

TABLE 4. Asthma Indicators by Use of Rescue Inhaler among adults with current asthma in Iowa: BRFSS 2005.

Indicator	Total			Rescue Inhaler						P*
				Any			None			
	n	%	se	n	%	se	n	%	se	
Age at Diagnosis (onset)	321			137			184			0.44 **
Child (<18)	121	48.7	3.5	56	51.8	5.4	65	46.3	4.5	
Adult (>=18)	200	51.3	3.5	81	48.2	5.4	119	53.7	4.5	
Attack	323			137			186			<.0001 **
Did not have attack	171	54.0	3.4	36	27.7	4.5	135	73	4	
Had attack	152	46.0	3.4	101	72.3	4.5	51	27	4	
Emergency Department Visits	325			138			187			<0.01 **
No visit	291	88.2	2.7	108	74.1	5.6	183	98.4	0.9	
Any visit	34	11.8	2.7	30	25.9	5.6	4	1.6	0.9	<0.01 ***
One visit	22	6.8	2.0	20	15.1	4.4	2	0.7	0.5	
Two or more visits	12	5.0	2.0	10	10.8	4.5	2	0.9	0.7	
Urgent Doctor Visits	324			138			186			<.0001 **
No visit	241	75.1	2.9	84	60.1	5.1	157	86.1	2.8	
Any visit	83	24.9	2.9	54	39.9	5.1	29	13.9	2.8	<.0001 ***
One visit	39	10.5	1.9	19	11.7	2.8	20	9.6	2.4	
Two or more visits	44	14.4	2.5	35	28.2	5.1	9	4.3	1.5	
Routine Doctor Visits	321			135			186			0.07 **
No visits	157	52.9	3.5	50	45.3	5.8	107	58.3	4.6	
Any visit	164	47.1	3.5	85	54.7	5.8	79	41.7	4.6	<0.01 ***
One visit	86	25.8	3.0	34	23.2	3.8	52	27.8	4.2	
Two visits	45	13.4	2.2	28	17.7	3.6	17	10.4	2.7	
Three or more visits	33	7.9	1.5	23	13.8	3.3	10	3.5	1.3	
Activity Limitation	318			135			183			<.0001 **
No days	253	80.2	2.8	88	66.3	5.1	165	90.3	2.5	
Any days	65	19.8	2.8	47	33.7	5.1	18	9.7	2.5	<0.01 ***
1-10 days	43	14.2	2.5	31	24.3	4.8	12	6.9	2.2	
> 10 days	22	5.6	1.5	16	9.4	3.0	6	2.8	1.3	
Days with Symptoms	320			134			186			<.0001 **
No days	88	25.2	2.8	9	4.9	1.8	79	39.7	4.3	
Any days	232	74.8	2.8	125	95.1	1.8	107	60.3	4.3	<.0001 ***
< once a week	77	29.6	3.4	46	41.0	5.8	31	21.4	3.8	
once, or more, a week	95	29.5	3.2	51	36.5	5.1	44	24.6	4.1	
every day	60	15.7	2.3	28	17.6	3.9	32	14.3	2.6	
Days with Sleep Disturbance	322			137			185			<.0001 **
No days	219	65.1	3.5	71	45.3	5.2	148	79.4	3.9	
Any days	103	34.9	3.5	66	54.7	5.2	37	20.6	3.9	<.0001 ***
1-2 days	35	16.3	3.1	19	23.9	5.3	16	10.8	3.4	
3-10 days	39	11.5	2.3	26	18.8	4.5	13	6.2	1.8	
> 10 days	29	7.1	1.6	21	12.0	3.2	8	3.6	1.4	

* P: Wald chi-square test for the general association between each Indicator and Use of Rescue Inhaler.

** chi-square for 2 category Indicator.

*** chi-square for 3 to 5 category Indicator.

N/A: a chi-square could not be calculated because at least one cell had a zero count