	68	20.0%	250	73.5%	14	6	230	160	18	44	6	2
ARIZONA	664	42	6.3%	193	29.1%	429	64.6%	15	0	414	219	90	84	16	5
CALIFORNIA	787	84	10.7%	127	16.1%	576	73.2%	28	106	442	286	48	87	11	10
COLORADO*	1,114	86	7.7%	340	30.5%	688	61.8%	0	33	655	386	94	147	8	20
CONNECTICUT	996	39	3.9%	212	21.3%	745	74.8%	34	16	695	389	117	133	48	8
DISTRICT OF COLUMBIA	590	62	10.5%	147	24.9%	381	64.6%	20	0	361	189	78	76	13	5
FLORIDA*	2,210	155	7.0%	439	19.9%	1,616	73.1%	0	0	1,616	904	4	591	78	39
GEORGIA	1,014	49	4.8%	220	21.7%	745	73.5%	37	30	678	389	110	129	42	8
HAWAII	913	39	4.3%	219	24.0%	655	71.7%	37	7	611	494	21	79	9	8
ILLINOIS	612	97	15.8%	109	17.8%	406	66.3%	7	6	393	280	18	80	5	10
INDIANA	791	52	6.6%	165	20.9%	574	72.6%	14	10	550	391	43	103	6	7
IOWA	558	40	7.2%	110	19.7%	408	73.1%	12	0	396	291	36	49	8	12
KANSAS	923	22	2.4%	168	18.2%	733	79.4%	32	9	692	545	28	114	5	0
MAINE	950	76	8.0%	166	17.5%	708	74.5%	26	70	612	472	51	81	5	3
MARYLAND	1,157	61	5.3%	243	21.0%	853	73.7%	41	0	812	446	125	186	38	17
MASSACHUSETTS*	777	81	10.4%	189	24.3%	507	65.3%	25	1	481	246	105	109	13	8
MICHIGAN	1,023	57	5.6%	239	23.4%	727	71.1%	27	0	700	551	44	92	3	10
MISSOURI	651	48	7.4%	142	21.8%	461	70.8%	21	0	440	313	35	83	4	5
MONTANA	773	37	4.8%	162	21.0%	574	74.3%	22	5	547	326	87	128	30	9
NEBRASKA	1,095	66	6.0%	212	19.4%	817	74.6%	24	6	787	572	52	60	11	24
NEVADA*	541	14	2.6%	110	20.3%	417	77.1%	0	0	417	311	35	117	7	4
NEW HAMPSHIRE	860	61	7.1%	202	23.5%	597	69.4%	20	0	577	325	102	95	26	7
NEW MEXICO	875	54	6.2%	208	23.8%	613	70.1%	22	54	537	379	65	85	6	2
NEW YORK	872	67	7.7%	210	24.1%	595	68.2%	19	22	554	385	56	101	7	5
OHIO*	1,402	368	26.2%	143	10.2%	891	63.6%	40	1	850	561	125	127	28	9
OKLAHOMA	964	57	5.9%	246	25.5%	661	68.6%	25	7	629	390	63	131	34	11
OREGON	769	19	2.5%	68	8.8%	682	88.7%	54	9	619	488	15	67	40	9
PENNSYLVANIA*	744	92	12.4%	163	21.9%	489	65.7%	27	42	420	307	35	69	6	3
TEXAS*	1,083	109	10.1%	245	22.6%	729	67.3%	37	13	679	395	79	160	38	7
UTAH	656	23	3.5%	158	24.1%	475	72.4%	29	2	444	338	28	58	16	4
VERMONT	927	21	2.3%	182	19.6%	724	78.1%	27	18	679	530	42	99	5	3
WASHINGTON*	3,811	112	2.9%	435	11.4%	3,264	85.6%	0	92	3,172	2,346	118	385	270	53
WEST VIRGINIA	552	10	1.8%	79	14.3%	463	83.9%	10	1	452	326	48	64	9	5
WISCONSIN*	669	84	12.6%	122	18.2%	463	69.2%	15	0	448	315	26	88	15	4
34 STATE TOTAL	32,663	2,306	7.1%	6,441	19.7%	23,916	73.2%	761	566	22,589	15,245	2,041	4,101	866	336

NOTES

* Colorado included respondents on both sides of their sample split, but did not include respondents if there was a child <14 in the household. Colorado did not include children.

* Florida had a very large BRFSS sample. A random sample of BRFSS respondents was included in the call-back. The counts have been reduced by the sampling fraction. Florida did not include children.

* Massachusetts only included respondents in version 2 of the sample split.

* Nevada did not include children.

* Ohio did not conduct interviews every month due to contracting issues.

* Pennsylvania only included respondents from geostratum 1.

* Texas only included respondents in version 1 of the sample split.

* Washington did not include children.

* Wisconsin only included respondents in version 1 of the sample split.

Table 1.4 ACBS 2007 Disposition Categories by State: Children

STATE	BRFSS asthma respondent	Ineligible		Recruited for call-back				Ineligible		Total called	Eligible				Ineligible
				Refused BRFSS TERE		Agreed		Adult selected ¹	Never called		COIN	ACBS TERE	Lost to follow-up		
						Contact	Technical								
ALASKA	91	10	11.0%	12	13.2%	69	75.8%	13	1	55	39	5	9	1	1
ARIZONA	166	7	4.2%	35	21.1%	124	74.7%	18	0	106	52	20	23	6	5
CALIFORNIA	256	7	2.7%	36	14.1%	213	83.2%	31	49	133	81	14	37	1	0
CONNECTICUT	316	0	0.0%	48	15.2%	268	84.8%	45	8	215	119	30	44	21	1
DISTRICT OF COLUMBIA	127	4	3.1%	17	13.4%	106	83.5%	18	1	87	44	22	16	2	3
GEORGIA	353	6	1.7%	62	17.6%	285	80.7%	36	1	248	150	36	43	14	5
HAWAII	419	46	11.0%	74	17.7%	299	71.4%	54	3	242	191	9	37	2	3
ILLINOIS	179	42	23.5%	27	15.1%	110	61.5%	24	5	81	46	5	28	0	2
INDIANA	221	27	12.2%	40	18.1%	154	69.7%	27	4	123	82	8	28	0	5
IOWA	154	6	3.9%	28	18.2%	120	77.9%	12	0	108	86	6	14	1	1
KANSAS	294	17	5.8%	38	12.9%	239	81.3%	40	6	193	127	11	55	0	0
MAINE	234	19	8.1%	32	13.7%	183	78.2%	24	9	150	115	10	22	1	2
MARYLAND	354	7	2.0%	63	17.8%	284	80.2%	47	0	237	118	42	61	12	4
MASSACHUSETTS*	208	8	3.8%	40	19.2%	160	76.9%	28	0	132	60	28	33	11	0
MICHIGAN	295	21	7.1%	61	20.7%	213	72.2%	33	0	180	129	10	29	6	6
MISSISSIPPI*	322	53	16.5%	36	11.2%	233	72.4%	0	44	189	112	6	52	16	3
MISSOURI	216	26	12.0%	36	16.7%	154	71.3%	22	4	128	80	9	31	6	2
MONTANA	171	1	0.6%	28	16.4%	142	83.0%	23	1	118	73	23	15	3	4
NEBRASKA	310	25	8.1%	49	15.8%	236	76.1%	32	21	183	133	10	31	4	5
NEW HAMPSHIRE	190	5	2.6%	40	21.1%	145	76.3%	29	0	116	70	17	20	5	4
NEW MEXICO	266	22	8.3%	58	21.8%	186	69.9%	23	11	152	93	25	33	1	0
NEW YORK	260	0	0.0%	60	23.1%	200	76.9%	30	14	156	100	18	37	1	0
OHIO*	429	101	23.5%	35	8.2%	293	68.3%	49	0	244	141	37	41	21	4
OKLAHOMA	337	34	10.1%	50	14.8%	253	75.1%	51	22	180	109	18	36	13	4
OREGON	160	2	1.3%	9	5.6%	149	93.1%	0	9	140	81	16	17	24	2
PENNSYLVANIA*	230	31	13.5%	35	15.2%	164	71.3%	25	14	125	86	12	21	4	2
TEXAS*	373	27	7.2%	80	21.4%	266	71.3%	42	1	223	127	24	49	19	4
UTAH	256	17	6.6%	50	19.5%	189	73.8%	21	0	168	117	15	28	8	0
VERMONT	236	8	3.4%	40	16.9%	188	79.7%	29	6	153	120	4	27	1	1
WEST VIRGINIA	159	13	8.2%	16	10.1%	130	81.8%	24	0	106	86	8	11	0	1
WISCONSIN*	185	33	17.8%	25	13.5%	127	68.6%	36	1	90	63	5	22	0	0
31 STATE TOTAL	7,767	625	8.0%	1,260	16.2%	5,882	75.7%	886	235	4,761	3,030	503	950	204	74

