



**2024**

**Behavioral Risk Factor Surveillance System**

**Asthma Call-back Survey**

**Summary Data Quality Report**



**National  
Asthma  
Control  
Program**

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## 2024 Asthma Call-back Survey (ACBS) Summary Data Quality Report

### Introduction

Procedures for interview disposition and response rates for the Behavioral Risk Factor Surveillance System (BRFSS) Asthma Call-back Survey (ACBS) follow the 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 1 (on page 7) is a flow chart that describes the eligibility paths BRFSS respondents with asthma follow through the ACBS process.

Because asthma characteristics vary by season, a seasonal analysis must consider 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. If a state has less than 6 complete months of child or adult data, the data from that state are not considered sufficiently comparable with the data from other states and are excluded from the public release file and the response rate calculations. If a state has fewer than seventy-five (75) complete child interviews, reliable weights cannot be calculated, and the child data from that state are excluded from the public release file. Also, if a state has fewer than two hundred (200) complete adult interviews, reliable weights cannot be calculated, and the adult data for that state are excluded from the public release file.

Appendix A (starting on page 11) presents tables showing disposition code categories, response rates, and completed interviews by month for each state participating in the ACBS each year. Appendix B (starting on page 18) provides additional instructions on assigning the ACBS-specific disposition codes. Appendix C (starting on page 22) presents the ACBS nonresponse bias analysis plan and supporting tables showing demographic breakout and prevalence for each state. Details on BRFSS response rates and procedures can be found in the BRFSS Summary Data Quality Report for each survey year at [CDC - BRFSS Annual Survey Data](#).

### Disposition Codes

The 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 to the ACBS are underlined and bolded. There are no equivalent BRFSS codes for ACBS-specific codes. Detailed descriptions of the ACBS codes can be found in Appendix B.

The ACBS 4-digit disposition codes for 2024 are:

#### **I. Eligible, contacted: complete interview**

- 1100 Complete.
- 1200 Partial complete (through the end of section 8).

## II. Eligible, contacted: refusal or termination

- 4413** Refused to participate in the call-back during the BRFSS interview.
- 2112** Refused to begin the ACBS interview after contacted.
- 2120** Terminated within the questionnaire during the ACBS interview before section 9.
- 2211** Refused to allow combining ACBS responses with BRFSS responses.
- 2212** Refused to answer the “ever had asthma” question during the ACBS interview.

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

- 2111 Hang up or termination before respondent contacted. Household contacted but ACBS respondent not contacted.
- 2210 Selected respondent never reached or reached but did not begin interview during interviewing period. Selected respondent away from residence during the entire interviewing period.
- 2320 Selected respondent physically or mentally unable to complete an interview during the entire interviewing period.
- 2330 Language problem after respondent selection.
- 3100 Contact, hang-up or termination, unknown if private residence.
- 3130 No answer.
- 3140 Telephone answering device, unknown if private residence.
- 3200 Hang-up or termination, known household. Household contact, eligibility undetermined.
- 3322 Physical or mental impairment.
- 3330 Language problem.
- 4100 Household members away from residence during entire interviewing period.
- 4900 Miscellaneous, non-eligible (for ACBS miscellaneous non-contact).
- 4306** Selected ACBS respondent no longer living in the BRFSS household.

### **Temporary codes: should be resolved prior to submission**

- 5050 Hang-up, unknown if housing unit.
- 5100 Appointment.
- 5111 Household-level refusal.
- 5112 Refusal: hang-up or termination.
- 5120 Break off/termination in questionnaire before Section 9.
- 5130 No answer.
- 5140 Answering machine, unknown if private residence.
- 5220 Answering machine, message confirming residential status.
- 5320 Physical or mental impairment.
- 5330 Language problem.
- 5550 Busy.
- 5560 Unsafe location for interview.

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

- 3150 Telecommunication technological barrier, unknown if private residence.
- 3700 On never-call list.
- 4200 Dedicated fax/data/modem line with no human contact.
- 4300 Telephone number no longer in service or changed. Non-working/disconnected number.
- 4400 Busy/Fast busy/Circuit busy.
- 4430 Call forwarding/Pager.
- 4450 Landline sample number connects to cell phone.
- 4460 Cell phone sample number connects to landline.
- 4470 Cell phone respondent also has landline, less than 90% of all calls on cell phone.
- 4500 Not a private residence – business.
- 4510 Not a private residence – group home.
- 5150 Technological barrier other than answering machine–unknown if private residence.
- 5200 Fax/Data/Modem.
- 5300 Phone number temporarily out of service. Possible non-working number.
- 5400 Technological barrier other than answering machine with message confirming residential status. Fast busy. Circuit busy.
- 5599 Mistaken Ctrl-End.
- 5700 Supervisor attention needed.
- 5900 Null attempt.
- 9999** Missing disposition code.

#### V. Ineligible: all codes specific to ACBS (no BRFSS equivalent)

- 2290** Most-knowledgeable person is not parent or guardian.
- 2291** No parent or legal guardian in the household (child ineligible).
- 4480** Not recruited for call-back at BRFSS interview (excluded by state).
- 4490** Random child/adult selection: adult ineligible, child selected.
- 4491** Random child/adult selection: child ineligible, adult selected.
- 4405** Out-of-state when ACBS records are not transferred to state of residence.
- 4700** Household, no eligible respondent. (Respondent does not have asthma.)
- 4411** Selected respondent not eligible for follow-up.
- 4412** Transferred from BRFSS but not attempted (excluded by state).
- 4471** Misdiagnosed asthma in respondent.
- 4800** No call attempt made, due to reaching agreed-upon maximum.

## 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 ACBS interviews that start but are terminated during the interview before completing section 8 (Medication Section).

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 have been ineligible.

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 10% and 15% 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 include respondents in the call-back only 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:

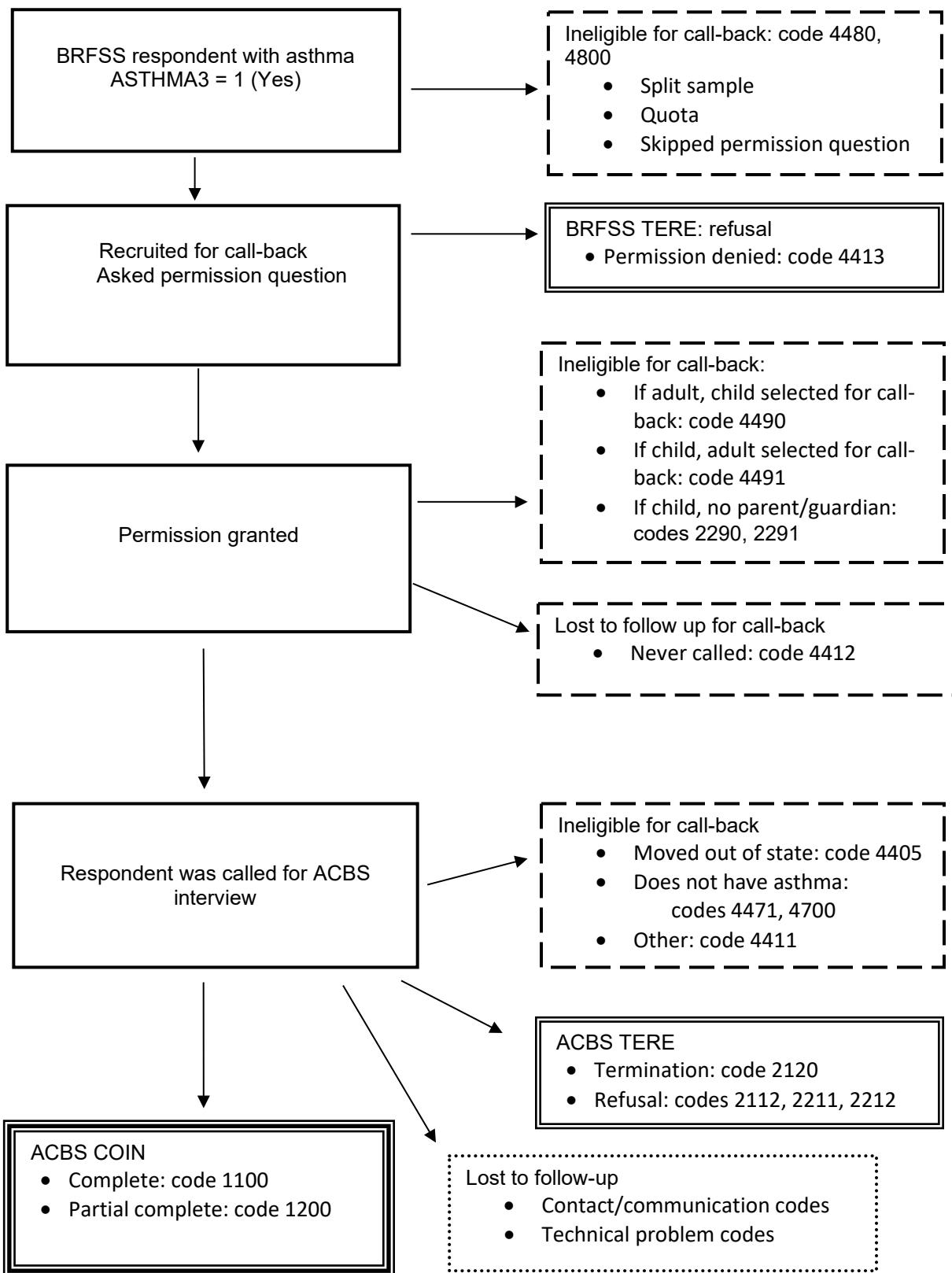
- Respondents in households where both the selected adult and selected child in the household have asthma. When both have asthma, only one is eligible for the ACBS.
- Respondents who move out-of-state between the BRFSS interview and the ACBS interview in states that are not transferring ACBS interview data or to/from states not participating in the ACBS.
- 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.
- Some respondents in states that have reached a pre-specified quota for ACBS interviews.

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

Table 1: Disposition Code Categories

Category	Disposition Codes	Notes
Eligible COIN Completed interview	1100, 1200	Through section 8
Eligible TERE Terminations and refusals	<u>4413</u>	At BRFSS interview
	<u>2112, 2120, 2211, 2212</u>	At ACBS
Eligible, lost to follow-up Not interviewed	2111, 2210, 2320, 2330, 3100, 3130, 3140, 3200, 3322, 3330, 4100, 4900, <u>4306</u> , 5050, 5100, 5111, 5112, 5120, 5130, 5140, 5220, 5320, 5330, 5550, 5560	Unable to contact or communicate with eligible respondent
	3150, 3700, 4200, 4300, 4400, 4430, 4450, 4460, 4470, 4500, 4510, 5400, 5150, 5200, 5300, 5599, 5700, 5900, <u>9999</u>	Technical problems
Ineligible	<u>2290, 2291, 4480, 4490, 4491</u>	At BRFSS interview
	<u>4405, 4700, 4411, 4471</u>	At ACBS
	<u>4412, 4800</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 contacted for and started the ACBS interview. Those who refuse at the initial BRFSS interview (4413), are ineligible, and those never contacted are excluded from the denominator. This rate is based on actual contacts with the eligible respondents 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 refused or terminated the interview (disposition codes 2112, 2120, 2211, and 2212).

The ACBS Cooperation Rate is the proportion of completed interviews among all eligible respondents who are recruited and 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 consists of 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 (2330) or physical/mental impairment of the respondent with asthma (2320). A Cooperation Rate below sixty-five percent (65%) may indicate some problem with interviewing techniques.

The Refusal Rate is the percentage of all eligible respondents who 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 thirty-five percent (35%) 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 forty percent (40%) should be cause for a review of data collection practices that could affect it, especially sample management and interviewer recruitment, retention, training, supervision, and monitoring.

ACBS response rate formulae are specified below. ACBS response rate tables, including response rates for each state/area participating in the ACBS, can be found in Appendix A. Details on ACBS-specific disposition codes can be found in Appendix B.

