

Appendix D: Selected Asthma Call-back Survey Findings

This appendix contains selected 2007 – 2009 Behavioral Risk Factor Surveillance System (BRFSS) Asthma Call-back Survey (ACBS) results for persons with current asthma in Connecticut.

References to the ACBS questionnaire items, which solicited the responses on which the estimates are based, are provided at the bottom of each table. AQ refers to adult questionnaire and CQ refers to the child questionnaire.

Asthma Symptoms

Table D-1. Time of Last Asthma Symptoms Among Persons With Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	< 1 day ago	1 – 6 days ago	1 wk to ≤ 3 months ago	3 months to < 1 year ago	1 year to < 3 years ago	3 – 5 years ago	> 5 years ago	Never
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	26.3 (21.5 – 31)	18.6 (14.5 – 22.7)	25.2 (21 – 29.3)	14.2 (11.3 – 17)	9.2 (6.4 – 11.9)	1.6 (0.3 – 2.8)	4 (1 – 6.9)	1.1 (0 – 2.1)
Children	12.4 (7 – 17.8)	15.5 (7.8 – 23.3)	33.5 (24.5 – 42.5)	19.2 (12.8 – 25.7)	13.5 (6.2 – 20.8)	1.9 (0 – 3.8)	0.5 (0 – 1.4)	3.4 (0 – 7.2)
Adults	31.1 (25.2 – 37)	19.7 (14.9 – 24.5)	22.3 (17.7 – 26.8)	12.4 (9.3 – 15.5)	7.7 (5 – 10.3)	1.5 (0 – 3)	5.2 (1.3 – 9)	0.2 (0 – 0.6)
Male	31.3 (22.3 – 40.4)	18.5 (11.3 – 25.7)	20.4 (14.1 – 26.6)	11.7 (7.3 – 16)	9.4 (4.7 – 14)	1.8 (0 – 4.4)	5.6 (0 – 11.6)	1.4 (0 – 3.3)
Female	22.3 (18 – 26.6)	18.8 (14.2 – 23.5)	29 (23.6 – 34.3)	16.2 (12.4 – 19.9)	9.1 (5.8 – 12.4)	1.4 (0.5 – 2.4)	2.5 (0.3 – 4.7)	0.8 (0 – 1.9)
Hispanic	14.9 (5.6 – 24.2)	39.7 (21.3 – 58.1)	24.5 (13.1 – 35.9)	11.6 (3.3 – 19.9)	4.2 (0.6 – 7.7)	1.8 (0 – 4.9)	0.3 (0 – 1)	3 (0 – 8.9)
Black*	10.1 (2.5 – 17.6)	23.7 (3.4 – 44.1)	43 (17.2 – 68.8)	7 (0 – 14.1)	3.8 (0 – 10.9)	0.8 (0 – 2.3)	11.6 (0 – 32.5)	0
Other*	11.1 (1.1 – 21)	21.4 (2 – 40.8)	28.3 (6.4 – 50.2)	15 (1.1 – 28.8)	19.2 (0 – 41.7)	0	5.1 (0 – 14.8)	0
White*	28.4 (22.9 – 33.9)	16.2 (12.1 – 20.2)	24.4 (19.9 – 29)	14.8 (11.5 – 18.2)	9.7 (6.5 – 12.8)	1.7 (0.2 – 3.2)	3.8 (0.5 – 7.2)	1 (0 – 2.1)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 3.5.

Table D-2. Symptoms of Asthma During the Past 30 Days Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	0 days	1 – 10 days	11 – 20 days	21 – 30 days
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	37.3 (32.4 – 42.1)	34.4 (29.5 – 39.3)	13.1 (9.6 – 16.6)	15.2 (11.7 – 18.7)
Children	50.2 (40.7 – 59.7)	34.8 (25.3 – 44.4)	7.6 (3.3 – 12)	7.3 (2.8 – 11.8)
Adults	32.7 (27.1 – 38.3)	34.2 (28.5 – 40)	15.1 (10.6 – 19.5)	18 (13.5 – 22.5)
Male	6.8 (28.3 – 45.3)	33.1 (24.4 – 41.8)	13.9 (7.3 – 20.4)	16.2 (9.5 – 23)
Female	37.6 (32 – 43.1)	35.6 (30 – 41.2)	12.6 (8.9 – 16.3)	14.2 (10.7 – 17.7)
Hispanic	23.9 (12.2 – 35.5)	51.2 (34.5 – 67.8)	13.3 (3.7 – 22.9)	11.7 (3.5 – 19.9)
Black*	30.5 (8.2 – 52.8)	57.6 (33.7 – 81.5)	3.5 (0 – 7.4)	8.4 (1.2 – 15.6)
Other*	51.1 (27.6 – 74.7)	32.5 (10 – 55)	9.9 (0 – 19.9)	6.5 (0 – 13.3)
White*	38.8 (33.3 – 44.3)	31.6 (26.3 – 36.9)	14 (9.8 – 18.1)	15.7 (11.5 – 19.8)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 4.1.

Table D-3. Number of Days Asthma Made it Difficult to Stay Asleep During the Past 30 Days Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	0 days	1 – 10 days	11 – 20 days	21 – 30 days
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	76.5 (72.2 – 80.8)	16 (12.6 – 19.3)	4.3 (2.2 – 6.4)	3.2 (0.8 – 5.6)
Children	78.7 (71.3)	19.9 (12.6 – 27.3)	1.1 (0 – 2.4)	0.2 (0 – 0.7)
Adults	75.7 (70.6 – 80.8)	14.6 (10.9 – 18.3)	5.4 (2.6 – 8.2)	4.3 (1.1 – 7.5)
Male	75.1 (67.2 – 83)	16.1 (10.2 – 22)	3.1 (0 – 6.6)	5.7 (0.4 – 11.1)
Female	77.5 (73 – 81.9)	16 (12.2 – 19.8)	5.2 (2.6 – 7.8)	1.3 (0.5 – 2.2)
Hispanic	64.5 (50.1 – 78.9)	27.4 (14.5 – 40.3)	4.2 (0 – 8.9)	3.9 (0 – 8.3)
Black*	62.5 (39.4 – 85.5)	31.5 (9.4 – 53.5)	3.7 (0 – 8.8)	2.3 (0 – 5.1)
Other*	82.7 (64.4 – 100)	17.3 (0 – 35.6)	—	—
White*	78.6 (73.8 – 83.3)	14.1 (10.5 – 17.6)	4.2 (1.8 – 6.7)	3.2 (0.3 – 6)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 4.3.

Table D-4. Episode of Asthma or Asthma Attack During the Past 12 Months Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	No	Yes
	Percent (95% CI)	Percent (95% CI)
Overall	49.6 (44.5 – 54.7)	50.4 (45.3 – 55.5)
Children	45.3 (36 – 54.7)	54.7 (45.3 – 64)
Adults	51.1 (45.1 – 57.1)	48.9 (42.9 – 54.9)
Male	53.6 (44.6 – 62.7)	46.4 (37.3 – 55.4)
Female	46.4 (40.8 – 52.1)	53.6 (47.9 – 59.2)
Hispanic	48.6 (32 – 65.3)	51.4 (34.7 – 68)
Black*	42.9 (17.7 – 68)	57.1 (32 – 82.3)
Other*	47.1 (23.5 – 70.6)	52.9 (29.4 – 76.5)
White*	50.2 (44.6 – 55.9)	49.8 (44.1 – 55.4)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 4.5.

