

TABLE 3. Asthma Indicators by Use of Preventive Medication among adults with current asthma in Virginia: BRFSS 2007.

Indicator	Total			Use of Preventive Medication						P*
				Any			None			
	n	%	se	n	%	se	n	%	se	
Age at Diagnosis (onset)	466			325			141			0.12 **
Child (<18)	150	40.3	3.4	96	36.0	3.6	54	47.8	4.7	
Adult (>=18)	316	59.7	3.4	229	64.0	3.6	87	52.2	4.7	
Attack	477			332			145			<.0001 **
Did not have attack	225	46.2	3.4	127	32.9	3.5	98	70.3	3.8	
Had attack	252	53.8	3.4	205	67.1	3.5	47	29.7	3.8	
Emergency Department Visits	482			337			145			<0.01 **
No visit	399	83.4	2.5	264	78.6	3.0	135	92.1	2.0	
Any visit	83	16.6	2.5	73	21.4	3.0	10	7.9	2.0	0.01 ***
One visit	38	7.4	1.6	32	8.9	1.3	6	4.6	1.9	
Two or more visits	45	9.2	2.0	41	12.5	2.8	4	3.3	0.8	
Urgent Doctor Visits	476			332			144			<0.01 **
No visit	321	67.1	3.2	200	59.2	3.8	121	81.3	3.0	
Any visit	155	32.9	3.2	132	40.8	3.8	23	18.7	3.0	<.0001 ***
One visit	61	15.2	2.5	45	15.0	2.7	16	15.6	2.7	
Two or more visits	94	17.7	2.6	87	25.8	3.4	7	3.1	1.4	
Routine Doctor Visits	477			335			142			<.0001 **
No visits	188	45.2	3.3	88	28.3	3.2	100	75.9	3.2	
Any visit	289	54.8	3.3	247	71.7	3.2	42	24.1	3.2	<.0001 ***
One visit	130	26.7	2.9	102	31.4	3.5	28	18.0	2.9	
Two visits	62	14.3	2.5	56	20.0	3.1	6	3.9	1.8	
Three or more visits	97	13.8	2.0	89	20.3	3.0	8	2.2	0.4	
Activity Limitation	391			278			113			<.0001 **
No days	261	67.9	3.4	163	57.8	4.2	98	87.6	1.5	
Any days	130	32.1	3.4	115	42.2	4.2	15	12.4	1.5	<.0001 ***
1-10 days	88	24.1	3.3	76	31.3	4.3	12	10.0	1.3	
> 10 days	42	8.0	1.6	39	10.9	2.3	3	2.4	0.9	
Days with Symptoms	476			332			144			<.0001 **
No days	131	34.3	3.5	58	19.6	3.4	73	61.0	4.2	
Any days	345	65.7	3.5	274	80.4	3.4	71	39.0	4.2	<.0001 ***
< once a week	95	19.4	2.4	67	20.5	2.8	28	17.2	3.3	
once, or more, a week	148	26.9	2.9	122	34.6	3.6	26	12.9	3.4	
every day	102	19.4	2.7	85	25.3	3.7	17	8.9	1.7	
Days with Sleep Disturbance	473			328			145			<.0001 **
No days	318	67.9	3.1	193	58.7	3.7	125	84.4	3.5	
Any days	155	32.1	3.1	135	41.3	3.7	20	15.6	3.5	<0.01 ***
1-2 days	64	12.9	2.2	55	15.7	2.7	9	8.0	3.2	
3-10 days	52	10.3	2.0	48	14.4	2.9	4	2.9	1.7	
> 10 days	39	8.9	2.0	32	11.2	2.1	7	4.7	0.8	

* 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.