## Response Rate Formulae for the ACBS

### ACBS Interview Completion Rate:

$$\frac{1100 + 1200}{1100 + 1200 + \underline{2112} + \underline{2120} + \underline{2211} + \underline{2212}}$$

### ACBS Cooperation Rate:

$$\frac{1100 + 1200}{1100 + 1200 + \underline{2112} + \underline{2120} + \underline{2211} + \underline{2212} + \underline{4413} + 2320 + 2330}$$

### ACBS CASRO Rate:

$$\frac{1100 + 1200}{[1100 + 1200 + \underline{2112} + \underline{2120} + \underline{2211} + \underline{2212} + \underline{4413}] + P * [\text{Eligible lost}]}$$

### ACBS Refusal Rate:

$$\frac{\underline{2112} + \underline{2120} + \underline{2211} + \underline{2212} + \underline{4413}}{[1100 + 1200 + \underline{2120} + \underline{2211} + \underline{2212} + \underline{2112} + \underline{4413}] + P * [\text{Eligible lost}]}$$

Where:

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

$$\frac{[(1100+1200) + (\underline{2112} + \underline{2120} + \underline{2211} + \underline{2212})]}{[(1100+1200) + (\underline{2112} + \underline{2120} + \underline{2211} + \underline{2212}) + \underline{4405} + \underline{4700} + \underline{4411} + \underline{4471} + \underline{2291} + \underline{2290} + \underline{4480} + \underline{4490} + \underline{4491} + \underline{4412, 4800}]}$$

Eligible lost = 2111, 2210, 2320, 2330, 3100, 3130, 3140, 3200, 3322, 3330, 4100, 4900, 4306, 5050, 5100, 5111, 5112, 5120, 5130, 5140, 5220, 5320, 5330, 5550, 5560, 3150, 3700, 4200, 4300, 4400, 4430, 4450, 4460, 4470, 4500, 4510, 5400, 5150, 5200, 5300, 5599, 5700, 5900, 5999.

## ACBS Nonresponse Bias

The ACBS uses post-stratification weighting to ensure the sample conforms to the state estimated asthma population with respect to geography, age, sex, race, ethnicity, and other characteristics. Nonresponse bias, however, cannot be completely removed. In order to communicate the potential impact of nonresponse bias on the ACBS analysis results, in Appendix C two groups of tables are being provided (see Appendix C). The first group of tables present ACBS unweighted frequencies for respondents, non-respondents, and BRFSS-eligible asthma respondents by age, sex, and race/ethnicity demographic categories for each state. The second group of tables report current asthma prevalence (Appendix C). ACBS respondents are those respondents who completed or partially completed the interview. Nonresponse for the ACBS is influenced by eligible BRFSS respondents for which no interview was conducted such as: (1) refusals, terminations, and non-consent; (2) lost to follow-up due to non-contact or communication; and (3) lost to follow-up due to technological circumstances. BRFSS-eligible respondents are individuals on the BRFSS survey who answered, “Yes” to the question, “Has a doctor, nurse, or other health professional EVER told you that you had asthma?” A respondent is classified as current prevalence if that person also responded “Yes” to the question: “Do you still have asthma?”

**Appendix A:**  
**List of Tables in the 2024 BRFSS ACBS Summary Data Quality Report**

**Landline and Cell Phone Samples**

Table 1.1 ACBS 2024 Disposition Categories by State/Territory: Adult Landline and Cell Phone Sample

Table 1.2 ACBS 2024 Disposition Categories by State/Territory: Child Landline and Cell Phone Sample

Table 2.1 ACBS 2024 Response Rates by State/Territory: Adult Landline and Cell Phone Sample

Table 2.2 ACBS 2024 Response Rates by State/Territory: Child Landline and Cell Phone Sample

Table 3.1 ACBS 2024 Completed Interviews by State/Territory and Month: Adult Landline and Cell Phone Sample

Table 3.2 ACBS 2024 Completed Interviews by State/Territory and Month: Child Landline and Cell Phone Sample

**Note:**

In this document, the term "state" is used to refer to all areas participating in the ACBS

Table 1.1 ACBS 2024 Disposition Categories by State/Territory: Adult Landline Cell Phone Sample

State	BRFSS Asthma	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			
			Refused	BRFSS	TERE	Agreed				Contact	Technical				
Arizona	1297	595	45.88%	75	5.78%	627	48.34%	0	3	624	477	55	87	4	1
California	773	87	11.25%	0	0.00%	686	88.75%	0	0	686	449	26	211	0	0
Connecticut	1185	425	35.86%	87	7.34%	673	56.79%	0	11	662	447	67	143	1	4
Florida	1653	506	30.61%	209	12.64%	938	56.75%	0	39	899	596	91	197	8	7
Georgia	1041	246	23.63%	82	7.88%	713	68.49%	0	7	706	487	72	141	3	3
Indiana	1955	532	27.21%	292	14.94%	1131	57.85%	0	54	1077	802	93	164	11	7
Iowa	1046	115	10.99%	277	26.48%	654	62.52%	0	56	598	361	15	214	3	5
Illinois	1746	528	30.24%	202	11.57%	1016	58.19%	0	34	982	517	35	419	4	7
Kansas	1577	104	6.59%	390	24.73%	1083	68.67%	0	222	861	401	31	399	25	5
Kentucky	1345	967	71.90%	41	3.05%	337	25.06%	0	12	325	216	47	51	6	5
Maine	2216	379	17.10%	526	23.74%	1311	59.16%	0	71	1240	537	11	650	33	9
Maryland	2238	354	15.82%	364	16.26%	1520	67.92%	0	56	1464	1000	84	362	12	6
Massachusetts	1496	322	21.52%	235	15.71%	939	62.77%	0	27	912	504	29	358	15	6
Michigan	1862	460	24.70%	312	16.76%	1090	58.54%	0	27	1063	714	73	263	8	5
Minnesota	1965	402	20.46%	225	11.45%	1338	68.09%	0	18	1320	964	103	248	0	5
Missouri	984	71	7.22%	290	29.47%	623	63.31%	0	94	529	228	32	246	13	10
Nebraska	1530	108	7.06%	373	24.38%	1049	68.56%	0	39	1010	451	60	470	19	10
New Hampshire	1067	382	35.80%	86	8.06%	599	56.14%	0	1	598	481	52	63	0	2
New Jersey	1123	235	20.93%	68	6.06%	820	73.02%	0	11	809	575	86	144	0	4
New York*	1971	268	13.60%	96	4.87%	1607	81.53%	0	27	1580	1155	159	249	4	13
Ohio	1581	413	26.12%	248	15.69%	920	58.19%	0	36	884	537	62	270	9	6
Oregon	1137	152	13.37%	221	19.44%	764	67.19%	0	109	655	283	7	346	17	2
Rhode Island	930	277	29.78%	133	14.30%	520	55.91%	0	21	499	330	35	128	3	3
Texas	1727	381	22.06%	441	25.54%	905	52.40%	0	84	821	331	24	426	35	5
Utah	2068	252	12.19%	572	27.66%	1244	60.15%	0	60	1184	726	30	406	16	6
Vermont	1081	209	19.33%	178	16.47%	694	64.20%	0	39	655	446	52	150	6	1
Wisconsin	1256	409	32.56%	0	0.00%	847	67.44%	0	0	847	560	44	239	4	0
Puerto Rico	876	17	1.94%	154	17.58%	705	80.48%	0	44	661	321	21	250	47	22
<b>Total</b>	40726	9196	22.70%	6177	14.57%	25353	62.73%	0	1202	24151	14896	1496	7294	306	159

**Notes:**

\*States included only in version 1 of sample split: New York

States not included due to having less than 200 records: Hawaii, Mississippi, New Mexico

Table 1.2 ACBS 2024 Disposition Categories by State/Territory: Child Landline and Cell Phone Sample																
State	BRFSS Asthma	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					
States included in public release file because of having 75 or more completes																
Connecticut	204	58	28.43%	19	9.31%	127	62.25%	0	6	121	80	18	21	0	2	
Indiana	295	77	26.10%	26	8.81%	192	65.08%	0	19	173	115	20	36	1	1	
Michigan	207	22	10.63%	41	19.81%	144	69.57%	0	2	142	86	14	38	3	1	
Minnesota	218	17	7.80%	31	14.22%	170	77.98%	0	4	166	96	18	51	0	1	
New Jersey	228	35	15.35%	18	7.89%	175	76.75%	0	3	172	103	30	36	2	1	
New York*	271	26	9.59%	8	2.95%	237	87.45%	0	5	232	134	46	49	3	0	
States excluded from public release file because of less than 75 completes																
California	105	35	33.33%	0	0.00%	70	66.67%	0	0	70	30	4	36	0	0	
Florida	190	30	15.79%	19	10.00%	141	74.21%	0	5	136	57	18	38	2	0	
Georgia	141	11	7.80%	12	8.51%	118	83.69%	0	4	114	63	22	28	0	1	
Hawaii	148	29	19.59%	27	18.24%	92	62.16%	0	19	73	27	2	35	0	0	
Illinois	216	56	25.93%	17	7.87%	143	66.20%	0	0	143	57	11	69	0	0	
Kansas	256	62	24.22%	37	14.45%	157	61.33%	0	50	107	26	1	58	4	0	
Kentucky	148	10	6.76%	14	9.46%	124	83.78%	0	3	121	75	16	28	2	0	
Massachusetts	198	28	14.14%	27	13.64%	143	72.22%	0	9	134	65	12	55	1	1	
Maine	229	17	7.42%	64	27.95%	148	64.63%	0	0	148	55	1	86	5	1	
Missouri	146	27	18.49%	28	19.18%	91	62.33%	0	10	81	28	5	41	1	1	
Nebraska	223	31	13.90%	35	15.70%	157	70.40%	0	24	133	17	8	97	4	3	
New Hampshire	80	6	7.50%	7	8.75%	67	83.75%	0	2	65	33	16	12	0	0	
New Mexico	62	13	20.97%	14	22.58%	35	56.45%	0	7	28	2	2	17	0	1	
Ohio	182	19	10.44%	35	19.23%	128	70.33%	0	5	123	64	11	46	2	0	
Rhode Island	81	11	13.58%	8	9.88%	62	76.54%	0	3	59	30	5	23	1	0	
Texas	258	27	10.47%	75	29.07%	156	60.47%	0	18	138	30	5	97	6	0	
Utah	326	49	15.03%	70	21.47%	207	63.50%	0	42	165	69	4	73	3	3	
Vermont	142	18	12.68%	19	13.38%	105	73.94%	0	7	98	60	5	31	2	0	
Wisconsin	101	13	12.87%	0	0.00%	88	87.13%	0	0	88	50	9	28	1	0	
Puerto Rico	165	4	2.42%	23	13.94%	138	83.64%	0	34	104	33	4	35	8	2	
<b>State Total</b>	4820	731	15.05%	674	13.32%	3415	71.63%	0	281	3134	1485	307	1164	51	19	
<b>Notes:</b>																
*State included only in version 1 of sample split for children: New York																
States that did not collect child data: Arizona, Iowa, Maryland, Mississippi, and Oregon																