Table D-5. Number of Asthma Episodes or Attacks During the Past 3 Months Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	None	1	2	3	≥ 4
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	61 (55.9 – 66)	14.2 (10.6 – 17.7)	9.7 (6.3 – 13)	6.1 (2.9 – 9.2)	9.1 (6.5 – 11.8)
Children	56.2 (46.9 – 65.6)	21.1 (13.1 – 29)	10.4 (5 – 15.9)	4.6 (1.1 – 8.1)	7.7 (2.7 – 12.7)
Adults	62.6 (56.6 – 68.6)	11.7 (7.9 – 15.6)	9.4 (5.3 – 13.5)	6.6 (2.6 – 10.6)	9.7 (6.6 – 12.7)
Male	61.2 (52.2 – 70.2)	14.6 (8.8 – 20.5)	11.2 (4.6 – 17.8)	6.6 (1 – 12.2)	6.3 (2.3 – 10.4)
Female	60.8 (55.1 – 66.5)	13.6 (9.3 – 18)	8.5 (5.5 – 11.5)	5.7 (2.2 – 9.1)	11.4 (8 – 14.8)
Hispanic	59.8 (42.7 – 77)	12.5 (3.4 – 21.6)	2.3 (0 – 4.8)	19 (1 – 37.1)	6.3 (1.4 – 11.3)
Black*	48.9 (23 – 74.8)	31.8 (3.9 – 59.7)	7.2 (0 – 16.7)	8.1 (0 – 16.4)	4 (0 – 8.2)
Other*	69.7 (47.1 – 92.3)	0.4 (0 – 1.2)	12.4 (0 – 30.1)	16.7 (0 – 34.9)	0.7 (0 – 1.8)
White*	61.4 (55.8 – 67.1)	14 (10.2 – 17.9)	10.4 (6.5 – 14.4)	4.2 (1.2 – 7.1)	10 (6.8 – 13.1)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 4.6.

Table D-6. Duration of Most Recent Asthma Episode or Attack Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Minutes	Hours	Days	Weeks
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	48.6 (41.2 – 55.9)	24.5 (18.4 – 30.5)	19.6 (14.2 – 24.9)	7.4 (4.5 – 10.3)
Children	46.8 (34.1 – 59.5)	22.8 (11.1 – 34.5)	25.8 (15.4 – 36.2)	4.6 (1.2 – 8.1)
Adults	49.3 (40.4 – 58.1)	25.1 (18 – 32.1)	17.2 (11 – 23.4)	8.5 (4.6 – 12.3)
Male	62.4 (50.5 – 74.4)	18.7 (9.3 – 28.2)	14.6 (7.4 – 21.8)	4.3 (1.4 – 7.2)
Female	39.3 (31.7 – 47)	28 (20.6 – 35.5)	23 (15.8 – 30.3)	9.6 (5.2 – 14)
Hispanic	49.7 (24 – 75.5)	25.2 (8 – 42.4)	22.4 (4.4 – 40.4)	2.6 (0 – 6)
Black*	7.8 (0 – 16.7)	62.3 (32.7 – 91.9)	29.2 (4.3 – 54)	0.7 (0 – 1.9)
Other*	51.6 (18.8 – 84.5)	26.5 (1.7 – 51.2)	18.6 (0 – 44.4)	3.3 (0 – 9.9)
White*	50.6 (42.5 – 58.6)	22.4 (16 – 28.7)	18.6 (12.5 – 24.7)	8.5 (4.9 – 12)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 4.7.

Table D-7. Comorbid Conditions Among Adults with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Chronic obstructive pulmonary disease		Emphysema		Chronic Bronchitis		Depression	
	No Percent (95% CI)	Yes Percent (95% CI)	No Percent (95% CI)	Yes Percent (95% CI)	No Percent (95% CI)	Yes Percent (95% CI)	No Percent (95% CI)	Yes Percent (95% CI)
Overall	91.2 (88.4 – 94)	8.8 (6 – 11.6)	95.5 (94.1 – 96.8)	4.5 (3.2 – 5.9)	78.5 (74 – 83.1)	21.5 (16.9 – 26)	71.8 (66.9 – 76.7)	28.2 (23.3 – 33.1)
Male	89.9 (83.8 – 96.1)	10.1 (3.9 – 16.2)	96.1 (93.9 – 98.3)	3.9 (1.7 – 6.1)	82.3 (74.2 – 90.4)	17.7 (9.6 – 25.8)	83.9 (76.7 – 91.1)	16.1 (8.9 – 23.3)
Female	92 (89.6 – 94.4)	8 (5.6 – 10.4)	95.1 (93.3 – 96.8)	4.9 (3.2 – 6.7)	76.1 (71 – 81.2)	23.9 (18.8 – 29)	64 (58.1 – 69.8)	36 (60.2 – 41.9)
Hispanic	98.4 (95.9 – 100)	1.6 (0 – 4.1)	95.3 (89.8 – 100)	4.7 (0 – 10.2)	84.8 (73.8 – 95.8)	15.2 (4.2 – 26.2)	75.1 (59.4 – 90.8)	24.9 (9.2 – 40.6)
Black*	91.3 (81.6 – 100)	8.7 (0 – 18.4)	91.8 (82.5 – 100)	8.2 (0 – 17.5)	66 (43.1 – 88.9)	34 (11.1 – 56.9)	71.8 (49.7 – 93.8)	28.2 (6.2 – 50.3)
Other*	92.2 (78.2 – 100)	7.8 (0 – 21.8)	92.2 (78.2 – 100)	7.8 (0 – 21.8)	70.7 (44.4 – 96.9)	29.3 (3.1 – 55.6)	55.7 (24.9 – 86.6)	44.3 (13.4 – 75.1)
White*	90.5 (87.3 – 93.8)	9.5 (6.2 – 12.7)	95.7 (94.3 – 97.1)	4.3 (2.9 – 5.7)	78.4 (73.3 – 83.5)	21.6 (16.5 – 26.7)	55.7 (24.9 – 86.6)	44.3 (13.4 – 75.1)

* Denotes non-Hispanic. Responses to AQ questions 11.1 – 11.4.

Table D-8. Comorbid Respiratory Conditions Among Adults with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Any comorbid respiratory condition		No comorbid respiratory condition	One comorbid respiratory condition	Two comorbid respiratory conditions	Three comorbid respiratory conditions
	No Percent (95% CI)	Yes Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	74.7 (70 – 79.4)	25.3 (20.6 – 30)	75 (70.3 – 79.6)	17.3 (13.3 – 21.3)	6 (3.4 – 8.5)	1.8 (0.9 – 2.7)
Male	79.8 (71.4 – 88.2)	20.2 (11.8 – 28.6)	80.1 (71.8 – 88.4)	10.3 (4.4 – 16.2)	7.6 (1.8 – 13.4)	2 (0.4 – 3.6)
Female	71.5 (66.2 – 76.8)	28.5 (23.2 – 33.8)	71.6 (66.3 – 76.9)	21.8 (16.7 – 26.8)	4.9 (3.1 – 6.7)	1.7 (0.6 – 2.9)
Hispanic	81.8 (69.5 – 94.2)	18.2 (5.8 – 30.5)	81.9 (69.7 – 94.2)	16 (4.3 – 27.6)	0.8 (0 – 2)	1.3 (0 – 3.6)
Black*	65.2 (42 – 88.4)	34.8 (11.6 – 58)	65.2 (42 – 88.3)	22.3 (4.2 – 40.3)	9.1 (0 – 18.9)	3.4 (0 – 9.6)
Other*	29.3 (3.1 – 55.6)	70.7 (44.4 – 96.9)	70.7 (44.4 – 96.9)	21 (0 – 44.9)	1 (0 – 2.5)	7.3 (0 – 21.3)
White*	74.4 (69.1 – 79.7)	25.6 (20.3 – 30.9)	74.7 (69.4 – 79.9)	17.1 (12.6 – 21.6)	6.5 (3.6 – 9.5)	1.7 (0.7 – 2.6)

* Denotes non-Hispanic.