¹ Includes child without parent/guardian

NOTES

* Massachusetts only included respondents in version 2 of the sample split.

* Mississippi did not include adults.

* Ohio did not conduct interviews every month due to contracting issues.

* Pennsylvania only included respondents from geostratum 1.

* Texas only included respondents in version 1 of the sample split.

* Wisconsin only included respondents in version 1 of the sample split.

Table 1.5 ACBS 2008 Disposition Categories by State: Adults

STATE	BRFSS asthma respondent	Ineligible Not recruited		Recruited for call-back				Ineligible		Total called	Eligible				Ineligible
				Refused BRFSS TERE		Agreed		Child selected	Never called		COIN	ACBS TERE	Lost to follow-up		
													Contact	Technical	
ARIZONA	846	73	8.6%	212	25.1%	561	66.3%	16	176	369	201	79	56	27	6
CALIFORNIA	1,741	202	11.6%	580	33.3%	959	55.1%	28	12	919	600	155	118	11	35
CONNECTICUT	815	30	3.7%	161	19.8%	624	76.6%	32	0	592	358	71	128	32	3
DISTRICT OF COLUMBIA	655	38	5.8%	148	22.6%	469	71.6%	18	0	451	241	79	108	19	4
FLORIDA*	1,295	134	10.3%	252	19.5%	909	70.2%	0	24	885	458	48	330	47	2
GEORGIA	714	37	5.2%	137	19.2%	540	75.6%	26	2	512	274	27	174	37	0
HAWAII	946	83	8.8%	246	26.0%	617	65.2%	31	2	584	476	5	95	6	2
ILLINOIS	641	12	1.9%	161	25.1%	468	73.0%	11	7	450	316	13	109	10	2
INDIANA	679	26	3.8%	176	25.9%	477	70.3%	18	1	458	325	36	89	4	4
IOWA	627	25	4.0%	146	23.3%	456	72.7%	14	1	441	330	26	65	9	11
KANSAS	1,014	16	1.6%	206	20.3%	792	78.1%	31	1	760	566	22	160	12	0
MAINE	974	17	1.7%	213	21.9%	744	76.4%	38	5	701	556	49	84	5	7
MARYLAND	1,304	60	4.6%	258	19.8%	986	75.6%	45	0	941	485	132	233	83	8
MASSACHUSETTS*	1,043	87	8.3%	194	18.6%	762	73.1%	46	32	684	419	27	203	35	0
MICHIGAN	1,368	71	5.2%	373	27.3%	924	67.5%	55	5	864	691	39	102	25	7
MISSOURI	694	32	4.6%	175	25.2%	487	70.2%	24	7	456	330	17	91	7	11
MONTANA	924	25	2.7%	192	20.8%	707	76.5%	14	162	531	329	82	91	23	6
NEBRASKA	1,583	67	4.2%	426	26.9%	1,090	68.9%	29	3	1,058	797	51	173	19	18
NEVADA*	630	29	4.6%	167	26.5%	434	68.9%	0	2	432	286	40	92	12	2
NEW HAMPSHIRE	1,007	19	1.9%	211	21.0%	777	77.2%	31	1	745	457	87	140	55	6
NEW JERSEY	1,453	250	17.2%	272	18.7%	931	64.1%	45	5	881	465	53	312	49	2
NEW MEXICO	812	27	3.3%	201	24.8%	584	71.9%	23	9	552	392	24	115	10	11
NEW YORK	1,039	62	6.0%	244	23.5%	733	70.5%	26	3	704	473	78	138	5	10
NORTH DAKOTA	546	15	2.7%	127	23.3%	404	74.0%	8	2	394	283	37	67	2	5
OHIO	1,722	134	7.8%	403	23.4%	1,185	68.8%	35	347	803	475	107	161	48	12
OKLAHOMA	1,059	36	3.4%	304	28.7%	719	67.9%	9	107	603	395	38	127	24	19
OREGON	725	39	5.4%	79	10.9%	607	83.7%	29	5	573	434	22	72	36	9
RHODE ISLAND	964	33	3.4%	216	22.4%	715	74.2%	34	64	617	384	83	119	25	6
TEXAS	1,417	56	4.0%	338	23.9%	1,023	72.2%	51	5	967	583	213	111	39	21
UTAH	680	27	4.0%	144	21.2%	509	74.9%	25	5	479	351	17	85	16	10
VERMONT	984	20	2.0%	187	19.0%	777	79.0%	35	9	733	561	44	116	6	6
VIRGINIA	721	21	2.9%	144	20.0%	556	77.1%	16	0	540	318	102	96	18	6
WASHINGTON*	3,363	806	24.0%	332	9.9%	2,225	66.2%	0	1,242	983	765	21	126	55	16
WEST VIRGINIA	543	1	0.2%	88	16.2%	454	83.6%	15	3	436	321	14	88	5	8
WISCONSIN*	673	59	8.8%	156	23.2%	458	68.1%	22	4	432	312	19	69	25	7
35 STATE TOTAL	36,201	2,669	7.4%	7,869	21.7%	25,663	70.9%	880	2,253	22,530	15,007	1,957	4,443	841	282

NOTES

* Florida did not include children.

* Massachusetts only included respondents in version 1 of the sample split.

* Nevada did not include children.

* Washington did not include children.

* Wisconsin only included respondents in version 1 of the sample split.