**Table 2.1 ACBS 2024 Response Rates by State/Territory: Adult Landline and Cell Phone Sample**

STATE	COMPLETION RATE	COOPERATION RATE	REFUSAL RATE	CASRO RATE
Arizona	89.66%	78.58%	20.01%	73.41%
California	94.53%	94.53%	3.98%	68.72%
Connecticut	86.96%	73.76%	22.69%	65.87%
Florida	86.75%	65.93%	29.71%	59.03%
Georgia	87.12%	75.98%	20.82%	65.83%
Indiana	89.61%	67.23%	29.79%	62.06%
Iowa	96.01%	55.11%	36.46%	45.08%
Illinois	93.66%	68.57%	24.63%	53.73%
Kansas	92.82%	48.72%	39.64%	37.76%
Kentucky	82.13%	70.59%	27.85%	68.35%
Maine	97.99%	49.95%	37.15%	37.15%
Maryland	92.25%	68.63%	26.07%	58.20%
Massachusetts	94.56%	64.04%	26.62%	50.81%
Michigan	90.72%	64.97%	30.42%	56.41%
Minnesota	90.35%	74.50%	22.32%	65.61%
Missouri	87.69%	41.45%	45.69%	32.35%
Nebraska	88.26%	50.96%	34.42%	35.85%
New Hampshire	90.24%	77.71%	21.05%	73.37%
New Jersey	86.99%	77.49%	18.48%	68.99%
New York*	87.90%	81.28%	15.79%	71.52%
Ohio	89.65%	63.33%	30.83%	53.40%
Oregon	97.59%	53.70%	32.51%	40.35%
Rhode Island	90.41%	65.48%	29.48%	57.92%
Texas	93.24%	40.51%	46.76%	33.29%
Utah	96.03%	54.67%	37.05%	44.68%
Vermont	89.56%	65.88%	29.49%	57.18%
Wisconsin	92.72%	92.72%	5.88%	74.78%
Puerto Rico	93.86%	64.59%	23.81%	43.67%
<b>TOTAL</b>	<b>91.05%</b>	<b>66.10%</b>	<b>27.48%</b>	<b>55.55%</b>

**Notes:**

\*States included only in version 1 of sample split: New York

States not included due to having less than 200 records: Hawaii, Mississippi, New Mexico

**Table 2.2 ACBS 2024 Response Rates by State/Territory: Child Landline and Cell Phone Sample**

STATE	COMPLETION RATE	COOPERATION RATE	REFUSAL RATE	CASRO RATE
<b>States included in public release file because of having 75 or more completes</b>				
<b>Connecticut</b>	81.63%	67.80%	28.56%	61.75%
<b>Indiana</b>	85.19%	70.55%	25.20%	63.00%
<b>Michigan</b>	86.00%	60.99%	31.65%	49.48%
<b>Minnesota</b>	84.21%	64.86%	26.10%	51.13%
<b>New Jersey</b>	77.44%	66.45%	26.61%	57.10%
<b>New York*</b>	74.44%	69.43%	23.24%	57.67%
<b>States excluded from public release file because of less than 75 completes</b>				
<b>California</b>	88.24%	88.24%	7.73%	57.98%
<b>Florida</b>	76.00%	60.00%	31.65%	48.76%
<b>Georgia</b>	74.12%	64.29%	28.20%	52.25%
<b>Hawaii</b>	93.10%	48.21%	42.77%	39.82%
<b>Illinois</b>	83.82%	67.06%	23.12%	47.07%
<b>Kansas</b>	96.30%	40.63%	50.90%	34.82%
<b>Kentucky</b>	82.42%	71.43%	22.86%	57.14%
<b>Massachusetts</b>	84.42%	61.90%	27.56%	45.94%
<b>Maine</b>	98.21%	45.83%	34.42%	29.12%
<b>Missouri</b>	84.85%	45.90%	41.65%	35.34%
<b>Nebraska</b>	68.00%	28.33%	48.30%	19.10%
<b>New Hampshire</b>	67.35%	58.93%	35.04%	50.27%
<b>New Mexico</b>	50.00%	11.11%	79.23%	9.90%
<b>Ohio</b>	85.33%	58.18%	31.43%	43.73%
<b>Rhode Island</b>	85.71%	65.22%	21.62%	49.88%
<b>Texas</b>	85.71%	25.42%	51.59%	19.35%
<b>Utah</b>	94.52%	48.25%	42.57%	39.70%
<b>Vermont</b>	92.31%	71.43%	22.26%	55.64%
<b>Wisconsin</b>	84.75%	84.75%	10.87%	60.41%
<b>Puerto Rico</b>	89.19%	55.00%	35.49%	43.38%
<b>Total</b>	82.82%	57.70%	32.72%	45.37%
<b>Notes:</b>				
*State included only in version 1 of sample split for children: New York				
States that did not collect child data: Arizona, Iowa, Maryland, Mississippi, and Oregon				

Table 3.1 ACBS 2024 Completed Interviews by State/Territory and Month: Adult Landline and Cell Phone Sample

STATE	2024												2025				TOTAL
	2024JAN	2024FEB	2024MAR	2024APR	2024MAY	2024JUN	2024JUL	2024AUG	2024SEP	2024OCT	2024NOV	2024DEC	2025JAN	2025FEB	2025MAR	2025APR	
Arizona	.	.	.	.	3	241	199	8	22	5	.	.	.	.	.	.	478
California	.	1	88	66	73	5	59	39	44	29	22	23	.	.	.	.	449
Connecticut	.	.	.	74	109	96	44	.	.	.	.	6	118	.	.	.	447
Florida	48	75	25	62	91	65	64	92	35	39	.	.	.	.	.	.	596
Georgia	7	54	36	31	56	64	63	39	22	50	36	19	11	.	.	.	488
Illinois	.	32	33	47	31	38	85	55	29	43	46	22	50	6	1	.	518
Indiana	14	64	14	47	51	129	67	39	60	88	93	138	.	.	.	.	804
Iowa	8	37	34	22	23	47	43	32	26	36	32	22	.	.	.	.	362
Kansas	.	.	26	13	.	.	.	71	70	36	13	52	35	27	59	.	402
Kentucky	.	.	41	81	92	1	.	.	.	.	.	.	1	.	.	.	216
Maine	.	51	94	22	65	53	35	51	25	51	35	17	39	.	.	.	538
Maryland	70	97	93	66	98	136	92	101	48	61	89	50	.	.	.	.	1001
Massachusetts	.	80	127	52	36	30	26	19	20	34	32	40	8	.	.	.	504
Michigan	7	119	42	59	75	68	99	66	42	49	35	37	16	.	.	.	714
Minnesota	.	.	210	134	71	135	119	137	19	46	44	48	1	.	.	.	964
Missouri	.	.	29	27	46	22	17	13	14	16	18	1	19	7	.	.	229
Nebraska	.	.	9	60	57	50	22	44	26	29	60	14	72	8	.	.	451
New Hampshire	.	60	50	60	59	100	53	46	35	19	.	.	.	.	.	.	482
New Jersey	15	61	49	24	58	62	54	65	27	53	46	40	22	.	.	.	576
New York*	2	116	86	75	74	4	58	157	195	109	125	108	49	.	.	.	1158
Ohio	.	5	67	76	95	164	43	21	6	26	23	6	5	.	.	.	537
Oregon	.	91	48	14	18	14	30	28	10	19	11	.	.	.	.	.	283
Rhode Island	3	63	32	26	33	23	56	40	6	35	13	.	.	.	.	.	330
Texas	.	57	20	3	.	27	92	34	66	22	10	.	.	.	.	.	331
Utah	.	.	.	64	122	49	55	55	56	74	80	52	79	34	6	.	726
Vermont	20	39	21	46	97	65	32	32	12	40	38	2	2	.	.	.	446
Wisconsin	.	3	44	33	63	93	40	47	76	76	74	11	.	.	.	.	560
Puerto Rico	.	.	.	.	.	20	72	35	25	42	22	.	.	.	85	20	321
STATE TOTAL RELEASE	194	1105	1318	1284	1596	1774	1554	1424	984	1171	1009	718	527	82	151	20	14911

## Notes:

\*States included only in version 1 of sample split: New York

States not included due to having less than 200 records: Hawaii, Mississippi, New Mexico

**Table 3.2 ACBS 2024 Completed Interviews by State/Territory and Month: Child Landline and Cell Phone Sample**

Table 3.2 ACBS 2024 Completed Interviews by State/Territory and Month: Child Landline and Cell Phone Sample

STATE	2024												2025					TOTAL
	2024JAN	2024FEB	2024MAR	2024APR	2024MAY	2024JUN	2024JUL	2024AUG	2024SEP	2024OCT	2024NOV	2024DEC	2025JAN	2025FEB	2025MAR	2025APR	2025May	
States included in public release file because of having 75 or more completes																		
Connecticut	.	.	.	8	11	25	8	.	.	.	.	.	26	.	.	.	.	78
Indiana	.	12	3	4	6	16	8	6	7	14	11	27	.	.	.	.	.	114
Michigan	.	15	8	5	8	12	14	6	2	10	3	2	1	.	.	.	.	86
Minnesota	.	.	18	12	7	15	8	21	5	2	5	3	.	.	.	.	.	96
New Jersey	3	15	7	2	5	8	12	5	8	12	13	8	4	.	.	.	.	102
New York*	.	11	12	8	8	1	6	21	22	8	17	10	8	.	.	.	.	132
States excluded from public release file because of less than 75 completes																		
California	.	1	7	4	5	1	2	1	3	.	2	4	.	.	.	.	.	30
Florida	5	6	1	7	9	8	2	11	3	5	.	.	.	.	.	.	.	57
Georgia	.	7	5	4	5	6	15	4	1	8	2	3	2	.	.	.	.	62
Hawaii	.	.	.	9	1	2	.	3	6	.	.	1	4	1	.	.	.	27
Illinois	.	.	10	13	3	1	5	6	6	3	4	1	4	1	.	.	.	57
Kansas	.	.	.	.	.	.	.	7	9	5	1	4	.	.	.	.	.	26
Kentucky	.	.	5	13	13	9	3	7	11	.	7	1	5	.	.	.	.	74
Massachusetts	.	8	20	1	.	3	3	1	4	10	6	6	3	.	.	.	.	65
Maine	.	5	14	1	8	6	3	4	.	3	6	2	3	.	.	.	.	55
Missouri	.	.	.	.	11	1	3	2	1	1	3	2	4	.	.	.	.	28
Nebraska	.	.	.	.	10	6	1	.	.	.	.	.	.	.	.	.	.	17
New Hampshire	.	5	4	5	2	7	.	2	2	3	.	1	.	.	.	.	.	31
New Mexico	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	2
Ohio	.	1	15	8	8	18	5	4	1	2	2	.	.	.	.	.	.	64
Rhode Island	.	7	3	3	1	3	1	8	1	1	2	.	.	.	.	.	.	30
Texas	.	2	3	.	.	.	5	10	5	5	.	.	.	.	.	.	.	30
Utah	.	.	.	.	17	11	8	4	10	18	1	.	.	.	.	.	.	69
Vermont	5	7	4	5	16	6	6	.	5	6	.	.	.	.	.	.	.	60
Wisconsin	.	.	3	5	6	3	5	2	7	7	11	1	.	.	.	.	.	50
Puerto Rico	.	.	.	.	.	.	1	16	3	.	5	.	.	2	4	2	33	
State Total Release	13	102	142	117	161	169	124	151	117	122	107	76	64	2	2	4	2	1475

Appendix A

Note:

\*State included only in version 1 of sample split for children: New York

States that did not collect child data: Arizona, Iowa, Maryland, Mississippi, and Oregon

## Appendix B: 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 Summary Data Quality Report for each survey year [CDC - BRFSS Annual Survey Data](#).

### I. Eligible, contacted: complete interview

1100 Complete

*Definition:* Respondent completes the ACBS interview through the last question.

1200 Partial complete

*Definition:* Respondent completes the ACBS interview at least through the end of Section 8 (medications).

### II. Eligible, contacted: refusal or termination

**4413** 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 4413.

**2112** 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 2112.

**2120** 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 2120.

**2211** 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 2211.

**2212** 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 2212.

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

**4306** 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 4306.

Refer to the Annual Survey Data and Documentation for each survey year for the definitions of all other codes in this category  
[\(http://www.cdc.gov/brfss/annual\\_data/annual\\_data.htm\).](http://www.cdc.gov/brfss/annual_data/annual_data.htm)

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

**9999** Missing disposition code.

Refer to the Annual Survey Data and Documentation for each survey year for the definitions of all codes in this category  
[\(http://www.cdc.gov/brfss/annual\\_data/annual\\_data.htm\).](http://www.cdc.gov/brfss/annual_data/annual_data.htm)

### **V. Ineligible**

**2290** The person the most knowledgeable about the selected child with asthma is not the parent or legal guardian (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). The ACBS child protocol allows a parent or guardian to transfer the interview to a more knowledgeable proxy respondent. If the BRFSS respondent is not the parent or guardian of the selected child with asthma, but the parent or guardian is present to transfer to the person most knowledgeable about the child's health, but the most knowledgeable person is not available, then the child is ineligible for the ACBS. The child record is assigned disposition code 2290

**2291** 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 there is no parent or guardian of the selected child with asthma in the household, the child is ineligible for the ACBS. The child record is assigned disposition code 2291.