Environmental Exposures

Table D-9. Environmental Exposures Inside the Home Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Cooking gas		Environmental mold		Indoor pet(s)		Cockroaches	
	No	Yes	No	Yes	No	Yes	No	Yes
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	71.7 (67.4 – 76.1)	28.3 (23.9 – 32.6)	89.2 (86.4 – 91.9)	10.8 (8.1 – 13.6)	36.2 (31.5 – 40.9)	63.8 (59.1 – 68.5)	97.2 (95.3 – 99.1)	2.8 (0.9 – 4.7)
Children	73.2 (64.9 – 81.5)	26.8 (18.5 – 35.1)	90.3 (85.4 – 95.2)	9.7 (4.8 – 14.6)	27.2 (19.6 – 34.7)	72.8 (65.3 – 80.4)	95.7 (90 – 100)	4.3 (0 – 10)
Adults	71.2 (66.1 – 76.3)	28.8 (23.7 – 33.9)	88.8 (85.5 – 92.1)	11.2 (7.9 – 14.5)	39.4 (33.7 – 45)	60.6 (55 – 66.3)	97.7 (96.1 – 99.2)	2.3 (0.8 – 3.9)
Male	74.1 (66.8 – 81.3)	25.9 (18.7 – 33.2)	89.9 (85.1 – 94.8)	10.1 (5.2 – 14.9)	39.8 (31.1 – 48.4)	60.2 (51.6 – 68.9)	97.9 (95.7 – 100)	2.1 (0 – 4.3)
Female	69.8 (64.5 – 75)	30.2 (25 – 35.5)	88.5 (85.4 – 91.6)	11.5 (8.4 – 14.6)	33.5 (28.6 – 38.5)	66.5 (61.5 – 71.4)	96.6 (93.7 – 99.5)	3.4 (0.5 – 6.3)
Hispanic	59.9 (44.5 – 75.4)	40.1 (24.6 – 55.5)	93.2 (86.7 – 99.7)	6.8 (0.3 – 13.3)	49 (32.3 – 65.7)	51 (34.3 – 67.7)	84.3 (72.7 – 95.9)	15.7 (4.1 – 27.3)
Black*	28.2 (10.7 – 45.6)	71.8 (54.4 – 89.3)	97.1 (94.4 – 99.9)	2.9 (0.1 – 5.6)	52.3 (26.5 – 78.1)	47.7 (21.9 – 73.5)	79.9 (51.6 – 100)	20.1 (0 – 48.4)
Other*	72.6 (52.7 – 92.6)	27.4 (7.4 – 47.3)	98.9 (97.2 – 100)	1.1 (0 – 2.8)	41.5 (19.6 – 63.4)	58.5 (36.6 – 80.4)	99.3 (98.2 – 100)	0.7 (0 – 1.8)
White*	75.5 (71 – 80.1)	24.5 (19.9 – 29)	88.2 (85 – 91.4)	11.8 (98.6 – 15)	33.9 (28.7 – 39.2)	66.1 (60.8 – 71.3)	99.4 (98.8 – 100)	0.6 (0 – 1.2)

* Denotes non-Hispanic. Responses to AQ and CQ questions 7.4, 7.5, 7.6, and 7.8.

Table D-9 (continued)

Population Group	Rodents		Wood burning heating equipment		Unvented gas heating equipment		Carpeting or rugs in bedroom	
	No	Yes	No	Yes	No	Yes	No	Yes
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	88.8 (85 – 92.6)	11.2 (7.4 – 15)	75.2 (71 – 79.4)	24.8 (20.6 – 29)	93.3 (90.7 – 95.9)	6.7 (4.1 – 9.3)	40.3 (35.4 – 45.2)	59.7 (54.8 – 64.6)
Children	88.8 (80.8 – 96.7)	11.2 (3.3 – 19.2)	75.5 (68.1 – 82.9)	24.5 (17.1 – 31.9)	94.6 (90.3 – 98.9)	5.4 (1.1 – 9.7)	55.3 (46 – 64.5)	44.7 (35.5 – 54)
Adults	88.8 (84.5 – 93.1)	11.2 (6.9 – 15.5)	75.1 (70.1 – 80.1)	24.9 (19.9 – 29.9)	92.9 (89.7 – 96.1)	7.1 (3.9 – 10.3)	35 (29.5 – 4.5)	65 (59.5 – 70.5)
Male	91 (85.2 – 96.7)	9 (93.3 – 14.8)	71.8 (64.1 – 79.6)	28.2 (20.4 – 35.9)	92.1 (87.5 – 96.8)	7.9 (3.2 – 12.5)	37.3 (28.8 – 45.7)	62.7 (51.3 – 71.2)
Female	87 (81.9 – 92.1)	13 (7.9 – 18.1)	77.7 (73.2 – 82.1)	22.3 (17.9 – 26.8)	94.2 (91.2 – 97.20)	5.8 (2.8 – 8.8)	42.4 (36.8 – 48.1)	57.6 (51.9 – 63.2)
Hispanic	93.7 (84.9 – 100)	6.3 (0 – 15.1)	85.2 (67.1 – 100)	14.8 (0 – 32.9)	93 (84 – 100)	7 (69.3 – 16)	39.1 (24.2 – 54)	60.9 (46 – 75.8)
Black*	79.5 (51.3 – 100)	20.5 (0 – 48.7)	98.4 (96.2 – 100)	1.6 (0 – 3.8)	99 (97.6 – 100)	1 (0 – 2.4)	50.9 (25.8 – 76)	49.1 (24 – 74.2)
Other*	85.1 (63.3 – 100)	14.9 (0 – 36.7)	69.9 (49.2 – 90.6)	30.1 (9.4 – 50.8)	86.9 (69.3 – 100)	13.1 (0 – 30.7)	47.7 (24.1 – 71.3)	52.3 (28.7 – 75.9)
White*	89 (84.9 – 93.1)	11 (6.9 – 15.1)	73.4 (68.8 – 78)	26.6 (22 – 31.2)	93.5 (90.6 – 96.4)	6.5 (6.3 – 9.4)	39.9 (34.4 – 45.4)	60.1 (54.6 – 65.6)

* Denotes non-Hispanic. Responses to AQ and CQ questions 7.9, 7.10, 7.11, and 7.16.