Table 1.6 ACBS 2008 Disposition Categories by State: Children

STATE	BRFSS asthma respondent	Ineligible Not recruited		Recruited for call-back				Ineligible		Total called	Eligible				Ineligible
				Refused BRFSS TERE		Agreed		Adult selected ¹	Never called		COIN	ACBS TERE	Lost to follow-up		
						Contact	Technical								
ARIZONA	196	4	2.0%	33	16.8%	159	81.1%	12	47	100	57	23	10	9	1
CALIFORNIA	468	195	41.7%	63	13.5%	210	44.9%	67	3	140	73	28	36	3	0
CONNECTICUT	259	7	2.7%	36	13.9%	216	83.4%	32	0	184	102	28	39	12	3
DISTRICT OF COLUMBIA	146	2	1.4%	23	15.8%	121	82.9%	19	0	102	47	19	26	9	1
GEORGIA	251	3	1.2%	33	13.1%	215	85.7%	29	14	172	88	7	63	13	1
HAWAII	389	68	17.5%	55	14.1%	266	68.4%	72	2	192	149	2	35	4	2
ILLINOIS	195	15	7.7%	29	14.9%	151	77.4%	34	11	106	69	5	29	1	2
INDIANA	195	17	8.7%	35	17.9%	143	73.3%	22	3	118	86	7	22	3	0
IOWA	172	2	1.2%	25	14.5%	145	84.3%	21	0	124	94	5	16	4	5
KANSAS	318	28	8.8%	44	13.8%	246	77.4%	45	1	200	146	4	49	1	0
MAINE	253	20	7.9%	31	12.3%	202	79.8%	41	7	154	117	18	17	1	1
MARYLAND	406	11	2.7%	59	14.5%	336	82.8%	44	0	292	134	40	88	28	2
MASSACHUSETTS*	282	2	0.7%	38	13.5%	242	85.8%	45	10	187	96	6	69	16	0
MICHIGAN	423	8	1.9%	101	23.9%	314	74.2%	66	4	244	185	6	41	7	5
MISSOURI	184	19	10.3%	22	12.0%	143	77.7%	20	2	121	85	3	32	0	1
MONTANA	182	1	0.5%	24	13.2%	157	86.3%	18	37	102	54	18	21	6	3
NEBRASKA	399	27	6.8%	80	20.1%	292	73.2%	40	1	251	178	10	54	4	5
NEW HAMPSHIRE	239	3	1.3%	41	17.2%	195	81.6%	35	0	160	91	27	30	11	1
NEW JERSEY	455	65	14.3%	72	15.8%	318	69.9%	52	1	265	120	11	113	21	0
NEW MEXICO	245	25	10.2%	40	16.3%	180	73.5%	31	1	148	102	2	41	3	0
NEW YORK	306	27	8.8%	38	12.4%	241	78.8%	47	7	187	111	15	56	3	2
NORTH DAKOTA	111	8	7.2%	18	16.2%	85	76.6%	13	3	69	49	4	13	1	2
OHIO*	471	12	2.5%	86	18.3%	373	79.2%	28	107	238	134	42	51	9	2
OKLAHOMA	334	38	11.4%	50	15.0%	246	73.7%	39	35	172	100	13	45	9	5
OREGON	126	2	1.6%	14	11.1%	110	87.3%	2	6	102	68	6	15	11	2
RHODE ISLAND	270	9	3.3%	55	20.4%	206	76.3%	32	24	150	91	15	32	11	1
TEXAS	453	6	1.3%	69	15.2%	378	83.4%	48	1	329	170	94	40	17	8
UTAH	248	28	11.3%	48	19.4%	172	69.4%	23	4	145	105	7	27	3	3
VERMONT	253	15	5.9%	38	15.0%	200	79.1%	27	5	168	124	12	24	3	5
VIRGINIA	210	1	0.5%	41	19.5%	168	80.0%	24	0	144	71	23	41	8	1
WEST VIRGINIA	143	11	7.7%	11	7.7%	121	84.6%	22	2	97	71	5	16	3	2
WISCONSIN*	165	23	13.9%	27	16.4%	115	69.7%	24	3	88	54	3	19	10	2
32 STATE TOTAL	8,747	702	8.0%	1,379	15.8%	6,666	76.2%	1,074	341	5,251	3,221	508	1,210	244	68

¹ Includes child without parent/guardian**NOTES**

* Massachusetts only included respondents in version 1 of the sample split.

* Wisconsin only included respondents in version 1 of the sample split.

Table 2.1 ACBS 2006 Response Rates by State: Adults

STATE	Completion Rate	Cooperation Rate	Refusal Rate	CASRO Rate
ALASKA	90.3%	55.0%	38.0%	46.7%
ARIZONA	80.4%	49.0%	42.0%	40.8%
CALIFORNIA	93.6%	60.8%	34.6%	53.7%
COLORADO	87.4%	61.7%	34.9%	56.3%
CONNECTICUT	84.3%	67.4%	23.9%	50.2%
DISTRICT OF COLUMBIA	86.8%	53.1%	32.3%	37.0%
GEORGIA	84.7%	53.2%	37.5%	42.8%
HAWAII	100.0%	60.8%	32.5%	50.3%
INDIANA	92.2%	66.7%	28.2%	57.0%
IOWA	85.9%	62.5%	33.0%	55.2%
KANSAS	90.7%	68.2%	28.5%	61.4%
MAINE	87.1%	55.1%	38.2%	47.1%
MARYLAND	84.9%	67.3%	24.8%	51.1%
MASSACHUSETTS	77.9%	61.3%	28.0%	45.0%
MICHIGAN	94.4%	63.9%	32.4%	57.7%
MISSOURI	96.0%	68.3%	26.8%	58.5%
MONTANA	81.5%	54.7%	35.5%	43.2%
NEBRASKA	90.6%	64.7%	30.8%	56.3%
NEW HAMPSHIRE	85.6%	52.6%	38.1%	42.5%
NEW YORK	88.0%	60.7%	33.9%	53.1%
OREGON	96.4%	85.3%	12.1%	70.8%
TEXAS	82.4%	51.7%	38.9%	42.4%
VERMONT	94.5%	73.9%	23.3%	66.2%
WASHINGTON	96.2%	83.4%	13.5%	69.4%
WISCONSIN	95.4%	65.5%	30.3%	57.6%
Median	87.4%	61.7%	32.4%	53.1%

Table 2.2 ACBS 2006 Response Rates by State: Children

STATE	Completion Rate	Cooperation Rate	Refusal Rate	CASRO Rate
ALASKA	89.1%	57.7%	36.4%	49.5%
ARIZONA	73.9%	48.6%	38.3%	36.2%
CALIFORNIA	88.5%	59.4%	35.2%	51.4%
CONNECTICUT	82.2%	70.1%	21.5%	51.4%
DISTRICT OF COLUMBIA	78.1%	52.1%	38.0%	41.3%
GEORGIA	78.1%	54.9%	33.1%	40.7%
HAWAII	100.0%	58.8%	31.3%	44.6%
INDIANA	93.0%	74.7%	18.5%	56.0%
IOWA	95.7%	67.7%	27.5%	57.6%
KANSAS	95.9%	76.7%	19.8%	65.3%
MAINE	84.0%	56.8%	37.7%	49.5%
MARYLAND	85.5%	69.3%	22.8%	51.4%
MASSACHUSETTS	82.6%	59.9%	32.1%	48.7%
MICHIGAN	93.7%	62.2%	33.9%	55.8%
MISSOURI	92.4%	66.9%	24.9%	50.2%
MONTANA	77.9%	53.1%	37.2%	42.1%
NEBRASKA	87.9%	76.2%	19.1%	61.2%
NEW HAMPSHIRE	75.0%	44.7%	45.0%	36.4%
NEW YORK	91.1%	67.6%	24.9%	51.9%
OREGON	88.4%	78.5%	16.3%	59.5%
TEXAS	79.9%	49.3%	39.7%	39.0%
VERMONT	93.9%	73.4%	23.9%	65.7%
WISCONSIN	96.3%	70.0%	26.3%	61.3%
Median	87.9%	62.2%	31.3%	51.4%