**4405** 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, the respondent is not eligible for the ACBS if either the new state or the old state is not participating in record transfers, and the record is assigned disposition code 4405.

**4700** 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 4700.

**4411** 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 4411.

**4412** 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 who agree should be called for the ACBS interview, but if a respondent eligible to be called is transferred from BRFSS to the ACBS but never called, then the record is assigned disposition code 4412.

**4471** 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. The initial diagnosis, however, 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 4471.

**4480** 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 4480.

**4490** 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 4490.

**4491** 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 4491.

**4800** Not recruited for call-back

*Definition:* If the state has reached its already agreed upon maximum number of participants, then no further respondents will be called.

## **Appendix C: Asthma Call-back Survey (ACBS) Non-response Bias Analysis**

Two sets of data tables follow for adult and child participants. The first table reports ACBS unweighted frequencies for respondents, non-respondents, and BRFSS-eligible asthma respondents by age, sex, and race/ethnicity demographic categories for each state. The second table reports estimated current asthma percentage among individuals who have ever been diagnosed with asthma.

Table 1A. Percentage of ACBS adult respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory

Table 1B. Percentage of ACBS child respondents (0-17 years), non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory

Table 2A. Estimated percentage of current asthma status among adults ever diagnosed with asthma by state/territory

Table 2B. Estimated percentage of current asthma status among children (0-17 years) ever diagnosed with asthma by state/territory

**Notes:**

For tables in Appendix C denominator excludes: Respondents with do not know/refused/missing responses.

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
		Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
States/areas total	Male	15,602	37.9	9,957,330	39.9	9,194	37.3	6,408	38.8	10,902,258	40.4
	Female	25,585	62.1	14,982,357	60.1	15,459	62.7	10,126	61.2	16,115,204	59.6
	Age 18 to 24	2,868	7.1	3,198,265	13	1,732	7.2	1,136	6.9	3,508,481	13.1
	Age 25 to 34	4,862	12	4,279,821	17.4	3,008	12.4	1,854	11.3	4,557,627	17
	Age 35 to 44	5,817	14.3	4,048,033	16.5	3,757	15.5	2,060	12.6	4,505,295	16.8
	Age 45 to 54	5,925	14.6	3,638,124	14.8	3,745	15.5	2,180	13.3	4,157,365	15.5
	Age 55 to 64	7,461	18.4	4,146,559	16.9	4,272	17.7	3,189	19.5	4,449,852	16.6
	Age 65 or older	13,630	33.6	5,289,476	21.5	7,671	31.7	5,959	36.4	5,638,789	21
	White - Non-Hispanic	30,058	74.3	14,412,659	58.9	17,663	73.2	12,395	76	16,490,515	62
	Black - Non-Hispanic	3,270	8.1	3,040,018	12.4	2,005	8.3	1,265	7.8	2,828,721	10.6
	Other race only, Non-Hispanic	1,434	3.5	1,514,199	6.2	907	3.8	527	3.2	1,789,500	6.7
	Multiracial, Non-Hispanic	1,150	2.8	878,035	3.6	662	2.7	488	3	1,003,984	3.8
	Hispanic	4,531	11.2	4,626,120	18.9	2,906	12	1,625	10	4,490,817	16.9
Arizona	Male	476	36.7	362,103	42.4	278	36.3	198	37.2	362,103	42.4
	Female	821	63.3	491,211	57.6	487	63.7	334	62.8	491,480	57.6
	Age 18 to 24	69	5.5	92,928	11.1	38	5.1	31	5.9	94,821	11.3
	Age 25 to 34	127	10	148,208	17.7	78	10.5	49	9.4	146,316	17.4
	Age 35 to 44	165	13	130,084	15.5	100	13.5	65	12.4	131,263	15.6
	Age 45 to 54	174	13.8	128,647	15.4	97	13.1	77	14.7	129,525	15.4
	Age 55 to 64	236	18.7	135,310	16.2	137	18.5	99	18.9	136,125	16.2
	Age 65 or older	494	39.1	201,761	24.1	291	39.3	203	38.7	202,328	24.1
	White - Non-Hispanic	840	66.1	477,342	57.2	479	64.6	361	68.4	498,710	58.9
	Black - Non-Hispanic	33	2.6	50,065	6	16	2.2	17	3.2	75,206	8.9
	Other race only, Non-Hispanic	117	9.2	60,795	7.3	70	9.4	47	8.9	63,473	7.5
	Multiracial, Non-Hispanic	45	3.5	32,226	3.9	28	3.8	17	3.2	20,390	2.4
	Hispanic	235	18.5	214,544	25.7	149	20.1	86	16.3	188,847	22.3
California	Male	294	38	936,381	39.7	95	31.8	199	41.9	1,563,292	41.8
	Female	480	62	1,421,321	60.3	204	68.2	276	58.1	2,173,921	58.2
	Age 18 to 24	58	7.5	258,272	11	18	6.1	40	8.4	407,342	10.9
	Age 25 to 34	94	12.2	424,500	18	26	8.8	68	14.3	620,081	16.6
	Age 35 to 44	77	10	334,004	14.2	32	10.8	45	9.5	654,770	17.5
	Age 45 to 54	66	8.6	294,966	12.5	31	10.5	35	7.4	585,590	15.7
	Age 55 to 64	135	17.5	464,652	19.7	40	13.5	95	20	681,728	18.2
	Age 65 or older	341	44.2	580,969	24.6	149	50.3	192	40.4	787,702	21.1
	White - Non-Hispanic	447	59	915,228	39.7	170	58.8	277	59.2	1,583,508	43.2
	Black - Non-Hispanic	58	7.7	141,769	6.1	29	10	29	6.2	147,340	4
	Other race only, Non-Hispanic	58	7.7	408,532	17.7	17	5.9	41	8.8	844,896	23.1
	Multiracial, Non-Hispanic	32	4.2	134,576	5.8	8	2.8	24	5.1	185,713	5.1
	Hispanic	162	21.4	706,173	30.6	65	22.5	97	20.7	901,421	24.6

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
		Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Connecticut	Male	415	35	166,602	36.2	226	33.7	189	36.8	166,602	36.2
	Female	770	65	293,981	63.8	445	66.3	325	63.2	293,981	63.8
	Age 18 to 24	73	6.3	61,209	13.8	42	6.5	31	6.1	61,209	13.4
	Age 25 to 34	147	12.7	72,639	16.4	93	14.3	54	10.6	72,639	15.9
	Age 35 to 44	206	17.8	79,177	17.9	114	17.5	92	18.1	79,177	17.3
	Age 45 to 54	190	16.4	62,932	14.2	111	17.1	79	15.6	71,258	15.6
	Age 55 to 64	238	20.6	76,169	17.2	135	20.8	103	20.3	77,594	17
	Age 65 or older	304	26.3	90,999	20.5	155	23.8	149	29.3	95,066	20.8
	White - Non-Hispanic	750	65.3	283,220	63.2	392	60.3	358	71.9	298,408	66.5
	Black - Non-Hispanic	128	11.1	57,042	12.7	80	12.3	48	9.6	43,220	9.6
	Other race only, Non-Hispanic	37	3.2	16,474	3.7	21	3.2	16	3.2	15,230	3.4
	Multiracial, Non-Hispanic	20	1.7	8,127	1.8	10	1.5	10	2	9,897	2.2
	Hispanic	213	18.6	82,942	18.5	147	22.6	66	13.3	81,785	18.2
Florida	Male	553	33.5	685,992	35.3	318	32.9	235	34.2	685,992	35.3
	Female	1,100	66.5	1,258,228	64.7	648	67.1	452	65.8	1,258,228	64.7
	Age 18 to 24	94	5.8	195,580	10.2	47	4.9	47	7	195,580	10.2
	Age 25 to 34	155	9.5	261,483	13.6	87	9.1	68	10.1	261,483	13.6
	Age 35 to 44	169	10.4	314,400	16.4	106	11.1	63	9.3	314,457	16.3
	Age 45 to 54	203	12.5	328,569	17.1	125	13.1	78	11.5	335,309	17.4
	Age 55 to 64	300	18.4	348,862	18.2	178	18.7	122	18	342,800	17.8
	Age 65 or older	709	43.5	472,994	24.6	411	43.1	298	44.1	474,536	24.7
	White - Non-Hispanic	1,188	73.2	979,404	51.2	675	71.3	513	75.8	1,062,600	55.5
	Black - Non-Hispanic	161	9.9	297,003	15.5	103	10.9	58	8.6	243,241	12.7
	Other race only, Non-Hispanic	53	3.3	67,768	3.5	38	4	15	2.2	50,642	2.6
	Multiracial, Non-Hispanic	46	2.8	64,937	3.4	26	2.7	20	3	91,433	4.8
	Hispanic	176	10.8	502,722	26.3	105	11.1	71	10.5	466,216	24.4
Georgia	Male	350	33.6	466,604	40.2	150	31.1	200	35.8	473,124	40.5
	Female	691	66.4	695,245	59.8	332	68.9	359	64.2	696,079	59.5
	Age 18 to 24	75	7.4	178,344	15.6	34	7.2	41	7.5	178,344	15.4
	Age 25 to 34	108	10.6	172,337	15.1	51	10.9	57	10.4	172,745	15
	Age 35 to 44	137	13.5	216,705	19	74	15.8	63	11.5	219,454	19
	Age 45 to 54	128	12.6	169,615	14.9	63	13.4	65	11.9	178,866	15.5
	Age 55 to 64	174	17.1	186,930	16.4	73	15.6	101	18.5	187,389	16.2
	Age 65 or older	393	38.7	215,925	18.9	174	37.1	219	40.1	218,479	18.9
	White - Non-Hispanic	574	56.6	567,692	50	237	50.4	337	61.8	608,246	52.9
	Black - Non-Hispanic	305	30	377,604	33.3	162	34.5	143	26.2	335,525	29.2
	Other race only, Non-Hispanic	39	3.8	62,484	5.5	23	4.9	16	2.9	52,313	4.5
	Multiracial, Non-Hispanic	35	3.4	39,002	3.4	17	3.6	18	3.3	45,181	3.9
	Hispanic	62	6.1	87,818	7.7	31	6.6	31	5.7	109,180	9.5