Table D-10. Exposure to Tobacco Smoke Inside the Home Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Anyone smoked inside home in past week		Adult survey respondent is a tobacco smoker	
	No	Yes	No	Yes
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	91.8 (89.5 – 94)	8.2 (6 – 10.5)	86.1 (82.9 – 89.4)	13.9 (10.6 – 17.1)
Children	96.8 (94.1 – 99.5)	3.2 (0.5 – 5.9)	77.7 (69.4 – 85.9)	22.3 (14.1 – 30.6)
Adults	90 (87.1 – 92.8)	10 (7.2 – 12.9)	89.1 (85.9 – 92.3)	10.9 (7.7 – 14.1)
Male	94.1 (91.1 – 97.2)	5.9 (2.8 – 8.9)	88.7 (83.6 – 93.8)	11.3 (6.2 – 16.4)
Female	89.9 (86.7 – 93)	10.1 (7 – 13.3)	84 (79.7 – 88.3)	11.3 (6.2 – 16.4)
Hispanic	92.7 (86.9 – 98.4)	7.3 (1.6 – 13.1)	78.5 (66.7 – 90.2)	21.5 (9.8 – 33.3)
Black*	82 (68 – 96)	18 (94 – 32)	58.2 (31 – 85.5)	41.8 (14.5 – 69)
Other*	95.5 (89.6 – 98.4)	4.5 (0 – 10.4)	80.3 (61.4 – 99.2)	19.7 (0.8 – 38.6)
White*	92.2 (89.7 – 94.7)	7.8 (5.3 – 10.3)	88.9 (85.7 – 92)	11.1 (8 – 14.3)
* Denotes non-Hispanic.	Response to AQ and CQ items numbered 7.12.		Analysis of BRFSS variable RFSMOK3.	

Table D-11. Actions Taken to Reduce Environmental Exposures Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Air cleaner/purifier regularly used		Dehumidifier regularly used		Kitchen exhaust fan regularly used		Bathroom exhaust fan regularly used	
	No	Yes	No	Yes	No	Yes	No	Yes
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	74.2 (69.8 – 78.7)	25.8 (21.3 – 30.2)	59.9 (54.9 – 64.9)	40.1 (35.1 – 45.1)	44.2 (39.2 – 49.2)	55.8 (50.8 – 60.8)	43 (38 – 48)	57 (52 – 62)
Children	72.1 (63.3 – 80.8)	27.9 (16.2 – 36.7)	59.3 (49.9 – 68.7)	40.7 (31.3 – 50.1)	47.8 (38.3 – 57.3)	52.2 (42.7 – 61.7)	36.3 (27 – 45.6)	63.7 (54.4 – 73)
Adults	75 (69.8 – 80.1)	25 (19.9 – 30.2)	60.1 (54.2 – 66)	39.9 (34 – 45.8)	42.9 (37.1 – 48.8)	57.1 (51.2 – 62.9)	45.3 (39.4 – 51.3)	54.7 (48.7 – 60.6)
Male	74.5 (66.6 – 82.4)	25.5 (17.6 – 33.4)	55.1 (46 – 64.1)	44.9 (35.9 – 54)	44.4 (35.4 – 53.4)	55.6 (46.6 – 64.6)	36.7 (27.7 – 45.7)	63.3 (54.3 – 72.3)
Female	73.9 (98.8 – 78.9)	26.1 (21.1 – 31.2)	63.7 (58.2 – 69.2)	36.3 (30.8 – 41.8)	44.1 (38.4 – 49.7)	55.9 (50.3 – 61.6)	47.7 (42 – 53.3)	52.3 (46.7 – 58)
Hispanic	80.5 (66.7 – 94.2)	19.5 (5.8 – 33.3)	65.6 (49.7 – 81.5)	34.4 (18.5 – 50.3)	41.3 (23.5 – 59)	58.7 (41 – 76.5)	57.7 (41.5 – 73.9)	42.3 (26.1 – 58.5)
Black*	83.6 (71.3 – 95.9)	16.4 (4.1 – 28.7)	65.2 (42.6 – 87.8)	34.8 (12.2 – 57.4)	52 (27.2 – 76.8)	48 (23.2 – 72.8)	56.2 (32.2 – 80.1)	43.8 (19.9 – 67.8)
Other*	83.5 (70.5 – 96.4)	16.5 (3.6 – 29.5)	74.2 (54.2 – 94.1)	25.8 (5.9 – 45.8)	53.6 (30.1 – 77.2)	46.4 (22.8 – 69.9)	61.6 (40.5 – 82.6)	38.4 (17.4 – 59.5)
White*	72.3 (67.2 – 77.4)	27.7 (22.6 – 32.8)	58.8 (53.2 – 64.5)	41.2 (35.5 – 46.8)	43.4 (37.8 – 49)	56.6 (51 – 62.2)	39.6 (34 – 45.2)	60.4 (54.8 – 66)
* Denotes non-Hispanic. Responses to AQ and CQ questions 7.1, 7.2, 7.3, and 7.18.								

Table D-11 (continued)

Population Group	Mattress cover		Pillow cover		Sheets/pillowcases washed in hot water		Pets not allowed in bedroom	
	No	Yes	No	Yes	No	Yes	No	Yes
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	59.5 (54.5 – 64.5)	40.5 (35.5 – 45.5)	63.7 (58.8 – 68.6)	36.3 (31.4 – 41.2)	57.3 (52.2 – 62.3)	42.7 (37.7 – 47.8)	71.5 (65.4 – 77.6)	28.5 (22.4 – 34.6)
Children	53.2 (43.7 – 62.7)	46.8 (37.3 – 56.3)	57.2 (47.7 – 66.7)	42.8 (33.3 – 52.3)	55.4 (45.9 – 65)	44.6 (35 – 54.1)	56.6 (45.3 – 68)	43.4 (32 – 54.7)
Adults	61.8 (55.8 – 67.7)	38.2 (32.3 – 44.2)	66 (60.3 – 71.7)	34 (28.3 – 39.7)	58 (52 – 63.9)	42 (36.1 – 48)	77.8 (70.7 – 84.9)	22.2 (15.1 – 29.3)
Male	59.9 (51 – 68.8)	40.1 (31.2 – 49)	65.9 (57.4 – 74.5)	34.1 (25.5 – 42.6)	58.3 (49.2 – 67.4)	41.7 (32.6 – 50.8)	71.4 (60.3 – 52.6)	28.6 (17.4 – 39.7)
Female	59.3 (53.6 – 65)	40.7 (35 – 46.4)	62.1 (56.5 – 67.7)	37.9 (32.3 – 43.5)	56.6 (51 – 62.2)	43.4 (37.8 – 49)	71.7 (64.9 – 78.5)	28.3 (21.5 – 35.1)
Hispanic	72.1 (58.9 – 85.4)	27.9 (14.6 – 41.1)	76.5 (64.8 – 88.3)	23.5 (11.7 – 35.2)	52.7 (37.6 – 67.8)	47.3 (32.2 – 62.4)	55.5 (29.1 – 81.8)	44.5 (18.2 – 70.9)
Black*	81.6 (68 – 95.3)	18.4 (4.7 – 32)	86.4 (74.2 – 98.6)	13.6 (1.4 – 25.8)	70.5 (49.1 – 92)	29.5 (8 – 50.9)	57.3 (14.2 – 100)	42.7 (0 – 85.8)
Other*	66 (41.8 – 90.3)	34 (9.7 – 58.2)	80.2 (62 – 98.4)	19.8 (1.6 – 38)	53.4 (28.7 – 78)	46.6 (22 – 71.3)	82.8 (54.1 – 100)	17.2 (0 – 45.9)
White*	56.7 (51 – 62.4)	43.3 (37.6 – 49)	60.3 (54.8 – 65.9)	39.7 (34.1 – 45.2)	57.1 (51.5 – 62.7)	42.9 (37.3 – 48.5)	73.5 (67 – 80.1)	26.5 (19.9 – 22)

* Denotes non-Hispanic. Responses to AQ and CQ questions 7.14, 7.15, 7.17, and 7.7.

