

TABLE 3. Asthma Indicators by Use of Preventive Medication among adults with current asthma in Iowa: BRFSS 2005.

Indicator	Total			Preventive Medication						P*
				Any			None			
	n	%	se	n	%	se	n	%	se	
Age at Diagnosis (onset)	324			217			107			<0.01 **
Child (<18)	120	48.3	3.4	71	41.5	4.3	49	60.2	5.1	
Adult (>=18)	204	51.7	3.4	146	58.5	4.3	58	39.8	5.1	
Attack	328			218			110			<0.01 **
Did not have attack	173	53.5	3.4	99	46.4	4.3	74	65.7	5.9	
Had attack	155	46.5	3.4	119	53.6	4.3	36	34.3	5.9	
Emergency Department Visits	330			219			111			<0.01 **
No visit	295	87.9	2.7	189	82.8	4.0	106	96.6	1.7	
Any visit	35	12.1	2.7	30	17.2	4.0	5	3.4	1.7	N/A ***
One visit	22	6.7	2.0	17	8.6	2.9	5	3.4	1.7	
Two or more visits	13	5.4	2.0	13	8.6	3.1	0			
Urgent Doctor Visits	329			218			111			<.0001 **
No visit	245	75.0	2.8	148	65.7	3.9	97	91.0	2.6	
Any visit	84	25.0	2.8	70	34.3	3.9	14	9.0	2.6	<.0001 ***
One visit	37	10.2	1.9	30	13.5	2.8	7	4.4	1.7	
Two or more visits	47	14.8	2.5	40	20.8	3.7	7	4.6	2.0	
Routine Doctor Visits	326			215			111			<.0001 **
No visits	157	51.9	3.5	74	40.3	4.5	83	71.4	5.9	
Any visit	169	48.1	3.5	141	59.7	4.5	28	28.6	5.9	<.0001 ***
One visit	86	25.7	3.0	64	27.5	3.5	22	22.7	5.5	
Two visits	48	14.2	2.2	44	19.7	3.1	4	4.9	2.7	
Three or more visits	35	8.2	1.6	33	12.5	2.4	2	1.0	0.8	
Activity Limitation	320			210			110			<0.01 **
No days	255	80.1	2.8	157	72.9	4.0	98	92.3	2.6	
Any days	65	19.9	2.8	53	27.1	4.0	12	7.7	2.6	<0.01 ***
1-10 days	42	13.9	2.5	34	18.7	3.7	8	5.9	2.4	
> 10 days	23	6.0	1.5	19	8.4	2.3	4	1.8	1.0	
Days with Symptoms	326			219			107			<.0001 **
No days	89	24.9	2.8	40	14.8	2.6	49	42.7	5.5	
Any days	237	75.1	2.8	179	85.2	2.6	58	57.3	5.5	<.0001 ***
< once a week	78	29.5	3.4	49	27.7	4.3	29	32.5	5.2	
once, or more, a week	97	29.9	3.2	75	35.7	4.0	22	19.8	5.4	
every day	62	15.7	2.3	55	21.8	3.3	7	5.0	1.9	
Days with Sleep Disturbance	327			216			111			<.0001 **
No days	223	65.3	3.5	128	54.4	4.1	95	83.7	5.1	
Any days	104	34.7	3.5	88	45.6	4.1	16	16.3	5.1	<.0001 ***
1-2 days	34	16.0	3.0	24	17.8	3.7	10	13.0	5.1	
3-10 days	38	11.1	2.2	34	16.5	3.3	4	2.0	1.1	
> 10 days	32	7.6	1.6	30	11.3	2.5	2	1.3	0.6	

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

** chi-square for 2 category Indicator.

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

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