Table 2.3 ACBS 2007 Response Rates by State: Adults

STATE	Completion Rate	Cooperation Rate	Refusal Rate	CASRO Rate
ALASKA	89.9%	64.8%	29.1%	54.2%
ARIZONA	70.9%	43.5%	47.1%	36.5%
CALIFORNIA	85.6%	60.0%	31.5%	51.4%
COLORADO	80.4%	46.7%	44.8%	39.8%
CONNECTICUT	76.9%	54.0%	36.7%	43.4%
DISTRICT OF COLUMBIA	70.8%	45.5%	44.9%	37.7%
FLORIDA	99.6%	67.1%	22.3%	45.5%
GEORGIA	78.0%	53.7%	37.2%	43.8%
HAWAII	95.9%	66.9%	29.2%	60.2%
ILLINOIS	94.0%	68.6%	26.0%	57.2%
INDIANA	90.1%	65.0%	29.5%	55.4%
IOWA	89.0%	66.4%	29.7%	59.2%
KANSAS	95.1%	73.6%	22.8%	63.4%
MAINE	90.3%	68.4%	28.0%	60.9%
MARYLAND	78.1%	54.6%	35.7%	43.2%
MASSACHUSETTS	70.1%	45.2%	44.6%	37.3%
MICHIGAN	92.6%	65.9%	30.5%	59.4%
MISSOURI	89.9%	63.8%	30.7%	54.4%
MONTANA	78.9%	56.4%	35.7%	46.8%
NEBRASKA	91.7%	68.3%	27.2%	59.0%
NEVADA	89.9%	68.2%	27.8%	59.6%
NEW HAMPSHIRE	76.1%	51.6%	39.5%	42.2%
NEW MEXICO	85.4%	57.6%	36.8%	51.0%
NEW YORK	87.3%	58.9%	35.1%	50.8%
OHIO	81.8%	67.4%	27.3%	57.1%
OKLAHOMA	86.1%	55.6%	35.9%	45.3%
OREGON	97.0%	84.9%	12.3%	72.2%
PENNSYLVANIA	89.8%	60.8%	35.3%	53.0%
TEXAS	83.3%	54.3%	35.4%	43.2%
UTAH	92.4%	64.5%	31.2%	56.6%
VERMONT	92.7%	70.3%	26.1%	61.8%
WASHINGTON	95.2%	80.0%	15.6%	66.3%
WEST VIRGINIA	87.2%	71.5%	24.2%	62.1%
WISCONSIN	92.4%	68.0%	26.2%	55.8%
Median	88.1%	64.1%	30.6%	54.3%

Table 2.4 ACBS 2007 Response Rates by State: Children

STATE	Completion Rate	Cooperation Rate	Refusal Rate	CASRO Rate
ALASKA	88.6%	69.6%	25.8%	59.3%
ARIZONA	72.2%	48.6%	41.0%	38.8%
CALIFORNIA	85.3%	56.6%	29.6%	47.9%
CONNECTICUT	79.9%	60.1%	29.8%	45.5%
DISTRICT OF COLUMBIA	66.7%	52.4%	38.9%	43.9%
GEORGIA	80.7%	60.5%	32.3%	49.4%
HAWAII	95.5%	69.7%	26.6%	61.1%
ILLINOIS	90.2%	59.0%	30.5%	43.8%
INDIANA	91.1%	63.1%	30.7%	52.4%
IOWA	93.5%	71.7%	25.2%	63.8%
KANSAS	92.0%	72.2%	21.2%	55.0%
MAINE	92.0%	73.3%	23.4%	64.0%
MARYLAND	73.8%	52.4%	35.7%	40.1%
MASSACHUSETTS	68.2%	46.5%	39.5%	34.9%
MICHIGAN	92.8%	64.5%	30.4%	55.2%
MISSISSIPPI	94.9%	72.7%	19.1%	50.8%
MISSOURI	89.9%	64.0%	27.9%	49.6%
MONTANA	76.0%	58.9%	36.1%	51.7%
NEBRASKA	93.0%	69.3%	26.1%	58.9%
NEW HAMPSHIRE	80.5%	55.1%	37.8%	46.4%
NEW MEXICO	78.8%	51.7%	39.5%	44.3%
NEW YORK	84.8%	55.9%	36.1%	46.3%
OHIO	79.2%	66.2%	26.3%	51.5%
OKLAHOMA	85.8%	61.6%	30.3%	48.6%
OREGON	83.5%	76.4%	17.1%	55.4%
PENNSYLVANIA	87.8%	64.7%	29.8%	54.6%
TEXAS	84.1%	53.8%	35.0%	42.7%
UTAH	88.6%	64.3%	29.8%	53.7%
VERMONT	96.8%	73.2%	22.9%	62.6%
WEST VIRGINIA	91.5%	78.2%	19.9%	71.1%
WISCONSIN	92.7%	67.7%	26.1%	54.8%
Median	85.8%	63.1%	29.8%	51.5%

Table 2.5 ACBS 2008 Response Rates by State: Adults

STATE	Completion Rate	Cooperation Rate	Refusal Rate	CASRO Rate
ARIZONA	71.8%	40.7%	50.8%	35.1%
CALIFORNIA	79.5%	43.7%	50.4%	41.1%
CONNECTICUT	83.5%	60.7%	31.0%	47.8%
DISTRICT OF COLUMBIA	75.3%	51.3%	38.3%	40.6%
FLORIDA	90.5%	60.4%	26.5%	40.4%
GEORGIA	91.0%	62.6%	25.3%	42.2%
HAWAII	99.0%	65.5%	30.3%	57.5%
ILLINOIS	96.1%	64.2%	28.6%	52.0%
INDIANA	90.0%	60.2%	33.7%	51.7%
IOWA	92.7%	65.7%	30.0%	57.5%
KANSAS	96.3%	71.3%	23.6%	58.6%
MAINE	91.9%	67.6%	28.9%	61.4%
MARYLAND	78.6%	55.1%	32.9%	40.9%
MASSACHUSETTS	94.0%	65.5%	25.2%	47.7%
MICHIGAN	94.7%	62.4%	33.5%	56.2%
MISSOURI	95.1%	63.0%	31.1%	53.5%
MONTANA	80.1%	54.4%	38.3%	46.0%
NEBRASKA	94.0%	62.5%	32.6%	54.5%
NEVADA	87.7%	57.9%	34.7%	48.0%
NEW HAMPSHIRE	84.0%	60.5%	31.4%	48.2%
NEW JERSEY	89.8%	58.9%	28.3%	40.5%
NEW MEXICO	94.2%	62.3%	30.5%	53.1%
NEW YORK	85.8%	58.8%	34.4%	50.6%
NORTH DAKOTA	88.4%	62.6%	31.9%	55.0%
OHIO	81.6%	48.0%	42.9%	39.9%
OKLAHOMA	91.2%	53.6%	38.8%	44.8%
OREGON	95.2%	80.8%	15.8%	67.7%
RHODE ISLAND	82.2%	55.9%	36.2%	46.5%
TEXAS	73.2%	51.0%	43.0%	45.5%
UTAH	95.4%	68.6%	26.4%	57.5%
VERMONT	92.7%	70.4%	25.3%	61.5%
VIRGINIA	75.7%	56.2%	36.4%	47.0%
WASHINGTON	97.3%	68.1%	27.3%	59.1%
WEST VIRGINIA	95.8%	75.9%	19.9%	62.5%
WISCONSIN	94.3%	63.8%	30.2%	53.9%
Median	91.0%	62.3%	31.1%	50.6%