Lost Productivity and Activity Limitation

Table D-12. Days Unable to Work or Carry Out Usual Activities because of Asthma During the Past 12 Months Among Adults with Current Asthma, Connecticut, ACBS 2007 – 2009

Adults (18+ years old)	0 days	1 – 7 days	8 – 30 days	31 or more days
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	75.7 (70.9 – 80.5)	17.1 (12.6 – 21.5)	5.5 (3.4 – 7.5)	1.8 (0.7 – 2.8)
Male	83.3 (75.3 – 91.4)	8.7 (1.8 – 15.7)	6.3 (2.1 – 10.4)	1.7 (0 – 3.3)
Female	70.7 (65.1 – 76.3)	22.5 (17.1 – 27.9)	4.9 (2.8 – 7.1)	1.8 (0.4 – 3.2)
Hispanic	62 (41.3 – 82.7)	19.4 (5.7 – 33.1)	16.1 (0.7 – 31.5)	2.5 (0 – 7.2)
Black*	77.6 (60.3 – 94.9)	13.2 (0.1 – 26.3)	7.2 (0 – 15.6)	2 (0 – 5.3)
Other*	84.4 (67.3 – 100)	2.9 (0 – 7.5)	7.3 (0 – 21.3)	5.4 (0 – 14.3)
White*	76.6 (71.3 – 81.8)	17.5 (12.5 – 22.5)	4.3 (2.5 – 6.2)	1.6 (0.5 – 2.7)

* Denotes non-Hispanic. Responses to AQ question 5.8A.

Table D-13. Days of School and Day Care Missed During the Past 12 Months because of Asthma Among Children with Current Asthma, Connecticut, ACBS 2007 – 2009

Children (0 – 17 years old)	School			Daycare		
	0 days	1 – 7 days	8 – 30 days	0 days	1 – 7 days	8 – 30 days
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	65.3 (56.7 – 73.9)	25.4 (18 – 32.9)	9.3 (3.5 – 15)	54 (29.8 – 78.2)	35.7 (11.8 – 59.7)	10.3 (0 – 26.7)
Male	69.1 (58.2 – 80)	22.5 (13.1 – 32)	8.4 (1.2 – 15.6)	53.6 (11.9 – 95.2)	46.4 (4.8 – 88.1)	–
Female	59.7 (44.9 – 74.5)	29.7 (16.8 – 42.6)	10.6 (1.2 – 20)	54.2 (23.9 – 84.5)	30.1 (1.5 – 58.6)	15.7 (0 – 39.9)
Hispanic	61.3 (38.7 – 84)	33.2 (11.3 – 55.1)	5.4 (0 – 12.1)	93.7 (78.7 – 100)	6.3 (0 – 21.2)	–
Black*	41.1 (0 – 86.1)	23.5 (0 – 48.1)	35.4 (0 – 73.7)	73.1 (17.1 – 100)	26.9 (0 – 82.9)	–
Other*	43.6 (7 – 80.2)	52.2 (14.3 – 90)	4.2 (0 – 12.8)	40 (0 – 95.4)	51 (0 – 100)	9 (0 – 28.4)
White*	70.6 (61.2 – 80.1)	22 (13.9 – 30.1)	7.3 (1.2 – 13.4)	50.6 (20.7 – 80.5)	35.6 (6 – 65.2)	13.8 (0 – 39.4)

* Denotes non-Hispanic. Responses to CQ questions 10.5 and 10.12.

Table D-14. Days of School and Day Care Missed During the Past 12 Months because of Asthma Among Children with Current Asthma, Connecticut, ACBS 2007 – 2009

Children (0 – 17 years old)	School or Daycare		
	0 days	1 – 7 days	8 – 30 days
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	65.2 (56.7 – 73.7)	23.8 (16.9 – 30.8)	11 (4.8 – 17.2)
Male	69.3 (58.5 – 80)	22.5 (13.2 – 31.8)	8.2 (1.2 – 15.3)
Female	59.2 (44.5 – 73.9)	26.1 (14.6 – 37.7)	14.6 (3.8 – 25.5)
Hispanic	61.3 (38.7 – 84)	32.5 (10.6 – 54.3)	6.2 (0 – 13.1)
Black*	41.1 (0 – 86.1)	23.5 (0 – 48.1)	35.4 (0 – 73.7)
Other*	42 (5.8 – 78.1)	31.4 (0 – 69.1)	26.7 (0 – 63.5)
White*	70.6 (61.3 – 80)	21.4 (13.4 – 29.4)	7.9 (1.9 – 14)

* Denotes non-Hispanic.

Table D-15. Average Number of Days Missed Work (Adults) or School/Daycare (Children) in Past 12 Months Among Person with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Work	School
	Adults (18+ years)	Children (0 – 17 years)
	Percent (95% CI)	Percent (95% CI)
Overall	5.15 (2.84 – 7.45)	2.33 (1.35 – 3.31)
Male	4.48 (1.27 – 7.70)	1.77 (0.80 – 2.75)
Female	5.58 (2.40 – 8.76)	3.08 (1.15 – 5.01)
Hispanic	6.2 (1.46 – 10.96)	2.12 (0.84 – 3.40)
Black*	3.32 (0 – 6.92)	5.34 (0.24 – 10.44)
Other*	22.03 (0 – 59.25)	4.45 (2.13 – 6.77)
White*	4.56 (2.12 – 7.00)	1.86 (0.81 – 2.90)

* Denotes non-Hispanic.

Table D-16. Activity Limitation due to Asthma During the Past 12 Months Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Not at all	A little	A moderate amount	A lot
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	46.1 (41 – 51.2)	38.8 (33.9 – 43.6)	12.5 (9 – 16)	2.7 (1.6 – 3.8)
Children	45.2 (35.8 – 54.6)	42.7 (33.5 – 51.9)	11.3 (5.6 – 16.9)	0.8 (0 – 1.8)
Adults	46.4 (40.4 – 52.4)	37.4 (31.6 – 43.1)	12.9 (8.7 – 17.1)	3.4 (2 – 4.8)
Male	52.6 (43.6 – 61.6)	30.8 (22.7 – 38.9)	15 (8.1 – 21.8)	1.6 (0.5 – 2.8)
Female	40.8 (35.3 – 46.3)	45.1 (39.4 – 50.7)	10.6 (7.6 – 13.6)	3.5 (1.9 – 5.2)
Hispanic	39.8 (21.7 – 57.9)	36.4 (21.5 – 51.4)	22 (9.7 – 34.3)	1.8 (0.1 – 3.4)
Black*	48.4 (22.8 – 74)	26.8 (9.8 – 43.8)	23.8 (3.4 – 44.2)	1 (0 – 1.9)
Other*	47.4 (23.9 – 70.9)	31.3 (9.2 – 53.5)	16.3 (0 – 34.6)	4.9 (0 – 10.9)
White*	46.7 (41.1 – 52.4)	40.4 (34.9 – 46)	10 (6.3 – 13.8)	2.8 (1.6 – 4.1)

* Denotes non-Hispanic. Responses to AQ question 5.9 and CQ question 5.6.