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
		Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Illinois	Male	717	41.1	576,804	39.7	467	39.1	250	45.3	578,590	39.8
	Female	1,029	58.9	875,230	60.3	727	60.9	302	54.7	875,230	60.2
	Age 18 to 24	145	8.4	203,199	14.1	96	8.1	49	8.9	203,199	14
	Age 25 to 34	249	14.4	224,800	15.6	176	14.9	73	13.2	226,362	15.6
	Age 35 to 44	284	16.4	242,302	16.8	219	18.5	65	11.8	243,002	16.7
	Age 45 to 54	271	15.6	212,808	14.7	190	16.1	81	14.7	219,812	15.1
	Age 55 to 64	306	17.6	247,036	17.1	195	16.5	111	20.1	247,961	17.1
	Age 65 or older	479	27.6	313,484	21.7	307	26	172	31.2	313,484	21.6
	White - Non-Hispanic	1,112	64.2	859,447	59.9	754	63.8	358	65.1	894,960	61.7
	Black - Non-Hispanic	270	15.6	273,074	19	191	16.2	79	14.4	243,714	16.8
	Other race only, Non-Hispanic	87	5	93,281	6.5	59	5	28	5.1	89,596	6.2
	Multiracial, Non-Hispanic	28	1.6	30,239	2.1	21	1.8	7	1.3	39,778	2.7
	Hispanic	235	13.6	179,788	12.5	157	13.3	78	14.2	182,432	12.6
Indiana	Male	726	37.1	331,289	40.7	403	38	323	36.1	331,324	40.7
	Female	1,229	62.9	482,889	59.3	657	62	572	63.9	483,320	59.3
	Age 18 to 24	141	7.3	135,652	16.8	60	5.7	81	9.1	135,652	16.7
	Age 25 to 34	222	11.5	137,462	17	115	11	107	12	137,462	17
	Age 35 to 44	298	15.4	132,369	16.4	174	16.7	124	14	132,020	16.3
	Age 45 to 54	293	15.2	111,600	13.8	169	16.2	124	14	113,230	14
	Age 55 to 64	342	17.7	118,677	14.7	203	19.4	139	15.7	119,507	14.8
	Age 65 or older	637	33	171,959	21.3	324	31	313	35.2	172,234	21.3
	White - Non-Hispanic	1,523	79.2	616,040	76.8	817	78.6	706	79.9	633,846	78.6
	Black - Non-Hispanic	202	10.5	85,371	10.6	119	11.4	83	9.4	75,725	9.4
	Other race only, Non-Hispanic	37	1.9	16,678	2.1	20	1.9	17	1.9	15,320	1.9
	Multiracial, Non-Hispanic	59	3.1	41,068	5.1	33	3.2	26	2.9	39,122	4.9
	Hispanic	103	5.4	42,779	5.3	51	4.9	52	5.9	42,462	5.3
Iowa	Male	411	39.3	127,474	40.7	259	38.7	152	40.4	127,474	40.7
	Female	635	60.7	185,599	59.3	411	61.3	224	59.6	185,613	59.3
	Age 18 to 24	107	10.3	48,613	15.7	83	12.5	24	6.4	43,950	14.2
	Age 25 to 34	130	12.5	52,996	17.1	92	13.9	38	10.2	57,658	18.6
	Age 35 to 44	176	17	56,709	18.3	117	17.6	59	15.8	56,762	18.3
	Age 45 to 54	152	14.7	44,306	14.3	101	15.2	51	13.6	42,888	13.8
	Age 55 to 64	161	15.5	44,587	14.4	90	13.6	71	19	45,324	14.6
	Age 65 or older	311	30	63,184	20.4	180	27.1	131	35	63,198	20.4
	White - Non-Hispanic	808	78.4	260,680	84.8	495	74.9	313	84.8	271,891	89.2
	Black - Non-Hispanic	69	6.7	15,148	4.9	46	7	23	6.2	11,963	3.9
	Other race only, Non-Hispanic	17	1.7	6,465	2.1	13	2	4	1.1	2,674	0.9
	Multiracial, Non-Hispanic	30	2.9	10,577	3.4	19	2.9	11	3	12,532	4.1
	Hispanic	106	10.3	14,445	4.7	88	13.3	18	4.9	5,841	1.9

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
		Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Kansas	Male	659	41.8	143,672	42.1	487	42.5	172	39.8	143,921	42.1
	Female	918	58.2	197,674	57.9	658	57.5	260	60.2	197,879	57.9
	Age 18 to 24	148	9.5	57,008	16.9	114	10.1	34	7.9	57,008	16.9
	Age 25 to 34	204	13.1	59,677	17.7	161	14.3	43	10	62,444	18.5
	Age 35 to 44	274	17.6	66,813	19.8	212	18.8	62	14.4	64,899	19.2
	Age 45 to 54	267	17.1	51,371	15.2	197	17.4	70	16.2	52,832	15.6
	Age 55 to 64	238	15.3	44,985	13.3	165	14.6	73	16.9	45,297	13.4
	Age 65 or older	429	27.5	57,958	17.2	280	24.8	149	34.6	55,112	16.3
	White - Non-Hispanic	1,270	81.6	249,709	74.1	908	80.4	362	84.8	275,762	81.3
	Black - Non-Hispanic	76	4.9	21,984	6.5	56	5	20	4.7	20,637	6.1
	Other race only, Non-Hispanic	62	4	17,241	5.1	47	4.2	15	3.5	15,149	4.5
	Multiracial, Non-Hispanic	54	3.5	15,739	4.7	41	3.6	13	3	10,742	3.2
	Hispanic	94	6	32,457	9.6	77	6.8	17	4	16,804	5
Kentucky	Male	490	36.4	268,049	41.8	388	35.9	102	38.8	268,049	41.8
	Female	855	63.6	372,665	58.2	694	64.1	161	61.2	372,665	58.2
	Age 18 to 24	84	6.3	74,978	11.8	66	6.2	18	6.9	83,252	13
	Age 25 to 34	144	10.9	108,021	17	113	10.6	31	11.8	99,747	15.6
	Age 35 to 44	184	13.9	106,089	16.7	154	14.5	30	11.5	102,847	16.1
	Age 45 to 54	208	15.7	92,415	14.6	168	15.8	40	15.3	99,802	15.6
	Age 55 to 64	292	22	121,010	19.1	226	21.2	66	25.2	121,010	18.9
	Age 65 or older	414	31.2	131,171	20.7	337	31.7	77	29.4	134,055	20.9
	White - Non-Hispanic	1,126	85.2	515,410	82.1	896	84.3	230	88.8	558,104	88.6
	Black - Non-Hispanic	98	7.4	56,200	8.9	83	7.8	15	5.8	40,038	6.4
	Other race only, Non-Hispanic	26	2	11,003	1.8	23	2.2	3	1.2	7,407	1.2
	Multiracial, Non-Hispanic	39	3	27,629	4.4	32	3	7	2.7	21,159	3.4
	Hispanic	33	2.5	17,909	2.9	29	2.7	4	1.5	3,137	0.5
Maine	Male	763	34.4	81,732	37.1	564	33.8	199	36.3	81,732	37
	Female	1,453	65.6	138,831	62.9	1,104	66.2	349	63.7	138,898	63
	Age 18 to 24	102	4.7	22,949	10.6	79	4.8	23	4.2	22,949	10.5
	Age 25 to 34	228	10.5	37,568	17.3	182	11.1	46	8.5	37,568	17.1
	Age 35 to 44	302	13.9	40,424	18.6	238	14.6	64	11.8	40,424	18.4
	Age 45 to 54	324	14.9	32,870	15.2	265	16.2	59	10.9	33,906	15.5
	Age 55 to 64	421	19.3	34,674	16	311	19	110	20.3	35,523	16.2
	Age 65 or older	800	36.7	48,459	22.3	559	34.2	241	44.4	49,061	22.4
	White - Non-Hispanic	1,991	91.7	190,913	88.1	1,492	91.4	499	92.4	189,406	87.8
	Black - Non-Hispanic	18	0.8	2,970	1.4	16	1	2	0.4	1,160	0.5
	Other race only, Non-Hispanic	49	2.3	5,938	2.7	39	2.4	10	1.9	4,674	2.2
	Multiracial, Non-Hispanic	74	3.4	11,445	5.3	54	3.3	20	3.7	14,076	6.5
	Hispanic	40	1.8	5,420	2.5	31	1.9	9	1.7	6,356	2.9

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

		BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Maryland	Male	840	37.5	326,977	41.7	419	36.3	421	38.8	327,182	41.7
	Female	1,398	62.5	456,908	58.3	735	63.7	663	61.2	456,939	58.3
	Age 18 to 24	134	6.1	112,242	14.6	50	4.5	84	7.9	112,242	14.5
	Age 25 to 34	246	11.2	150,098	19.6	131	11.7	115	10.7	150,303	19.5
	Age 35 to 44	293	13.4	121,802	15.9	180	16.1	113	10.6	123,442	16
	Age 45 to 54	315	14.4	111,661	14.6	147	13.1	168	15.7	116,622	15.1
	Age 55 to 64	410	18.7	118,814	15.5	212	18.9	198	18.5	119,032	15.4
	Age 65 or older	793	36.2	151,802	19.8	401	35.8	392	36.6	150,665	19.5
	White - Non-Hispanic	1,413	64.3	355,237	46.3	708	62.5	705	66.1	366,184	48
	Black - Non-Hispanic	498	22.6	276,396	36	281	24.8	217	20.3	264,440	34.7
	Other race only, Non-Hispanic	87	4	49,079	6.4	49	4.3	38	3.6	48,539	6.4
	Multiracial, Non-Hispanic	66	3	26,030	3.4	29	2.6	37	3.5	25,751	3.4
	Hispanic	135	6.1	61,079	8	65	5.7	70	6.6	57,979	7.6
Massachusetts	Male	616	41.2	399,045	42.2	406	42.2	210	39.4	399,045	42.2
	Female	880	58.8	546,910	57.8	557	57.8	323	60.6	546,910	57.8
	Age 18 to 24	114	7.8	127,972	13.9	79	8.5	35	6.7	127,972	14
	Age 25 to 34	203	14	162,538	17.6	138	14.9	65	12.4	163,067	17.9
	Age 35 to 44	209	14.4	158,701	17.2	157	16.9	52	9.9	149,298	16.4
	Age 45 to 54	193	13.3	125,567	13.6	142	15.3	51	9.7	118,994	13
	Age 55 to 64	262	18	143,008	15.5	157	16.9	105	20	148,142	16.2
	Age 65 or older	472	32.5	203,511	22.1	256	27.6	216	41.2	205,511	22.5
	White - Non-Hispanic	1,057	72.1	642,321	69.1	646	68.5	411	78.4	684,982	74
	Black - Non-Hispanic	83	5.7	55,963	6	55	5.8	28	5.3	74,446	8
	Other race only, Non-Hispanic	82	5.6	72,193	7.8	65	6.9	17	3.2	43,339	4.7
	Multiracial, Non-Hispanic	36	2.5	33,711	3.6	20	2.1	16	3.1	45,234	4.9
	Hispanic	209	14.2	125,139	13.5	157	16.6	52	9.9	77,113	8.3
Michigan	Male	665	35.7	525,136	38.3	381	35.4	284	36.1	525,136	38.1
	Female	1,197	64.3	847,721	61.7	694	64.6	503	63.9	851,595	61.9
	Age 18 to 24	109	5.9	170,132	12.5	58	5.5	51	6.5	173,678	12.7
	Age 25 to 34	198	10.8	227,419	16.8	127	12	71	9.1	227,419	16.6
	Age 35 to 44	255	13.9	251,388	18.5	158	15	97	12.4	251,388	18.3
	Age 45 to 54	257	14	213,582	15.7	159	15.1	98	12.5	222,824	16.2
	Age 55 to 64	372	20.3	229,897	16.9	222	21.1	150	19.2	229,939	16.8
	Age 65 or older	644	35.1	264,585	19.5	330	31.3	314	40.2	267,462	19.5
	White - Non-Hispanic	1,455	80.1	958,381	71.5	825	79	630	81.6	1,007,367	74.5
	Black - Non-Hispanic	199	11	209,570	15.6	123	11.8	76	9.8	188,453	13.9
	Other race only, Non-Hispanic	47	2.6	38,705	2.9	30	2.9	17	2.2	27,695	2
	Multiracial, Non-Hispanic	61	3.4	60,005	4.5	30	2.9	31	4	79,562	5.9
	Hispanic	54	3	72,909	5.4	36	3.4	18	2.3	48,507	3.6