Table 2.6 ACBS 2008 Response Rates by State: Children

STATE	Completion Rate	Cooperation Rate	Refusal Rate	CASRO Rate
ARIZONA	71.3%	50.4%	42.5%	43.3%
CALIFORNIA	72.3%	41.5%	44.8%	36.0%
CONNECTICUT	78.5%	61.1%	29.7%	47.3%
DISTRICT OF COLUMBIA	71.2%	52.8%	34.0%	38.1%
GEORGIA	92.6%	68.8%	19.7%	43.3%
HAWAII	98.7%	72.3%	23.3%	60.9%
ILLINOIS	93.2%	66.4%	25.7%	52.2%
INDIANA	92.5%	67.2%	27.5%	56.2%
IOWA	95.0%	75.8%	21.0%	65.7%
KANSAS	97.3%	75.3%	19.7%	59.8%
MAINE	86.7%	70.5%	26.7%	63.6%
MARYLAND	77.0%	57.3%	28.5%	38.5%
MASSACHUSETTS	94.1%	68.6%	19.6%	42.7%
MICHIGAN	96.9%	63.4%	31.6%	54.6%
MISSOURI	96.6%	77.3%	17.7%	60.0%
MONTANA	75.0%	56.3%	34.5%	44.3%
NEBRASKA	94.7%	66.2%	27.7%	54.9%
NEW HAMPSHIRE	77.1%	57.2%	34.1%	45.6%
NEW JERSEY	91.6%	59.1%	24.6%	35.6%
NEW MEXICO	98.1%	66.7%	22.3%	54.3%
NEW YORK	88.1%	66.9%	23.9%	50.0%
NORTH DAKOTA	92.5%	69.0%	26.0%	58.0%
OHIO	76.1%	51.2%	39.8%	41.7%
OKLAHOMA	88.5%	61.4%	29.3%	46.6%
OREGON	91.9%	75.6%	17.7%	60.0%
RHODE ISLAND	85.9%	56.5%	34.4%	44.7%
TEXAS	64.4%	50.6%	42.0%	43.8%
UTAH	93.8%	65.6%	29.1%	55.5%
VERMONT	91.2%	71.3%	25.0%	62.0%
VIRGINIA	75.5%	52.2%	34.9%	38.7%
WEST VIRGINIA	93.4%	81.6%	15.2%	67.3%
WISCONSIN	94.7%	64.3%	26.8%	48.2%
Median	91.7%	65.9%	27.1%	49.1%

Table 3.1 2006 ACBS Completed Interviews by State and Month: Adults

STATE	2006												2007		Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
ALASKA	.	23	10	21	4	3	6	2	.	23	17	12	56	.	177
ARIZONA	21	21	30	11	10	21	15	8	19	16	23	35	.	.	230
CALIFORNIA	.	26	50	34	39	30	38	24	30	23	25	34	.	.	353
COLORADO	.	53	40	44	24	36	33	24	34	17	24	15	35	3	382
CONNECTICUT	15	12	27	30	19	27	26	43	76	43	66	71	.	.	455
DISTRICT OF COLUMBIA	2	18	26	18	21	22	10	9	14	15	17	25	.	.	197
GEORGIA	2	20	28	38	47	28	36	28	58	1	.	91	.	.	377
HAWAII	19	24	17	33	17	27	40	44	44	47	33	45	2	.	392
INDIANA	21	20	37	29	27	50	35	46	41	43	38	45	7	.	439
IOWA	.	22	25	23	28	18	16	41	7	23	24	14	32	.	273
KANSAS	38	61	35	46	43	43	50	45	24	45	38	46	.	.	514
MAINE	7	14	27	16	30	22	21	23	30	16	15	22	.	.	243
MARYLAND	22	37	53	34	42	33	34	23	41	30	32	53	.	.	434
MASSACHUSETTS	9	24	26	31	41	43	32	22	33	38	36	43	.	.	378
MICHIGAN	.	41	32	46	46	26	24	24	41	20	51	36	32	3	422
MISSOURI	.	37	35	24	31	28	41	30	41	25	33	24	13	.	362
MONTANA	17	21	42	21	23	20	28	19	20	29	31	28	.	.	299
NEBRASKA	.	22	.	47	33	20	39	.	21	39	.	46	33	.	300
NEW HAMPSHIRE	14	24	47	26	35	25	31	16	29	23	23	35	.	.	328
NEW YORK	24	26	29	38	25	19	33	43	30	27	26	40	5	.	365
OREGON	.	67	37	33	57	61	35	9	34	46	29	46	3	.	457
TEXAS	.	4	39	22	30	23	34	25	32	19	20	84	.	.	332
VERMONT	38	43	62	50	57	48	58	51	38	47	44	41	5	.	582
WASHINGTON	.	217	155	144	408	226	162	107	146	235	187	132	100	.	2,219
WISCONSIN	.	37	17	16	22	45	28	27	21	13	25	27	13	.	291
25 STATE TOTAL	249	914	926	875	1,159	944	905	733	904	903	857	1,090	336	6	10,801

Table 3.2 2006 ACBS Completed Interviews by State and Month: Children

STATE	2006												2007		Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
ALASKA	.	5	6	14	.	1	1	1	.	.	.	4	17	.	49
ARIZONA	.	5	10	1	7	2	4	2	2	3	8	7	.	.	51
CALIFORNIA	.	4	17	10	5	11	5	7	10	9	6	8	.	.	92
CONNECTICUT	.	12	8	11	5	12	12	14	13	16	20	25	.	.	148
DISTRICT OF COLUMBIA	.	.	.	.	.	.	1	1	3	7	4	9	.	.	25
GEORGIA	.	8	9	12	11	15	13	16	22	.	.	22	.	.	128
HAWAII	3	11	17	6	6	15	11	17	13	18	9	13	2	.	141
INDIANA	9	7	10	14	7	5	6	14	8	8	11	7	.	.	106
IOWA	.	.	20	5	13	2	4	5	2	7	4	1	4	.	67
KANSAS	12	11	10	15	14	18	15	11	11	22	13	13	.	.	165
MAINE	.	7	9	6	7	3	3	6	7	5	2	8	.	.	63
MARYLAND	.	29	17	16	3	12	9	6	17	3	4	26	.	.	142
MASSACHUSETTS	.	15	12	5	14	17	4	5	8	12	7	10	.	.	109
MICHIGAN	.	10	11	6	4	11	6	4	3	7	4	9	12	2	89
MISSOURI	.	11	13	3	8	9	15	8	10	5	6	7	2	.	97
MONTANA	.	7	8	9	2	6	3	4	8	6	2	5	.	.	60
NEBRASKA	.	5	.	19	15	8	10	.	8	10	.	19	15	.	109
NEW HAMPSHIRE	.	8	11	4	9	5	2	3	7	7	9	7	.	.	72
NEW YORK	8	7	11	11	5	11	12	10	4	8	3	10	2	.	102
OREGON	.	.	19	6	14	4	6	3	12	8	7	4	1	.	84
TEXAS	.	6	10	11	9	5	5	8	8	5	8	32	.	.	107
VERMONT	4	7	13	21	12	13	5	11	9	7	11	10	1	.	124
WISCONSIN	.	7	12	3	9	9	8	5	9	2	4	6	3	.	77
23 STATE TOTAL	36	182	253	208	179	194	160	161	194	175	142	262	59	2	2,207