Asthma Control

The classification of asthma control is based on responses to ACBS questions about the occurrence of asthma symptoms, asthma-related sleep difficulty, interference of asthma with normal activities, and use of short-acting beta agonists.

Table D-17. Classification of Asthma Control by Selected Population Demographics Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Classification of Asthma Control		
	Well-controlled	Not well-controlled	Very poorly controlled
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	34.1 (29.2 – 38.9)	48.2 (43.2 – 53.2)	17.8 (13.5 – 22)
Children	36.7 (27.7 – 45.7)	51 (41.6 – 60.4)	12.3 (5 – 19.6)
Adults	33.1 (27.4 – 38.9)	47.2 (41.3 – 53.1)	19.7 (14.5 – 24.8)
Male	38.5 (29.6 – 47.3)	42.5 (33.7 – 51.3)	19 (11.4 – 26.7)
Female	30.6 (25.5 – 35.7)	52.5 (46.9 – 58.2)	16.9 (12.1 – 21.6)
Hispanic	23.5 (9.2 – 37.9))	56.2 (40 – 72.4)	20.3 (9.9 – 30.7)
Black*	26 (4.3 – 47.7)	56 (31.3 – 80.8)	18 (0 – 36.5)
Other*	40.1 (16.6 – 63.7)	55 (31.5 – 78.5)	4.9 (0 – 10.9)
White*	35.9 (30.5 – 41.4)	46.6 (41.1 – 52.2)	17.4 (12.5 – 22.4)

* Denotes non-Hispanic.

Table D-18. Classification of Asthma Control by Age Group Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Age Group	Classification of Asthma Control		
	Well-controlled	Not well-controlled	Very poorly controlled
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
0 – 4 years	25.1 (3.9 – 46.3)	53 (24.7 – 81.4)	21.9 (3.4 – 40.4)
5 – 11 years	39.7 (25.4 – 54)	47.3 (32.9 – 61.8)	13 (0 – 26.5)
12 – 17 years	35.1 (22 – 48.3)	55.7 (42 – 69.3)	9.2 (0.8 – 17.6)
18 – 24 years	39 (13 – 65)	34.5 (10.8 – 58.1)	26.5 (4.3 – 48.8)
25 – 34 years	29.6 (13.6 – 45.5)	47.7 (29.3 – 66)	22.8 (5 – 40.5)
35 – 44 years	31.1 (19.5 – 72.7)	51.3 (39.2 – 63.4)	17.7 (8.5 – 26.8)
45 – 54 years	35.7 (26.3 – 45.2)	50.4 (40.7 – 60.1)	13.9 (7.3 – 20.4)
55 – 64 years	31.9 (22.9 – 40.9)	47.4 (38.2 – 56.6)	20.7 (13.2 – 28.3)
65+ years	33.3 (25.4 – 41.2)	47.5 (39.4 – 55.5)	19.2 (13.3 – 25.1)

Table D-19. Classification of Asthma Control by Household Income Among Person with Current Asthma, Connecticut, ACBS 2007 – 2009

Household Income	Classification of Asthma Control		
	Well-controlled	Not well-controlled	Very poorly controlled
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
< \$15,000	27.1 (5.1 – 49)	42.6 (25 – 60.3)	30.3 (15.5 – 45.1)
\$15,000-\$24,999	14.4 (5.8 – 23)	47.2 (32.2 – 62.3)	38.3 (21.4 – 55.3)
\$25,000-\$34,999	31.7 (14.8 – 48.6)	54.4 (35.9 – 73)	13.9 (4.9 – 22.9)
\$35,000-\$49,999	24.9 (5.6 – 44.2)	58.5 (40.2 – 76.9)	16.5 (5 – 28.1)
\$50,000-\$74,999	32.7 (20.1 – 45.3)	60.7 (48.2 – 73.2)	6/6 (1/7 – 11.5)
\$75,000+	25.1 (33 – 47.6)	45.5 (37.7 – 53.3)	14.2 (7.3 – 21)

Medication

Table D-20. Asthma Medication Use Among Persons with Current Asthma in Past 3 Months, Connecticut, ACBS 2007 – 2009

Population Group	Prescription asthma medication use	Control medication	Rescue medication
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	67.9 (63.1 – 72.6)	40.0 (35.3 – 44.7)	55.7 (50.6 – 60.7)
Children	65.3 (56.1 – 74.6)	35.2 (26.8 – 43.5)	59.2 (49.6 – 68.7)
Adults	68.8 (63.2 – 74.3)	41.7 (36.0 – 47.4)	54.4 (48.5 – 60.4)
Male	67.9 (59.4 – 76.4)	35.3 (27.1 – 43.4)	56.4 (47.3 – 65.6)
Female	67.7 (62.4 – 73.0)	43.4 (37.9 – 48.9)	55.1 (49.5 – 60.8)
Hispanic	76.3 (64.2 – 88.4)	42.6 (27.1 – 58.1)	66.9 (53.3 – 80.5)
Black*	72.8 (52.1 – 93.5)	27.0 (13.7 – 40.3)	70.5 (49.9 – 91.0)
Other*	51.9 (30.2 – 73.6)	37.6 (23.5 – 51.8)	44.0 (21.3 – 66.7)
White*	67.1 (61.7 – 72.5)	40.4 (35.1 – 45.7)	54.2 (48.5 – 59.9)

* Denotes non-Hispanic. Responses to AQ and CQ questions 8.9, 8.21, 8.24, and 8.27.

Table D-21. Asthma Medication Use Among Persons with Current Asthma in Past 3 Months, Connecticut, ACBS 2007 – 2009

Population Group	Control only	Rescue only	Control & rescue
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	11.7 (9.0 – 14.4)	28.1 (22.9 – 33.4)	27.5 (23.4 – 31.7)
Children	5.5 (2.2 – 8.8)	30.2 (20.2 – 40.2)	29.3 (21.2 – 37.3)
Adults	13.9 (10.4 – 17.4)	27.4 (21.2 – 33.6)	26.9 (22.1 – 31.8)
Male	10.7 (5.7 – 15.6)	33.1 (23.7 – 42.6)	23.5 (16.8 – 30.3)
Female	12.3 (9.3 – 15.2)	24.5 (18.7 – 30.2)	30.6 (25.5 – 35.7)
Hispanic	9.4 (2.3 – 16.4)	33.7 (15.2 – 52.2)	33.2 (19.6 – 46.8)
Black*	2.3 (-0.8 – 5.4)	45.5 (26.9 – 64.0)	24.5 (11.6 – 37.4)
Other*	6.1 (-2.1 – 14.4)	14.8 (-6.5 – 36.0)	29.2 (15.9 – 42.5)
White*	12.3 (9.2 – 15.4)	27.0 (21.3 – 32.8)	27.2 (22.6 – 31.9)

* Denotes non-Hispanic. Responses to AQ and CQ questions 8.8, 8.20, 8.23, and 8.25.