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

		BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents			Non-Respondents		Respondents				
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Minnesota	Male	834	42.4	237,046	40.4	375	41.8	459	43	237,046	40.4
	Female	1,131	57.6	349,911	59.6	523	58.2	608	57	349,911	59.6
	Age 18 to 24	125	6.5	78,471	13.7	54	6.2	71	6.7	78,471	13.5
	Age 25 to 34	231	12	95,983	16.7	96	11	135	12.8	95,983	16.6
	Age 35 to 44	336	17.4	114,945	20	174	19.9	162	15.4	115,209	19.9
	Age 45 to 54	292	15.2	83,285	14.5	164	18.8	128	12.2	86,127	14.9
	Age 55 to 64	347	18	86,476	15.1	149	17.1	198	18.8	87,836	15.2
	Age 65 or older	595	30.9	115,373	20.1	236	27	359	34.1	115,580	20
	White - Non-Hispanic	1,599	82.8	458,027	79.3	720	81.5	879	83.8	466,582	80.4
	Black - Non-Hispanic	100	5.2	39,935	6.9	53	6	47	4.5	35,700	6.2
	Other race only, Non-Hispanic	76	3.9	32,354	5.6	36	4.1	40	3.8	24,867	4.3
	Multiracial, Non-Hispanic	64	3.3	24,314	4.2	23	2.6	41	3.9	33,291	5.7
	Hispanic	93	4.8	23,122	4	51	5.8	42	4	19,957	3.4
Missouri	Male	382	38.8	259,119	41.4	276	38.1	106	40.8	259,119	41.3
	Female	602	61.2	367,399	58.6	448	61.9	154	59.2	368,416	58.7
	Age 18 to 24	111	11.5	93,525	15.2	87	12.3	24	9.3	76,393	12.3
	Age 25 to 34	136	14.1	106,894	17.4	108	15.3	28	10.9	113,138	18.2
	Age 35 to 44	138	14.3	99,118	16.1	111	15.7	27	10.5	111,121	17.9
	Age 45 to 54	135	14	91,593	14.9	99	14	36	14	98,664	15.9
	Age 55 to 64	158	16.4	94,145	15.3	102	14.5	56	21.8	94,145	15.1
	Age 65 or older	284	29.5	128,475	20.9	198	28.1	86	33.5	128,479	20.7
	White - Non-Hispanic	754	78.1	459,409	75.1	549	77.4	205	80.1	484,732	79
	Black - Non-Hispanic	146	15.1	90,425	14.8	107	15.1	39	15.2	96,526	15.7
	Other race only, Non-Hispanic	32	3.3	37,621	6.2	25	3.5	7	2.7	24,962	4.1
	Hispanic	33	3.4	23,919	3.9	28	3.9	5	2	7,753	1.3
Nebraska	Male	662	43.3	92,157	46.1	435	42.7	227	44.4	92,157	46.1
	Female	868	56.7	107,891	53.9	584	57.3	284	55.6	107,928	53.9
	Age 18 to 24	141	9.3	33,408	16.8	108	10.7	33	6.5	30,964	15.5
	Age 25 to 34	174	11.4	34,162	17.2	129	12.8	45	8.8	36,606	18.4
	Age 35 to 44	219	14.4	34,397	17.3	163	16.1	56	11	34,470	17.3
	Age 45 to 54	204	13.4	26,134	13.1	124	12.3	80	15.7	26,442	13.3
	Age 55 to 64	260	17.1	33,686	16.9	155	15.3	105	20.6	33,701	16.9
	Age 65 or older	522	34.3	36,978	18.6	332	32.8	190	37.3	37,014	18.6
	White - Non-Hispanic	1,260	83	150,194	76.1	828	82	432	85	155,765	78.6
	Black - Non-Hispanic	67	4.4	15,545	7.9	50	5	17	3.3	10,873	5.5
	Other race only, Non-Hispanic	33	2.2	7,501	3.8	23	2.3	10	2	6,745	3.4
	Multiracial, Non-Hispanic	37	2.4	8,798	4.5	22	2.2	15	3	8,338	4.2
	Hispanic	121	8	15,434	7.8	87	8.6	34	6.7	16,479	8.3

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
		Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
New Hampshire	Male	384	36	83,652	42.1	196	36.7	188	35.3	83,652	42.1
	Female	683	64	115,086	57.9	338	63.3	345	64.7	115,250	57.9
	Age 18 to 24	22	2.1	16,074	8.2	11	2.1	11	2.1	17,619	8.9
	Age 25 to 34	79	7.5	40,712	20.7	47	9	32	6.1	39,167	19.7
	Age 35 to 44	97	9.2	34,239	17.4	38	7.3	59	11.2	34,239	17.3
	Age 45 to 54	113	10.8	31,806	16.2	59	11.3	54	10.2	32,238	16.3
	Age 55 to 64	216	20.6	33,151	16.9	109	20.9	107	20.3	34,339	17.3
	Age 65 or older	522	49.8	40,410	20.6	258	49.4	264	50.1	40,734	20.5
	White - Non-Hispanic	968	93	170,042	87.3	483	93.2	485	92.7	168,345	86.5
	Black - Non-Hispanic	8	0.8	2,386	1.2	4	0.8	4	0.8	2,278	1.2
	Other race only, Non-Hispanic	21	2	6,575	3.4	11	2.1	10	1.9	7,923	4.1
	Multiracial, Non-Hispanic	23	2.2	7,784	4	11	2.1	12	2.3	8,785	4.5
	Hispanic	21	2	8,077	4.1	9	1.7	12	2.3	7,377	3.8
New Jersey	Male	439	39.1	384,095	38.4	174	37.7	265	40.1	384,838	38.5
	Female	684	60.9	615,417	61.6	288	62.3	396	59.9	615,417	61.5
	Age 18 to 24	96	8.7	109,219	11.1	34	7.5	62	9.5	109,219	11
	Age 25 to 34	149	13.5	181,097	18.4	69	15.3	80	12.2	181,097	18.3
	Age 35 to 44	152	13.7	131,829	13.4	64	14.2	88	13.5	132,193	13.3
	Age 45 to 54	188	17	183,387	18.6	98	21.7	90	13.8	185,130	18.7
	Age 55 to 64	222	20.1	181,563	18.4	80	17.7	142	21.7	181,778	18.3
	Age 65 or older	299	27	197,489	20.1	107	23.7	192	29.4	201,417	20.3
	White - Non-Hispanic	664	60.3	531,959	54.1	248	55.6	416	63.4	583,230	58.9
	Black - Non-Hispanic	158	14.3	156,361	15.9	74	16.6	84	12.8	138,691	14
	Other race only, Non-Hispanic	48	4.4	67,666	6.9	19	4.3	29	4.4	46,153	4.7
	Multiracial, Non-Hispanic	26	2.4	19,088	1.9	5	1.1	21	3.2	30,255	3.1
	Hispanic	206	18.7	208,019	21.2	100	22.4	106	16.2	192,605	19.4
New York*	Male	730	37	774,202	39.6	219	33.3	511	38.9	959,242	41
	Female	1,242	63	1,179,830	60.4	439	66.7	803	61.1	1,377,852	59
	Age 18 to 24	151	7.8	274,763	14.5	53	8.2	98	7.6	328,946	14.3
	Age 25 to 34	257	13.2	332,160	17.5	68	10.6	189	14.6	415,581	18.1
	Age 35 to 44	282	14.5	258,392	13.6	110	17.1	172	13.3	328,856	14.3
	Age 45 to 54	285	14.7	252,966	13.3	107	16.6	178	13.7	336,603	14.7
	Age 55 to 64	393	20.2	349,484	18.4	121	18.8	272	21	383,070	16.7
	Age 65 or older	574	29.6	433,657	22.8	185	28.7	389	30	502,101	21.9
	White - Non-Hispanic	1,400	72.5	1,091,866	57	463	72.5	937	72.5	1,343,396	58.1
	Black - Non-Hispanic	158	8.2	270,273	14.1	46	7.2	112	8.7	312,613	13.5
	Other race only, Non-Hispanic	82	4.2	163,140	8.5	23	3.6	59	4.6	223,148	9.6
	Multiracial, Non-Hispanic	60	3.1	62,816	3.3	22	3.4	38	2.9	78,158	3.4
	Hispanic	232	12	327,035	17.1	85	13.3	147	11.4	356,718	15.4

Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory												
		BRFSS				ACBS		ACBS				
		Eligible Asthma Respondents				Non-Respondents		Respondents				
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	
Ohio	Male	607	38.4	604,442	41.1	387	39.4	220	36.7	604,442	41	
	Female	974	61.6	867,995	58.9	595	60.6	379	63.3	868,051	59	
	Age 18 to 24	104	6.7	207,502	14.3	58	6	46	7.7	207,502	14.1	
	Age 25 to 34	157	10.1	240,779	16.6	107	11.1	50	8.4	240,779	16.4	
	Age 35 to 44	179	11.5	212,309	14.7	110	11.4	69	11.6	213,813	14.6	
	Age 45 to 54	251	16.1	217,420	15	161	16.7	90	15.1	229,433	15.6	
	Age 55 to 64	298	19.1	244,386	16.9	182	18.9	116	19.5	248,358	16.9	
	Age 65 or older	568	36.5	325,166	22.5	344	35.8	224	37.6	328,038	22.3	
	White - Non-Hispanic	1,352	86.4	1,113,368	76.6	836	86.1	516	86.9	1,202,584	83.3	
	Black - Non-Hispanic	104	6.6	181,551	12.5	71	7.3	33	5.6	118,505	8.2	
	Other race only, Non-Hispanic	33	2.1	35,070	2.4	20	2.1	13	2.2	34,345	2.4	
	Multiracial, Non-Hispanic	42	2.7	55,570	3.8	24	2.5	18	3	39,172	2.7	
	Hispanic	34	2.2	67,033	4.6	20	2.1	14	2.4	49,283	3.4	
Oregon	Male	452	39.8	243,680	38.1	330	39	122	42.1	243,680	38.1	
	Female	685	60.2	395,693	61.9	517	61	168	57.9	395,693	61.9	
	Age 18 to 24	73	6.5	66,928	10.7	60	7.3	13	4.5	63,844	10	
	Age 25 to 34	164	14.7	116,114	18.5	127	15.4	37	12.8	119,198	18.8	
	Age 35 to 44	209	18.7	126,393	20.1	162	19.6	47	16.3	127,730	20.1	
	Age 45 to 54	177	15.9	94,500	15	140	16.9	37	12.8	99,297	15.6	
	Age 55 to 64	198	17.8	99,130	15.8	135	16.3	63	21.9	100,560	15.8	
	Age 65 or older	294	26.4	124,959	19.9	203	24.5	91	31.6	124,959	19.7	
	White - Non-Hispanic	845	75.8	454,193	72.7	607	73.3	238	82.9	493,934	79	
	Black - Non-Hispanic	11	1	10,815	1.7	9	1.1	2	0.7	4,852	0.8	
	Other race only, Non-Hispanic	67	6	47,652	7.6	55	6.6	12	4.2	33,342	5.3	
	Multiracial, Non-Hispanic	98	8.8	48,578	7.8	76	9.2	22	7.7	46,290	7.4	
	Hispanic	94	8.4	63,820	10.2	81	9.8	13	4.5	46,877	7.5	
Rhode Island	Male	334	35.9	60,002	40	193	34.2	141	38.6	60,002	40	
	Female	596	64.1	90,111	60	372	65.8	224	61.4	90,111	60	
	Age 18 to 24	51	5.6	19,536	13.2	33	6	18	5	19,215	13.1	
	Age 25 to 34	102	11.2	25,379	17.2	57	10.3	45	12.5	25,700	17.5	
	Age 35 to 44	110	12.1	24,914	16.8	73	13.2	37	10.3	25,292	17.2	
	Age 45 to 54	132	14.5	22,832	15.4	89	16.1	43	12	22,120	15	
	Age 55 to 64	172	18.9	23,931	16.2	105	19	67	18.7	23,344	15.9	
	Age 65 or older	345	37.8	31,313	21.2	196	35.4	149	41.5	31,313	21.3	
	White - Non-Hispanic	717	79.3	104,193	71.4	406	74.5	311	86.6	123,341	84.5	
	Black - Non-Hispanic	34	3.8	6,468	4.4	22	4	12	3.3	3,990	2.7	
	Other race only, Non-Hispanic	22	2.4	4,992	3.4	18	3.3	4	1.1	3,156	2.2	
	Multiracial, Non-Hispanic	26	2.9	7,629	5.2	20	3.7	6	1.7	4,741	3.2	
	Hispanic	105	11.6	22,666	15.5	79	14.5	26	7.2	10,665	7.3	

Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory											
		BRFSS			ACBS		ACBS				
		Eligible Asthma Respondents			Non-Respondents		Respondents				
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Texas	Male	699	40.5	1,176,420	42.6	537	39.1	162	45.6	1,176,420	42.6
	Female	1,028	59.5	1,587,690	57.4	835	60.9	193	54.4	1,587,690	57.4
	Age 18 to 24	154	9	339,039	12.4	126	9.3	28	7.9	419,114	15.2
	Age 25 to 34	271	15.9	560,151	20.4	221	16.3	50	14.2	483,529	17.5
	Age 35 to 44	272	15.9	480,188	17.5	227	16.8	45	12.7	479,194	17.4
	Age 45 to 54	252	14.8	419,852	15.3	204	15.1	48	13.6	429,435	15.6
	Age 55 to 64	274	16	414,324	15.1	209	15.4	65	18.4	416,077	15.1
	Age 65 or older	485	28.4	526,557	19.2	368	27.2	117	33.1	531,381	19.3
	White - Non-Hispanic	1,011	59.9	1,190,033	44	778	58.1	233	67.1	1,450,834	53.4
	Black - Non-Hispanic	157	9.3	309,025	11.4	127	9.5	30	8.6	289,555	10.7
	Other race only, Non-Hispanic	55	3.3	120,925	4.5	49	3.7	6	1.7	34,783	1.3
	Multiracial, Non-Hispanic	46	2.7	66,110	2.4	35	2.6	11	3.2	54,767	2
	Hispanic	418	24.8	1,019,823	37.7	351	26.2	67	19.3	886,929	32.6
Utah	Male	857	41.4	171,451	41	534	40.7	323	42.7	171,451	41
	Female	1,211	58.6	246,263	59	778	59.3	433	57.3	246,263	59
	Age 18 to 24	213	10.4	75,906	18.3	142	11	71	9.4	75,906	18.3
	Age 25 to 34	325	15.9	93,258	22.5	206	15.9	119	15.8	93,258	22.5
	Age 35 to 44	334	16.3	71,755	17.3	218	16.8	116	15.4	71,755	17.3
	Age 45 to 54	301	14.7	57,332	13.9	207	16	94	12.5	58,694	14.1
	Age 55 to 64	271	13.2	46,113	11.1	174	13.4	97	12.9	46,113	11.1
	Age 65 or older	605	29.5	69,414	16.8	349	26.9	256	34	69,487	16.7
	White - Non-Hispanic	1,704	84.2	317,363	78	1,045	81.6	659	88.6	342,443	83.6
	Black - Non-Hispanic	13	0.6	4,317	1.1	9	0.7	4	0.5	4,462	1.1
	Other race only, Non-Hispanic	53	2.6	19,816	4.9	44	3.4	9	1.2	11,113	2.7
	Multiracial, Non-Hispanic	38	1.9	14,226	3.5	27	2.1	11	1.5	9,463	2.3
	Hispanic	216	10.7	51,210	12.6	155	12.1	61	8.2	42,041	10.3
Vermont	Male	443	41	38,973	40.9	234	40.1	209	42	38,973	40.9
	Female	638	59	56,271	59.1	349	59.9	289	58	56,302	59.1
	Age 18 to 24	56	5.2	13,730	14.6	31	5.4	25	5.1	14,383	15.2
	Age 25 to 34	108	10.1	13,698	14.5	52	9.1	56	11.3	13,045	13.8
	Age 35 to 44	160	15	14,690	15.6	96	16.8	64	13	14,690	15.5
	Age 45 to 54	172	16.1	15,114	16	106	18.5	66	13.4	15,097	15.9
	Age 55 to 64	221	20.7	17,187	18.2	116	20.2	105	21.3	17,535	18.5
	Age 65 or older	350	32.8	19,858	21.1	172	30	178	36	19,961	21.1
	White - Non-Hispanic	980	91.8	82,229	87.5	531	92.3	449	91.1	82,388	87.2
	Black - Non-Hispanic	12	1.1	974	1	9	1.6	3	0.6	286	0.3
	Other race only, Non-Hispanic	19	1.8	3,714	4	8	1.4	11	2.2	3,461	3.7
	Multiracial, Non-Hispanic	32	3	4,314	4.6	14	2.4	18	3.7	4,854	5.1
	Hispanic	25	2.3	2,721	2.9	13	2.3	12	2.4	3,477	3.7

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

		BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Texas	Male	699	40.5	1,176,420	42.6	537	39.1	162	45.6	1,176,420	42.6
	Female	1,028	59.5	1,587,690	57.4	835	60.9	193	54.4	1,587,690	57.4
	Age 18 to 24	154	9	339,039	12.4	126	9.3	28	7.9	419,114	15.2
	Age 25 to 34	271	15.9	560,151	20.4	221	16.3	50	14.2	483,529	17.5
	Age 35 to 44	272	15.9	480,188	17.5	227	16.8	45	12.7	479,194	17.4
	Age 45 to 54	252	14.8	419,852	15.3	204	15.1	48	13.6	429,435	15.6
	Age 55 to 64	274	16	414,324	15.1	209	15.4	65	18.4	416,077	15.1
	Age 65 or older	485	28.4	526,557	19.2	368	27.2	117	33.1	531,381	19.3
	White - Non-Hispanic	1,011	59.9	1,190,033	44	778	58.1	233	67.1	1,450,834	53.4
	Black - Non-Hispanic	157	9.3	309,025	11.4	127	9.5	30	8.6	289,555	10.7
	Other race only, Non-Hispanic	55	3.3	120,925	4.5	49	3.7	6	1.7	34,783	1.3
	Multiracial, Non-Hispanic	46	2.7	66,110	2.4	35	2.6	11	3.2	54,767	2
	Hispanic	418	24.8	1,019,823	37.7	351	26.2	67	19.3	886,929	32.6
Utah	Male	857	41.4	171,451	41	534	40.7	323	42.7	171,451	41
	Female	1,211	58.6	246,263	59	778	59.3	433	57.3	246,263	59
	Age 18 to 24	213	10.4	75,906	18.3	142	11	71	9.4	75,906	18.3
	Age 25 to 34	325	15.9	93,258	22.5	206	15.9	119	15.8	93,258	22.5
	Age 35 to 44	334	16.3	71,755	17.3	218	16.8	116	15.4	71,755	17.3
	Age 45 to 54	301	14.7	57,332	13.9	207	16	94	12.5	58,694	14.1
	Age 55 to 64	271	13.2	46,113	11.1	174	13.4	97	12.9	46,113	11.1
	Age 65 or older	605	29.5	69,414	16.8	349	26.9	256	34	69,487	16.7
	White - Non-Hispanic	1,704	84.2	317,363	78	1,045	81.6	659	88.6	342,443	83.6
	Black - Non-Hispanic	13	0.6	4,317	1.1	9	0.7	4	0.5	4,462	1.1
	Other race only, Non-Hispanic	53	2.6	19,816	4.9	44	3.4	9	1.2	11,113	2.7
	Multiracial, Non-Hispanic	38	1.9	14,226	3.5	27	2.1	11	1.5	9,463	2.3
	Hispanic	216	10.7	51,210	12.6	155	12.1	61	8.2	42,041	10.3
Vermont	Male	443	41	38,973	40.9	234	40.1	209	42	38,973	40.9
	Female	638	59	56,271	59.1	349	59.9	289	58	56,302	59.1
	Age 18 to 24	56	5.2	13,730	14.6	31	5.4	25	5.1	14,383	15.2
	Age 25 to 34	108	10.1	13,698	14.5	52	9.1	56	11.3	13,045	13.8
	Age 35 to 44	160	15	14,690	15.6	96	16.8	64	13	14,690	15.5
	Age 45 to 54	172	16.1	15,114	16	106	18.5	66	13.4	15,097	15.9
	Age 55 to 64	221	20.7	17,187	18.2	116	20.2	105	21.3	17,535	18.5
	Age 65 or older	350	32.8	19,858	21.1	172	30	178	36	19,961	21.1
	White - Non-Hispanic	980	91.8	82,229	87.5	531	92.3	449	91.1	82,388	87.2
	Black - Non-Hispanic	12	1.1	974	1	9	1.6	3	0.6	286	0.3
	Other race only, Non-Hispanic	19	1.8	3,714	4	8	1.4	11	2.2	3,461	3.7
	Multiracial, Non-Hispanic	32	3	4,314	4.6	14	2.4	18	3.7	4,854	5.1
	Hispanic	25	2.3	2,721	2.9	13	2.3	12	2.4	3,477	3.7

**Table 1A. Percentage of ACBS 2024 adult (aged ≥ 18) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory**

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Weighted total	Percent (weighted)
Wisconsin	Male	407	32.4	143,513	35	207	31.7	200	33.1	266,951	37.7
	Female	850	67.6	266,462	65	446	68.3	404	66.9	441,656	62.3
	Age 18 to 24	44	3.5	42,044	10.3	16	2.5	28	4.6	98,967	14
	Age 25 to 34	85	6.8	64,700	15.9	32	5	53	8.8	111,083	15.7
	Age 35 to 44	105	8.5	64,753	15.9	49	7.7	56	9.3	125,264	17.7
	Age 45 to 54	159	12.8	59,822	14.7	74	11.6	85	14.1	112,399	15.9
	Age 55 to 64	251	20.2	72,542	17.8	123	19.3	128	21.2	110,527	15.6
	Age 65 or older	598	48.1	103,980	25.5	344	53.9	254	42.1	150,367	21.2
	White - Non-Hispanic	1,040	83.7	329,613	81.2	534	83.3	506	84.1	558,972	79.2
	Black - Non-Hispanic	98	7.9	25,633	6.3	60	9.4	38	6.3	39,246	5.6
	Other race only, Non-Hispanic	31	2.5	17,203	4.2	16	2.5	15	2.5	29,642	4.2
	Multiracial, Non-Hispanic	26	2.1	17,774	4.4	9	1.4	17	2.8	45,300	6.4
	Hispanic	48	3.9	15,519	3.8	22	3.4	26	4.3	32,385	4.6
Puerto Rico	Male	227	25.9	195,271	37.1	139	26	88	25.7	195,271	37.1
	Female	649	74.1	331,407	62.9	395	74	254	74.3	331,407	62.9
	Age 18 to 24	50	5.7	63,628	12.1	36	6.8	14	4.1	60,990	11.6
	Age 25 to 34	119	13.6	97,849	18.7	80	15	39	11.4	100,487	19.1
	Age 35 to 44	137	15.7	87,161	16.6	86	16.2	51	15	87,161	16.6
	Age 45 to 54	166	19	73,843	14.1	109	20.5	57	16.7	75,200	14.3
	Age 55 to 64	199	22.8	92,605	17.7	105	19.7	94	27.6	92,605	17.6
	Age 65 or older	202	23.1	109,193	20.8	116	21.8	86	25.2	109,193	20.8
	Hispanic	874	99.9	525,216	99.8	532	99.8	342	100	526,679	100

Notes:

\*State included only in version 1 of sample split: New York



Table 1B. Percentage of ACBS 2024 child (aged 0-17 years) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory

		BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
States/areas total	Boy	835	59.5	584,593	59.9	395	60.4	440	58.7	610,652	58.8
	Girl	568	40.5	391,906	40.1	259	39.6	309	41.3	427,699	41.2
	Age 0 to 4	123	9.7	115,892	12.9	61	10.6	62	8.9	112,275	11.4
	Age 5 to 9	278	21.9	235,040	26.1	118	20.6	160	23	265,590	26.9
	Age 10 to 14	440	34.7	294,196	32.7	188	32.8	252	36.2	336,063	34
	Age 15 to 17	428	33.7	253,873	28.2	206	36	222	31.9	273,588	27.7
	White only	935	67.5	543,208	56.7	427	66.1	508	68.7	621,039	61.2
	Black or African American only	256	18.5	267,148	27.9	131	20.3	125	16.9	262,807	25.9
	Other Races and Multiracial	194	14	147,505	15.4	88	13.6	106	14.3	131,535	13
Connecticut	Boy	117	57.9	44,196	58.1	53	51	64	65.3	44,196	57.3
	Girl	85	42.1	31,930	41.9	51	49	34	34.7	32,941	42.7
	Age 0 to 4	17	9.4	9,589	13.8	8	8.8	9	10.1	9,570	13.5
	Age 5 to 9	49	27.2	16,991	24.5	21	23.1	28	31.5	18,550	26.2
	Age 10 to 14	55	30.6	19,051	27.4	28	30.8	27	30.3	23,923	33.8
	Age 15 to 17	59	32.8	23,827	34.3	34	37.4	25	28.1	18,657	26.4
	White only	135	67.8	54,121	72.5	72	69.9	63	65.6	52,607	71.5
	Black or African American only	41	20.6	12,918	17.3	21	20.4	20	20.8	12,824	17.4
	Other Races and Multiracial	23	11.6	7,631	10.2	10	9.7	13	13.5	8,128	11
Indiana	Boy	173	59.2	73,057	60.6	96	60.4	77	57.9	72,563	61.3
	Girl	119	40.8	47,501	39.4	63	39.6	56	42.1	45,759	38.7
	Age 0 to 4	32	12.5	21,548	20.3	19	14.6	13	10.2	24,514	21.3
	Age 5 to 9	49	19.1	28,684	27	24	18.5	25	19.7	26,312	22.8
	Age 10 to 14	91	35.4	26,740	25.2	45	34.6	46	36.2	33,295	28.9
	Age 15 to 17	85	33.1	29,096	27.4	42	32.3	43	33.9	31,057	27
	White only	212	72.6	81,878	68.1	108	68.4	104	77.6	89,146	74.7
	Black or African American only	34	11.6	17,831	14.8	27	17.1	7	5.2	4,801	4
	Other Races and Multiracial	46	15.8	20,485	17	23	14.6	23	17.2	25,453	21.3

Table 1B. Percentage of ACBS 2024 child (aged 0-17 years) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory

State	Demographics	BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
		Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
Michigan	Boy	129	63.5	159,453	65.3	67	63.8	62	63.3	161,458	65.4
	Girl	74	36.5	84,803	34.7	38	36.2	36	36.7	85,248	34.6
	Age 0 to 4	17	9.2	27,983	12.6	8	8.5	9	10	28,913	12.7
	Age 5 to 9	38	20.7	70,833	31.8	22	23.4	16	17.8	62,522	27.4
	Age 10 to 14	71	38.6	77,665	34.8	36	38.3	35	38.9	79,599	34.9
	Age 15 to 17	58	31.5	46,384	20.8	28	29.8	30	33.3	57,152	25
	White only	141	68.8	134,904	55.3	66	62.3	75	75.8	141,296	57.4
	Black or African American only	41	20	76,262	31.3	27	25.5	14	14.1	78,645	32
	Other Races and Multiracial	23	11.2	32,873	13.5	13	12.3	10	10.1	26,014	10.6
Minnesota	Boy	121	56.8	47,702	53	62	61.4	59	52.7	48,563	53.9
	Girl	92	43.2	42,323	47	39	38.6	53	47.3	41,490	46.1
	Age 0 to 4	14	7.2	4,440	5.3	5	5.4	9	8.8	5,618	6.5
	Age 5 to 9	39	20	24,101	28.8	19	20.4	20	19.6	23,047	26.8
	Age 10 to 14	61	31.3	24,789	29.7	27	29	34	33.3	25,949	30.2
	Age 15 to 17	81	41.5	30,274	36.2	42	45.2	39	38.2	31,413	36.5
	White only	157	73.7	56,118	62.5	76	73.8	81	73.6	63,125	71.4
	Black or African American only	21	9.9	17,720	19.7	9	8.7	12	10.9	11,207	12.7
	Other Races and Multiracial	35	16.4	15,887	17.7	18	17.5	17	15.5	14,109	16
New Jersey	Boy	133	59.4	102,423	58.2	59	62.8	74	56.9	102,770	58.6
	Girl	91	40.6	73,425	41.8	35	37.2	56	43.1	72,712	41.4
	Age 0 to 4	21	10.2	28,939	17.8	11	13.1	10	8.2	17,651	10.5
	Age 5 to 9	39	18.9	30,106	18.5	12	14.3	27	22.1	42,677	25.3
	Age 10 to 14	79	38.3	59,685	36.6	30	35.7	49	40.2	61,752	36.7
	Age 15 to 17	67	32.5	44,233	27.1	31	36.9	36	29.5	46,296	27.5
	White only	119	56.4	82,032	50.5	50	58.1	69	55.2	77,862	47.1
	Black or African American only	62	29.4	55,436	34.1	25	29.1	37	29.6	62,511	37.8
	Other Races and Multiracial	30	14.2	24,978	15.4	11	12.8	19	15.2	24,921	15.1

Table 1B. Percentage of ACBS 2024 child (aged 0-17 years) respondents, non-respondents, and BRFSS-eligible asthma respondents by demographic groups and state/territory

		BRFSS				ACBS		ACBS			
		Eligible Asthma Respondents				Non-Respondents		Respondents			
State	Demographics	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)	Sample size (unweighted)	Percent (unweighted)	Sample size (unweighted)	Percent (unweighted)	Weighted total	Percent (weighted)
New York*	Boy	162	60.2	157,763	58.5	58	63.7	104	58.4	181,101	54.8
	Girl	107	39.8	111,923	41.5	33	36.3	74	41.6	149,549	45.2
	Age 0 to 4	22	8.9	23,394	9.2	10	12.3	12	7.2	26,008	8.2
	Age 5 to 9	64	25.9	64,326	25.3	20	24.7	44	26.5	92,483	29
	Age 10 to 14	83	33.6	86,267	34	22	27.2	61	36.7	111,544	35
	Age 15 to 17	78	31.6	80,058	31.5	29	35.8	49	29.5	89,012	27.9
	White only	171	64.5	134,155	50.3	55	61.1	116	66.3	197,004	61
	Black or African American only	57	21.5	86,981	32.6	22	24.4	35	20	92,819	28.8
	Other Races and Multiracial	37	14	45,650	17.1	13	14.4	24	13.7	32,911	10.2

Notes:  
 \*State included only in version 1 of sample split: New York  
 This table contains only states included in public release file

Table 2A Estimated percentage of current asthma status among adults ( $\geq 18$  years) ever diagnosed with asthma by state/territory in 2024

State	ACBS Respondents				BRFSS Eligible Asthma Respondents			
	ACBS Sample size	Current Prevalence (weighted percent)	Standard Error	CI ACBS	BRFSS Sample size	Current Prevalence (weighted percent)	Standard Error	CI BRFSS
States/areas total	14,715	67.2	0.93	(65.4 - 69.0)	40,028	67.7	0.52	(66.6 - 68.7)
Arizona	473	68.5	3.84	(60.5 - 75.5)	1,269	67.8	2.4	(62.9 - 72.3)
California	437	59.5	3.7	(52.1 - 66.5)	752	61	2.81	(55.4 - 66.4)
Connecticut	439	67.1	3.1	(60.8 - 72.9)	1,158	72.2	1.91	(68.3 - 75.8)
Florida	581	61.5	4.04	(53.3 - 69.1)	1,590	66.3	2.4	(61.4 - 70.8)
Georgia	480	65.7	3.17	(59.2 - 71.6)	1,011	65.3	2.32	(60.6 - 69.7)
Illinois	510	70.1	2.58	(64.8 - 74.9)	1,715	66.6	1.43	(63.7 - 69.3)
Indiana	782	72.6	2.02	(68.5 - 76.4)	1,885	71.8	1.34	(69.1 - 74.4)
Iowa	358	73.4	3.08	(66.9 - 79.0)	1,032	71.4	1.8	(67.7 - 74.8)
Kansas	392	80.2	2.88	(74.0 - 85.3)	1,519	75.3	1.46	(72.3 - 78.0)
Kentucky	213	64.3	4.47	(55.1 - 72.5)	1,310	69.2	1.88	(65.4 - 72.7)
Maine	530	76.6	2.71	(70.8 - 81.5)	2,120	74.5	1.34	(71.8 - 77.0)
Maryland	977	62.9	2.32	(58.2 - 67.3)	2,179	63	1.56	(59.9 - 66.0)
Massachusetts	485	71.5	2.82	(65.6 - 76.7)	1,450	68.5	1.63	(65.2 - 71.6)
Michigan	698	71.3	2.46	(66.2 - 75.9)	1,814	72.5	1.47	(69.5 - 75.3)
Minnesota	937	68.3	2	(64.3 - 72.1)	1,911	70.9	1.29	(68.3 - 73.4)
Missouri	221	78.4	3.87	(69.9 - 85.1)	947	75.7	1.81	(72.0 - 79.1)
Nebraska	442	71.7	3.4	(64.6 - 77.9)	1,497	71.4	1.67	(68.1 - 74.6)
New Hampshire	469	73.1	3.07	(66.6 - 78.7)	1,038	72.6	2.12	(68.3 - 76.6)
New Jersey	562	67.1	2.75	(61.5 - 72.2)	1,097	70.9	1.94	(67.0 - 74.6)
New York*	1,135	71.2	2.04	(67.0 - 75.0)	1,927	73.1	1.69	(69.7 - 76.3)
Ohio	529	68.7	2.87	(62.8 - 74.0)	1,539	70.6	1.69	(67.2 - 73.8)
Oregon	277	73	3.27	(66.1 - 78.9)	1,082	74.2	1.53	(71.1 - 77.1)
Rhode Island	326	73.2	3.16	(66.6 - 78.9)	908	72.9	2	(68.8 - 76.6)
Texas	320	62.9	5.31	(52.0 - 72.6)	1,684	60.4	2.16	(56.1 - 64.6)
Utah	708	68.7	2.31	(64.0 - 73.0)	2,002	68.2	1.36	(65.4 - 70.8)
Vermont	436	69.9	2.84	(64.1 - 75.1)	1,053	68.8	1.88	(65.0 - 72.3)
Wisconsin	553	73.8	2.99	(67.5 - 79.2)	1,221	78.3	1.8	(74.6 - 81.7)
Puerto Rico	320	63.3	3.98	(55.2 - 70.7)	875	62.3	2.36	(57.5 - 66.8)

Appendix C

Notes:

\*States included only in version 1 of sample split: New York

States not included due to having less than 200 records: Hawaii, Mississippi, New Mexico

<b>Table 2B. Estimated percentage of current asthma status among children (0-17 years) ever diagnosed with asthma by state/territory in 2024</b>								
	ACBS Respondents				BRFSS Eligible Asthma Respondents			
State	ACBS Sample size	Current Prevalence (weighted percent)	Standard Error	CI ACBS	BRFSS Sample size	Current Prevalence (weighted percent)	Standard Error	CI BRFSS
States/areas total	599	70.6	2.79	(64.8 - 75.8)	1,372	74.3	1.79	(70.7 - 77.7)
Connecticut	78	65.9	7.38	(50.4 - 78.7)	194	69.6	4.98	(59.0 - 78.4)
Indiana	110	77	4.61	(66.8 - 84.8)	279	76.6	3.56	(68.9 - 82.9)
Michigan	85	63	7.96	(46.5 - 76.9)	203	72.5	4.58	(62.7 - 80.5)
Minnesota	95	61.8	6.33	(48.9 - 73.3)	212	71.6	3.96	(63.2 - 78.7)
New Jersey	101	66.1	6.44	(52.6 - 77.4)	219	68.2	4.28	(59.3 - 76.0)
New York	130	79.7	4.48	(69.5 - 87.2)	265	81.3	3.18	(74.2 - 86.7)

Notes:  
This table contains only states included in public release file