Table 3.3 2007 ACBS Completed Interviews by State and Month: Adults

STATE	2007												2008		Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
ALASKA	.	12	27	13	9	9	10	16	15	6	7	24	12	.	160
ARIZONA	.	30	14	13	16	11	15	18	18	41	24	19	.	.	219
CALIFORNIA	23	20	28	25	28	12	19	16	16	18	34	47	.	.	286
COLORADO	.	19	46	34	32	22	33	48	31	36	21	57	7	.	386
CONNECTICUT	.	19	30	20	22	24	34	34	37	72	47	50	.	.	389
DISTRICT OF COLUMBIA	.	21	16	14	8	4	14	17	23	34	13	25	.	.	189
FLORIDA	65	60	101	64	89	75	75	78	72	81	75	66	3	.	904
GEORGIA	.	60	1	18	19	16	35	41	64	72	22	41	.	.	389
HAWAII	31	53	37	44	36	32	50	43	34	42	36	49	7	.	494
ILLINOIS	.	.	13	12	19	43	46	27	22	12	27	35	24	.	280
INDIANA	29	28	29	25	29	47	35	57	39	35	21	15	2	.	391
IOWA	.	24	24	29	31	27	30	23	23	25	21	19	15	.	291
KANSAS	27	45	56	46	35	31	56	54	39	49	50	47	10	.	545
MAINE	1	62	42	29	36	.	57	57	60	61	35	26	6	.	472
MARYLAND	.	45	46	35	15	29	33	27	41	77	34	64	.	.	446
MASSACHUSETTS	.	13	19	21	22	16	35	7	21	47	15	30	.	.	246
MICHIGAN	.	21	54	70	60	64	47	40	39	52	58	31	15	.	551
MISSOURI	14	36	30	40	18	27	24	21	20	32	19	12	20	.	313
MONTANA	.	29	31	25	8	15	23	31	46	63	18	37	.	.	326
NEBRASKA	.	44	43	64	74	55	29	30	61	52	3	51	66	.	572
NEVADA	1	39	30	33	22	17	27	20	20	35	22	22	23	.	311
NEW HAMPSHIRE	.	26	20	22	16	12	21	37	40	57	35	39	.	.	325
NEW MEXICO	.	49	9	26	26	32	41	30	26	30	20	45	39	6	379
NEW YORK	24	21	33	17	25	39	43	57	36	42	32	16	.	.	385
OHIO	9	58	58	83	59	.	.	.	47	85	81	81	.	.	561
OKLAHOMA	.	.	60	40	28	36	55	9	40	30	30	33	29	.	390
OREGON	14	51	44	22	35	40	45	49	42	43	43	56	4	.	488
PENNSYLVANIA	5	25	28	19	12	27	31	47	30	32	21	12	1	.	290
TEXAS	.	51	28	26	22	18	17	48	26	76	36	47	.	.	395
UTAH	.	40	46	19	10	15	19	34	35	2	44	46	26	2	338
VERMONT	42	37	44	39	37	51	52	55	47	44	37	36	9	.	530
WASHINGTON	125	225	185	228	181	181	242	206	123	216	120	233	81	.	2,346
WEST VIRGINIA	.	29	29	28	37	36	27	22	16	25	28	28	21	.	326
WISCONSIN	.	19	28	33	36	17	42	24	32	26	23	13	21	1	315
34 STATE TOTAL	410	1,311	1,329	1,276	1,152	1,080	1,362	1,323	1,281	1,650	1,152	1,452	441	9	15,228

Table 3.4 2007 ACBS Completed Interviews by State and Month: Children

STATE	2007												2008		Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
ALASKA	.	5	9	1	2	3	3	2	1	3	3	3	4	.	39
ARIZONA	.	7	4	2	3	5	4	4	6	6	6	5	.	.	52
CALIFORNIA	5	5	6	11	5	5	4	7	3	6	3	21	.	.	81
CONNECTICUT	.	12	9	4	8	11	7	10	10	21	11	16	.	.	119
DISTRICT OF COLUMBIA	.	6	1	2	3	5	2	4	2	8	3	8	.	.	44
GEORGIA	.	21	10	12	7	4	9	18	25	17	12	15	.	.	150
HAWAII	8	21	18	15	15	8	17	22	11	21	17	16	2	.	191
ILLINOIS	.	.	1	4	1	8	2	8	3	1	4	7	7	.	46
INDIANA	7	5	7	9	8	8	6	10	9	6	2	4	1	.	82
IOWA	.	9	9	6	6	9	10	2	7	5	8	7	8	.	86
KANSAS	2	16	13	12	11	12	8	9	9	13	9	12	1	.	127
MAINE	8	14	13	9	.	7	14	11	11	12	10	5	1	.	115
MARYLAND	.	13	9	3	7	3	5	9	18	30	9	12	.	.	118
MASSACHUSETTS	.	5	4	8	2	4	1	4	4	15	3	10	.	.	60
MICHIGAN	.	3	8	14	6	21	11	16	5	22	13	9	1	.	129
MISSISSIPPI	.	20	8	5	9	8	13	12	12	.	11	.	14	.	112
MISSOURI	.	9	8	7	7	12	3	5	5	8	4	7	5	.	80
MONTANA	.	7	6	5	6	7	2	8	6	7	5	14	.	.	73
NEBRASKA	.	12	7	22	17	20	8	8	14	12	3	.	10	.	133
NEW HAMPSHIRE	.	5	3	4	3	6	3	4	7	12	12	11	.	.	70
NEW MEXICO	.	7	7	7	12	7	3	6	9	5	11	9	8	2	93
NEW YORK	9	7	6	11	6	8	8	13	9	13	3	4	3	.	100
OHIO	.	9	19	20	10	.	.	.	12	24	22	25	.	.	141
OKLAHOMA	.	.	14	18	8	10	17	4	5	11	.	11	11	.	109
OREGON	10	5	9	2	7	5	9	7	8	5	5	8	1	.	81
PENNSYLVANIA	3	8	8	5	3	9	8	13	7	9	4	7	2	.	86
TEXAS	.	16	5	8	7	4	7	14	10	28	15	13	.	.	127
UTAH	.	14	11	4	1	10	6	21	13	3	11	8	14	1	117
VERMONT	10	11	11	8	8	10	8	12	10	13	4	14	1	.	120
WEST VIRGINIA	.	6	6	8	9	6	8	5	7	8	7	8	8	.	86
WISCONSIN	.	5	2	13	5	1	5	10	6	6	5	1	4	.	63
31 STATE TOTAL	62	283	251	259	202	236	211	278	264	350	235	290	106	3	3030