Table D-22. Proper Use of Inhaled Control & Rescue Medications Among Persons with Current Asthma in Past 3 Months, Connecticut, ACBS 2007 – 2009

Population Group	Proper use of control medication	Proper use of rescue medication
	Percent (95% CI)	Percent (95% CI)
Overall	56.6 (49.8 – 63.4)	64.8 (58.0 – 71.6)
Children	43.1 (29.7 – 56.5)	56.9 (43.6 – 70.2)
Adults	60.2 (52.3 – 68.0)	67.7 (59.5 – 75.4)
Male	57.3 (45.5 – 69.1)	63.3 (51.5 – 75.2)
Female	55.8 (47.5 – 64.1)	65.8 (57.9 – 73.8)
Hispanic	31.4 (12.9 – 49.8)	51.4 (30.4 – 72.4)
Black*	48.2 (34.2 – 62.2)	65.6 (58.4 – 72.8)
Other*	50.9 (42.3 – 59.5)	93.2 (85.3 – 101)
White*	60.6 (52.9 – 68.2)	65.2 (57.5 – 72.8)

* Denotes non-Hispanic. Responses to questions in the Medications section of the AQ and CQ.

Health Care Utilization

Table D-23. Last Talked With Doctor or Other Health Care Professional About Asthma Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Within past year	1 to < 3 years ago	3 – 5 years ago	> 5 years ago	Never
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	73.3 (68.6 – 78)	18 (13.7 – 22.2)	3.9 (2.1 – 5.8)	4.6 (2.5 – 6.7)	0.2 (0 – 0.5)
Children	81.6 (74.5 – 88.7)	16.4 (9.5 – 23.4)	1.4 (0 – 2.9)	0 (0 – 0.1)	0.5 (0 – 1.3)
Adults	70.4 (64.7 – 76.1)	18.5 (13.3 – 23.6)	4.8 (2.4 – 7.2)	6.2 (3.4 – 9)	0.2 (0 – 0.3)
Male	69.2 (60.4 – 78)	22.7 (14.5 – 30.9)	3.8 (0.2 – 7.4)	4 (0.2 – 7.9)	0.3 (0 – 0.6)
Female	76.3 (71.8 – 80.9)	14.3 (10.5 – 18.2)	4 (2.2 – 5.9)	5 (2.8 – 7.2)	0.2 (0 – 0.6)
Hispanic	81.2 (66.1 – 96.2)	9.9 (0 – 22.9)	5.2 (0 – 14)	3.8 (0 – 8.2)	—
Black*	91.4 (84.5 – 98.3)	6 (0.5 – 11.5)	0.9 (0 – 2.4)	1.7 (0 – 4.7)	—
Other*	60.9 (36.9 – 84.9)	29.7 (5.9 – 53.6)	0.8 (0 – 2.3)	8.6 (0 – 20.4)	—
White*	71.7 (66.4 – 77)	19.3 (14.5 – 24.2)	4 (2 – 6.1)	4.6 (2.2 – 7.1)	0.3 (0 – 0.6)

* Denotes non-Hispanic. Responses to AQ and CQ items numbered 3.3.

Table D-24. Number of Routine Checkups for Asthma in Past 12 Months Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	None	One	2 – 5 visits	6 or more visits
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	40.1 (35.1 – 45.2)	29.1 (24.3 – 33.9)	27.2 (23 – 31.5)	3.6 (2.2 – 4.9)
Children	30.6 (22.1 – 39.1)	31.2 (22.4 – 40.1)	34.3 (25.4 – 43.2)	3.8 (0.3 – 7.4)
Adults	43.5 (37.5 – 49.5)	28.3 (22.6 – 34)	24.7 (20.1 – 29.4)	3.5 (2.1 – 4.8)
Male	44.4 (35.3 – 53.3)	30 (21.3 – 38.6)	22.6 (16.2 – 29)	3 (0.7 – 5.3)
Female	36.9 (31.6 – 42.2)	28.3 (23 – 33.5)	31 (25.6 – 36.5)	3.8 (2.2 – 5.3)
Hispanic	26.5 (10.6 – 42.3)	28.8 (11.1 – 46.5)	39 (23.8 – 54.2)	5.7 (1.3 – 10.2)
Black*	21.4 (0.5 – 42.3)	13.8 (2.1 – 25.5)	53.3 (28.4 – 78.3)	11.5 (0 – 29.7)
Other*	54.2 (30.8 – 77.6)	1.2 (11.8 – 57.1)	34.4 (11.8 – 57.1)	10.2 (0 – 21.6)
White*	42.5 (36.8 – 48.1)	31 (25.6 – 36.4)	24 (19.5 – 28.5)	2.5 (1.5 – 3.6)

* Denotes non-Hispanic. Responses to AQ item 5.1 and CQ item 5.7.

Table D-26. Number of Emergency Room or Urgent Care Center Visits for Asthma in Past 12 Months by Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	None	One	Two or more
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	89 (85.4 – 92.5)	5.8 (3.2 – 8.5)	5.2 (2.7 – 7.7)
Children	88.2 (92.3 – 94)	7.3 (2.1 – 12.5)	4.6 (1.6 – 7.5)
Adults	89.2 (85 – 93.5)	5.3 (2.3 – 8.4)	5.4 (2.2 – 8.6)
Male	89.1 (83.3 – 95)	5.5 (0.8 – 10.1)	5.4 (1.5 – 9.3)
Female	88.8 (84.5 – 93)	6.1 (3.1 – 9.2)	5.1 (1.8 – 8.4)
Hispanic	81.9 (72 – 91.8)	3.8 (0 – 7.6)	14.3 (5.3 – 23.3)
Black*	75.2 (54.7 – 95.7)	15.7 (0 – 34.2)	9.1 (0 – 19.7)
Other*	83.3 (64.5 – 100)	12.3 (0 – 29.9)	4.4 (0 – 12.8)
White*	90.5 (86.5 – 94.5)	5.4 (2.4 – 8.3)	4.1 (1.3 – 7)

* Denotes non-Hispanic. Responses to AQ item 5.3 and CQ item 5.9.

Table D-27. Number of Doctor Visits for Urgent Treatment of Worsening Asthma Symptoms in Past 12 Months by Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	None	One	Two or more
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	74.5 (70.2 – 78.9)	12.4 (9.1 – 15.7)	13.1 (9.8 – 16.4)
Children	70.8 (62.6 – 79)	12.5 (6.8 – 18.3)	16.6 (10 – 23.3)
Adults	75.8 (70.7 – 81)	12.3 (8.4 – 16.3)	11.8 (8 – 15.6)
Male	80 (73 – 87)	10.7 (4.9 – 16.5)	9.3 (4.07 – 13.9)
Female	70.2 (64.8 – 75.5)	13.8 (10 – 17.6)	16.1 (11.5 – 20.7)
Hispanic	59 (41.7 – 76.3)	18.6 (0.4 – 36.7)	22.4 (11.1 – 33.8)
Black*	66.3 (44.1 – 88.4)	5.1 (0.3 – 9.9)	28.7 (7.2 – 50.1)
Other*	60.3 (36.7 – 84)	25.4 (3.8 – 46.9)	14.3 (0 – 31.3)
White*	77.5 (72.9 – 82.1)	11.3 (8.1 – 14.6)	11.1 (7.5 – 14.8)

* Denotes non-Hispanic. Responses to AQ question 5.4 and CQ questions 5.10.

