

Attachment 12 – ACBS Response Rate Formula

Table B.3.1 ACBS sample disposition codes and categories			
Category	Disposition Code Definitions	Formulae Abbreviation	Notes
Completed interviews	1100, 1200	COIN	Through Section 8
Terminations and refusals	4413	TERE_AT_BRFSS	At BRFSS
	2112, 2120, 2211, 2212,	TERE_AT_ACBS	At ACBS
Contacted eligible	1100, 1200, 2120, 2211, 2212, 2112, 2330, 2320	CONELIG	At ACBS
Eligible, lost to follow-up	2111, 2210, 2220, 2320, 2330, 3100, 3130, 3140, 3200, 3322, 3330, 4100, 4900, 4306, 5050, 5100, 5111, 5112, 5120, 5130, 5140, 5220, 5320, 5330, 5550, 5560	ELIG_LOST	Unable to contact or communicate with eligible respondent
Not interviewed	3150, 3700, 4200, 4300, 4400, 4430, 4450, 4460, 4470, 4500, 4510, 5400, 5150, 5200, 5300, 5599, 5700, 5900, 9999	ELIG_LOST	Technical problems
Ineligible	2290, 2291, 4480, 4490, 4491	INELIG	At BRFSS
Ineligible	4405, 4700, 4411, 4471	INELIG	At ACBS
	4412	INELIG	No ACBS attempt

The response rate formulae for the ACBS are described below.

Eligibility Rate: $E = \text{CONELIG} / (\text{CONELIG} + \text{INELIG})$

Cooperation Rate: $(\text{COIN} / (\text{CONELIG} + \text{TERE_AT_BRFSS})) * 100$

ACBS CASRO Rate: $(\text{COIN} / ((\text{CONELIG} + \text{TERE_AT_BRFSS} + (E * \text{ELIG_LOST}))) * 100$

Refusal Rate: $(\text{TERE_AT_BRFSS} + \text{TERE_AT_ACBS} / (\text{CONELIG} + \text{TERE_AT_BRFSS} + (\text{E} * \text{ELIG_LOST}))) * 100$

The ACBS Cooperation Rate is the proportion of completed interviews (COIN) 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 (TERE_AT_BRFSS) are included. Non-contacts are excluded from the denominator but contacts with communication problems specific to the respondent with asthma are included.

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 contacted eligible (CONELIG) and terminations and refusals (TERE_AT_BRFSS) 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 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_AT_BRFSS and TERE_AT_ACBS). The denominator is the same as for the CASRO rate.