Table 3.5 2008 ACBS Completed Interviews by State and Month: Adults

STATE	2008												2009			Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
ARIZONA	23	26	27	19	12	18	17	23	15	8	10	3	.	.	.	201
CALIFORNIA	.	49	80	62	29	38	58	61	43	65	69	46	.	.	.	600
CONNECTICUT	27	26	41	30	13	29	28	23	45	23	37	36	.	.	.	358
DISTRICT OF COLUMBIA	7	27	16	17	14	10	25	16	21	17	28	43	.	.	.	241
FLORIDA	38	36	60	45	28	37	38	24	46	48	34	23	1	.	.	458
GEORGIA	.	.	.	29	43	30	26	38	22	30	26	29	1	.	.	274
HAWAII	.	70	54	43	23	46	30	53	28	44	25	56	4	.	.	476
ILLINOIS	.	.	38	36	37	31	16	7	29	23	43	50	4	2	.	316
INDIANA	22	39	26	16	34	29	26	25	26	31	24	26	1	.	.	325
IOWA	.	35	49	16	12	24	25	21	34	27	27	36	24	.	.	330
KANSAS	15	65	52	54	37	53	38	41	48	49	51	61	2	.	.	566
MAINE	33	58	62	52	44	41	40	44	29	40	56	51	6	.	.	556
MARYLAND	44	33	45	49	19	51	35	32	51	21	44	61	.	.	.	485
MASSACHUSETTS	8	46	27	29	43	34	23	25	52	55	44	27	6	.	.	419
MICHIGAN	.	4	76	62	56	79	97	32	56	45	33	52	61	31	7	691
MISSOURI	.	.	49	23	37	31	36	31	34	33	27	21	8	.	.	330
MONTANA	28	31	15	.	.	13	30	38	45	21	41	67	.	.	.	329
NEBRASKA	.	80	109	60	71	26	89	68	24	75	73	61	61	.	.	797
NEVADA	.	.	25	42	33	45	20	11	22	24	20	30	14	.	.	286
NEW HAMPSHIRE	26	43	50	49	28	54	37	25	41	19	39	46	.	.	.	457
NEW JERSEY	.	43	17	30	72	42	31	25	43	50	49	53	10	.	.	465
NEW MEXICO	.	12	52	37	36	21	35	45	28	24	37	33	32	.	.	392
NEW YORK	10	72	52	53	30	40	38	29	40	34	31	40	4	.	.	473
NORTH DAKOTA	7	27	32	32	21	22	28	31	27	19	19	17	1	.	.	283
OHIO	51	58	71	55	33	59	48	29	24	17	17	13	.	.	.	475
OKLAHOMA	.	41	28	49	40	44	29	37	30	30	42	25	.	.	.	395
OREGON	22	51	26	32	18	38	39	37	33	61	31	33	13	.	.	434
RHODE ISLAND	23	33	35	24	16	33	36	28	46	22	33	55	.	.	.	384
TEXAS	33	47	72	46	33	64	52	56	41	44	38	57	.	.	.	583
UTAH	.	2	7	44	55	27	36	38	35	22	40	25	20	.	.	351
VERMONT	49	58	36	32	47	50	54	35	44	55	52	44	5	.	.	561
VIRGINIA	.	69	41	31	9	22	25	23	25	17	21	35	.	.	.	318
WASHINGTON	72	106	34	38	52	132	35	21	52	80	68	60	15	.	.	765
WEST VIRGINIA	.	28	35	30	20	32	25	24	18	24	33	52	.	.	.	321
WISCONSIN	14	5	3	1	.	.	.	4	28	4	53	86	94	19	1	312
35 STATE TOTAL	552	1,320	1,442	1,267	1,095	1,345	1,245	1,100	1,225	1,201	1,315	1,453	387	52	8	15,007

Table 3.6 2008 ACBS Completed Interviews by State and Month: Children

STATE	2008												2009		Total
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
ARIZONA	1	9	9	2	4	6	5	8	7	4	1	1	.	.	57
CALIFORNIA	.	5	6	7	2	6	5	3	15	6	12	6	.	.	73
CONNECTICUT	8	8	11	6	4	13	10	4	7	7	6	18	.	.	102
DISTRICT OF COLUMBIA	.	5	4	5	3	2	6	1	5	3	6	7	.	.	47
GEORGIA	.	.	.	9	15	11	11	10	7	13	12	.	.	.	88
HAWAII	.	16	25	19	10	14	3	16	7	14	8	15	2	.	149
ILLINOIS	.	.	13	11	6	6	4	2	4	9	4	9	1	.	69
INDIANA	3	7	10	12	4	7	10	7	10	4	5	6	1	.	86
IOWA	.	.	18	5	7	11	3	7	8	6	16	10	3	.	94
KANSAS	.	27	16	14	5	11	11	10	15	14	7	16	.	.	146
MAINE	4	16	15	9	8	11	5	9	10	13	8	7	2	.	117
MARYLAND	14	11	14	9	3	14	14	12	5	7	11	20	.	.	134
MASSACHUSETTS	6	11	4	6	6	4	9	6	14	12	12	5	1	.	96
MICHIGAN	.	.	16	13	20	26	19	9	15	15	13	20	11	8	185
MISSOURI	.	.	15	9	11	9	5	11	6	9	4	5	1	.	85
MONTANA	4	8	1	.	.	3	8	1	6	8	5	10	.	.	54
NEBRASKA	.	12	27	9	15	3	26	16	4	19	14	33	.	.	178
NEW HAMPSHIRE	4	6	16	5	7	15	9	5	7	4	3	10	.	.	91
NEW JERSEY	.	10	3	6	20	12	13	3	7	15	21	9	1	.	120
NEW MEXICO	.	.	.	19	9	9	9	8	10	10	12	5	11	.	102
NEW YORK	4	15	8	14	12	7	10	8	9	7	8	9	.	.	111
NORTH DAKOTA	4	2	7	8	3	5	1	3	4	1	6	5	.	.	49
OHIO	12	12	29	9	10	20	11	8	2	9	8	4	.	.	134
OKLAHOMA	.	12	14	8	8	11	9	7	8	8	11	4	.	.	100
OREGON	.	10	5	4	7	6	4	2	8	8	3	6	5	.	68
RHODE ISLAND	7	10	8	4	2	10	7	8	6	10	6	13	.	.	91
TEXAS	10	17	23	13	13	20	10	13	9	12	21	9	.	.	170
UTAH	.	.	.	8	27	12	5	18	9	7	5	11	3	.	105
VERMONT	6	18	8	12	11	9	10	9	9	10	11	10	1	.	124
VIRGINIA	.	16	10	5	3	6	.	6	6	8	4	7	.	.	71
WEST VIRGINIA	.	.	15	6	5	9	4	6	8	5	4	9	.	.	71
WISCONSIN	2	2	.	.	.	.	.	.	3	1	10	17	16	3	54
32 STATE TOTAL	89	265	350	266	260	308	256	236	250	278	277	316	59	11	3,221

Appendix B: BRFSS Response Rate Formulae

BRFSS CASRO Response Rate Formula

Completes = Completed or Partially Completed Interviews

Completes = $(110+120+(210 \times .32))$

Eligible=All respondents with known eligibility status categorized as eligible

Eligible = $(110+120+210+220+230+240+250+260+270+280)$

Ineligible= All respondents with known eligibility status categorized as ineligible

Ineligible= $(405+410+420+430+435+440+450)$

Unknown=All respondents with unknown eligibility status

Unknown= $(305+310+315+320+325+330+332+335+340+345+350+355+360+365+370)$

UNKNDNOM=Unknown respondents added to the denominator

UNKNDNOM = $(\text{Eligible}/(\text{Eligible} + \text{Ineligible})) \times \text{Unknown}$

CASRO = $(\text{Completes} / (\text{Eligible} + \text{UNKNDNOM}))$

BRFSS Overall Response Rate Formula

Completes = Completed or Partially Completed Interviews

Completes = $(110+120+(210 \times .32))$

Break-offs and Refusals = $((210 \times .68)+220)$

Known Households = $(230+240+250+260+270+280+305+310+315+335)$

Ineligible Households = 410

All Likely Households= $(345+350+320+325+330+332+340+370+355)$

Households = $(\text{Known Households}+\text{Ineligible Households}+\text{Completes}+\text{Break-offs and Refusals}+(\text{.90} \times \text{All Likely Households}))$

Eligible Households = $(\text{.98} \times \text{Households})$

Overall Response Rate = $(\text{Completes}/\text{Eligible Households})$

BRFSS Cooperation Rate Formula

Completes = Completed or Partially Completed Interviews

Completes = $(110+120+(210 \times .32))$

Break-offs and Refusals = $((210 \times .68)+220)$

Cooperation Rate = $(\text{Completes}/(\text{Completes}+\text{Break-offs and Refusals}+250+260))$

Appendix C: Instructions for Assigning Additional ACBS Disposition Codes

Following are descriptions of the ACBS disposition codes adapted from standard BRFSS disposition codes and the ACBS disposition codes added to the standard set of BRFSS disposition codes. For detailed definitions for the standard BRFSS disposition codes see the Data Quality Handbook for each survey year.