Alternative Care

Table D-24. Alternative Self-Care Therapies Used to Control Asthma in Past 12 Months Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Herbs	Vitamins	Aromatherapy	Homeopathy	Yoga	Breathing Techniques	At least one self-care therapy
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	2.3 (1.1 – 3.4)	8.3 (5.3 – 11.2)	3.5 (1.2 – 5.7)	2.7 (0 – 5.5)	3.1 (1.9 – 4.3)	25.5 (20.9 – 30)	33.2 (28.2 – 38.1)
Children	0.3 (0 – 0.7)	8.8 (2.3 – 15.3)	2 (0 – 4.4)	0.9 (0 – 2.6)	2.5 (0.1 – 4.9)	18.7 (10.6 – 26.8)	23.8 (15.3 – 32.2)
Adults	3 (1.4 – 4.5)	8.1 (4.8 – 11.4)	4 (1 – 6.9)	3.4 (0 – 7.1)	3.3 (2 – 4.7)	27.8 (22.4 – 33.2)	36.5 (30.6 – 42.4)
Male	2 (0 – 4)	8.6 (3.4 – 13.7)	4.1 (0 – 8.9)	5.1 (0 – 11.3)	1.9 (0.3 – 3.4)	22.2 (14.6 – 29.9)	31.4 (22.6 – 40.2)
Female	2.5 (1.3 – 3.8)	8.9 (4.6 – 11.5)	3 (1.4 – 4.6)	0.9 (0.2 – 1.6)	4.1 (2.4 – 5.8)	28.1 (22.7 – 33.5)	34.7 (29.2 – 40.2)
Hispanic	6 (0 – 14.9)	14.4 (3.3 – 25.4)	2.1 (0 – 5.3)	2.6 (0 – 7.4)	0.2 (0 – 0.5)	26.9 (14.3 – 39.5)	42.4 (26.5 – 58.3)
Black*	1 (0 – 2.8)	3 (0 – 7.4)	3.2 (0 – 8.3)	—	2.6 (0 – 6.9)	19.9 (0.5 – 39.2)	25.1 (4.8 – 45.3)
Other*	4.8 (0 – 1.8)	15.6 (0 – 31.8)	1.7 (0 – 4.5)	0.3 (0 – 0.8)	3.5 (2.1 – 4.9)	24.6 (2.4 – 46.9)	38.6 (4.7 – 62.5)
White*	1.8 (0.9 – 2.7)	7.6 (4.2 – 11)	3.7 (1 – 6.5)	3 (0 – 6.4)	3 (0 – 7.3)	25.7 (20.5 – 30.9)	32.5 (26.9 – 38.1)
* Denotes non-Hispanic. Responses to AQ questions 12.1, 12.2, 12.5, 12.6, 12.8, and 12.9; and CQ questions 11.1, 11.2, 11.5, 11.6, 11.8, and 11.9.							

Table D-25. Alternative Practitioner-Care Therapies Used to Control Asthma in Past 12 Months Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Population Group	Acupuncture	Acupressure	Reflexology	Naturopathy	At least one practitioner-care therapy
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Overall	1.2 (0.2 – 2.2)	1.5 (0 – 3.1)	1.1 (0.4 – 1.7)	2 (0.2 – 3.8)	4.1 (2 – 6.2)
Children	0.2 (0 – 0.5)	0.5 (0 – 1.4)	0.4 (0 – 1.1)	1.9 (0 – 5.2)	3 (0 – 6.5)
Adults	1.6 (0.3 – 2.9)	1.9 (0 – 3.9)	1.3 (0.5 – 2.1)	2 (0 – 4.1)	4.5 (2 – 7.1)
Male	1.6 (0 – 3.6)	2.1 (0 – 5.5)	0.4 (0 – 0.8)	3.2 (0 – 7.1)	5.4 (1 – 9.8)
Female	0.9 (0.2 – 1.7)	1 (0.1 – 1.9)	1.6 (0.5 – 2.7)	1.1 (0.2 – 1.9)	3.1 (1.6 – 4.6)
Hispanic	6.8 (0 – 16)	—	1.6 (0 – 4.6)	0.3 (0 – 1)	8.7 (0 – 18.2)
Black*	—	—	1.3 (0 – 3.8)	10 (0 – 28.2)	10 (0 – 28.2)
Other*	—	—	—	1.7 (0 – 5.2)	3 (0 – 7.3)
White*	0.7 (0.2 – 1.3)	1.8 (0 – 3.8)	1.1 (0.4 – 1.8)	1.8 (0 – 3.7)	3.4 (1.3 – 5.5)
* Denotes non-Hispanic. Responses to AQ questions 12.3, 12.4, 12.7, and 12.10; and CQ questions 11.3, 11.4, 11.7, and 11.10.					

Table D-26. Education from Health Professional about Asthma Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Has a doctor or other health professional ever taught you...	Overall	Child	Adult	Male	Female	Hispanic	Black*	Other*	White*
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
How to recognize early signs or symptoms of an asthma episode?	73.6 (69.1 – 78)	87.2 (81.7 – 92.7)	68.7 (63.1 – 74.3)	72.2 (63.6 – 80.9)	74.4 (70.1 – 78.7)	79.9 (67.2 – 92.6)	85.3 (74.7 – 95.8)	77.8 (59.8 – 95.9)	71.8 (66.6 – 77)
What to do during an asthma episode or attack?	83.3 (80.1 – 86.5)	88.2 (81..8 – 94.5)	81.6 (77.9 – 85.4)	85.9 (80.6 – 91.2)	81.3 (77.4 – 85.2)	75.5 (62.6 – 88.4)	88.8 (79.4 – 98.2)	88.4 (76.1 – 100)	83.8 (80.3 – 87.4)
How to use a peak flow meter to adjust your daily medications?	44.7 (39.7 – 49.7)	48.3 (42.3 – 61)	43.5 (37.5 – 49.4)	45 (36 – 54)	44.2 (38.7 – 49.8)	60.1 (43.8 – 76.5)	39.1 (16.2 – 62)	40.2 (16.9 – 63.4)	43.3 (37.8 – 48.9)
* Denotes non-Hispanic. Responses to AQ and CQ questions 6.1 – 6.3.									

Table D-27. Ever Received and Asthma Action Plan from a Health Professional Among Persons with Current Asthma, Connecticut, ACBS 2007 – 2009

Question	Overall	Child	Adult	Male	Female	Hispanic	Black*	Other*	White*
	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)	Percent (95% CI)
Has a doctor or other health professional ever given you an asthma action plan?	34.3 (29.5 – 39)	56 (46.5 – 65.5)	26.8 (21.6 – 32)	40.8 (32 – 49.6)	29.1 (24.1 – 34)	38.2 (23.3 – 53.2)	20.5 (1.2 – 39.8)	27.6 (7.2 – 48)	34.7 (29.3 – 40.1)
* Denotes non-Hispanic. Responses to AQ and CQ items numbered 6.4.									