I. Eligible, contacted: complete interview

- 110 Complete
Definition: Respondent completes the ACBS interview through the last question.
- 120 Partial complete
Definition: Respondent completes the ACBS interview at least through Section 8 (medications).

II. Eligible, contacted: refusal

- 210 Terminated within the questionnaire during the ACBS interview
Definition: If the respondent is contacted for the ACBS and terminates after the interview begins (section 3) but before completing section 8, then record is considered incomplete and is assigned disposition code 210.
- 211 Refused to allow combining ACBS responses with BRFSS responses
Definition: Some states require that the respondent provide active approval to combine their responses from the initial BRFSS interview with their responses from the ACBS interview. This approval may be requested at either the initial BRFSS interview or at the beginning of the ACBS interview. If the respondent does not approve combining data from the two interviews, the record is assigned disposition code 211.
- 212 Refused to answer the “ever had asthma” question during the ACBS interview
Definition: The selected respondent is contacted for the ACBS interview but refuses to answer the initial asthma question. If the respondent answers "don't know" or "refused" to the ACBS question EVER-ASTH (2.1) “Have you ever been told by a doctor or other health professional that (you have/sample child has) asthma?”, then the record is assigned code 212.
- 220 Refused to begin the ACBS interview after contacted
Definition: If the selected respondent is contacted for the ACBS interview but refuses to begin the interview, then the record is assigned code 220.
- 413 Refused to participate in the call-back during the BRFSS interview
Definition: During the BRFSS interview, respondents who indicate they have ever been told by a doctor that they have asthma are asked if they will participate in an additional survey at a later date. Some state Institutional Review Boards (IRBs) require that the content of the additional survey (asthma) be disclosed; other state IRBs require that the specific content not be disclosed. Some states have multiple call-back surveys in the field and do not specify the content of any of the call-back interviews. If a respondent refuses to participate in the call-back survey, that record is assigned disposition code 413.

III. Eligible, lost to follow-up because unable to contact or communicate with the BRFSS respondent

- 306 Selected ACBS respondent no longer living in the BRFSS household

Definition: The BRFSS respondent with asthma left the BRFSS household between the BRFSS interview and the ACBS interview. If the selected respondent (from the BRFSS) no longer lives in the BRFSS household but did live in the household during the BRFSS interview, then attempts should be made to obtain new contact information for the selected respondent, and the follow-up should be conducted using the new telephone number. If this is not possible or the household refuses to provide new contact information, then the record is assigned disposition code 306.

Refer to the Data Quality Handbook for each survey year for the definitions of all other codes in this category (http://www.cdc.gov/brfss/technical_infodata/surveydata.htm).

IV. Eligible, lost to follow-up for technical reasons

Refer to the Data Quality Handbook for each survey year for the definitions of all codes in this category (http://www.cdc.gov/brfss/technical_infodata/surveydata.htm).

V. Ineligible

291 No parent or legal guardian in the household (child ineligible)

Definition: This code applies only to the child ACBS interview. The child selected during the BRFSS interview is eligible for the ACBS (the BRFSS respondent indicated that the selected child has an asthma diagnosis). However, ACBS child protocol requires that the BRFSS respondent must be the parent or guardian of the child to provide proxy responses for the child or to approve transfer to a more knowledgeable proxy respondent. If the BRFSS respondent is not the parent or guardian of the selected child with asthma, the child is ineligible for the ACBS. The child record is assigned disposition code 291.

405 Out-of-state

Definition: The BRFSS question that determines eligibility for the ACBS is “Have you ever been told by a doctor, nurse, or other health professional that (you have/the sample child has) asthma?” Respondents who answer “yes” are eligible for the ACBS. If the respondent is a state resident at the time of the BRFSS interview, but moves to an out-of-state residence between the BRFSS interview and the ACBS interview, then the respondent is no longer eligible for the ACBS, and the record is assigned disposition code 405.

410 Household, no eligible respondent (respondent does not have asthma)

Definition: The BRFSS question that determines eligibility for the ACBS is “Have you ever been told by a doctor, nurse, or other health professional that (you have/the sample child has) asthma?” Respondents who answer “yes” are eligible for the ACBS. If the respondent informs the ACBS interviewer that the recorded response from the BRFSS interview was in error and terminates the call, then the respondent is not eligible for the ACBS, and the record is assigned disposition code 410.

411 Selected respondent not eligible for follow-up

Definition: If the respondent disagrees with the recorded response to the asthma question from the BRFSS interview and answers “no” to the ACBS question EVER-ASTH (2.1) “Have you ever been told by a doctor or other health professional that (you have/the sample child has) asthma?”, then the respondent is not eligible for the ACBS, and the record is assigned disposition code 411.

412 Transferred from BRFSS but not attempted (excluded by state)

Definition: The BRFSS question that determines eligibility for the ACBS is “Have you ever been told by a doctor, nurse, or other health professional that (you have/the sample child has) asthma?” Respondents who answer “yes” are eligible for the ACBS. Eligible respondents are then asked for permission to call back. Those that agree should be called for the

ACBS interview. However, if a respondent eligible to be called is transferred from BRFSS to the ACBS but never called, then the record is assigned disposition code 412.

470 Misdiagnosed asthma in respondent (2008 and later)

Definition: The BRFSS question that determines eligibility for the ACBS is “Have you ever been told by a doctor, nurse, or other health professional that (you have/the sample child has) asthma?” Respondents who answer “yes” are eligible for the ACBS. However, the initial diagnosis could have been in error and changed. This misdiagnosis is not captured by the BRFSS or ACBS. If the respondent informs the interviewer of the misdiagnosis, the respondent is not eligible for the ACBS, and the record is assigned disposition code 470.

480 Not recruited for call-back at BRFSS interview (excluded by state)

Definition: The BRFSS question that determines eligibility for the ACBS is “Have you ever been told by a doctor, nurse, or other health professional that (you have/the sample child has) asthma?” Respondents who answer “yes” are eligible for the ACBS. Eligible respondents are then asked for permission to call back. Those who agree should be called for the ACBS interview. However, if a respondent eligible to be called is not transferred from BRFSS to the ACBS and is never called, then the record is assigned disposition code 480.

490 Random child/adult selection: adult ineligible, child selected

Definition: If both the BRFSS respondent and the randomly selected child in the household have asthma and the BRFSS respondent agrees to the call-back interview, one or the other is randomly selected to be eligible for the call-back. If the child is selected, the adult is ineligible, and the adult record is assigned disposition code 490.

491 Random child/adult selection: child ineligible, adult selected

Definition: If both the BRFSS respondent and the randomly selected child in the household have asthma and the BRFSS respondent agrees to the call-back interview, one or the other is randomly selected to be eligible for the call-back. If the adult is selected, the child is ineligible, and the child record is assigned disposition code 491.