

TABLE 3. Asthma Indicators by Use of Preventive Medication among adults with current asthma in West Virginia: BRFSS 2006.

Indicator	Total			Preventive Medication						P*
				Any			None			
	n	%	se	n	%	se	n	%	se	
Age at Diagnosis (onset)	302			186			116			0.36 **
Child (<18)	101	41.1	3.9	55	38.3	5.4	46	45.5	5.6	
Adult (>=18)	201	58.9	3.9	131	61.7	5.4	70	54.5	5.6	
Attack	325			192			133			<0.01 **
Did not have attack	160	46.8	3.6	80	38.8	5.0	80	58.2	4.9	
Had attack	165	53.2	3.6	112	61.2	5.0	53	41.8	4.9	
Emergency Department Visits	331			196			135			0.02 **
No visit	278	81.3	3.5	154	75.3	5.1	124	90.0	3.7	
Any visit	53	18.7	3.5	42	24.7	5.1	11	10.0	3.7	0.05 ***
One visit	28	8.3	1.8	21	10.6	2.6	7	5.0	2.1	
Two or more visits	25	10.4	3.3	21	14.1	5.0	4	5.0	3.2	
Urgent Doctor Visits	328			195			133			<.0001 **
No visit	241	76.0	2.8	122	65.8	4.5	119	90.9	2.6	
Any visit	87	24.0	2.8	73	34.2	4.5	14	9.1	2.6	<.0001 ***
One visit	33	9.3	1.8	25	12.0	2.7	8	5.5	2.0	
Two or more visits	54	14.7	2.3	48	22.2	3.7	6	3.6	1.7	
Routine Doctor Visits	322			192			130			<.0001 **
No visits	148	44.3	3.6	55	23.0	3.6	93	75.0	4.5	
Any visit	174	55.7	3.6	137	77.0	3.6	37	25.0	4.5	<.0001 ***
One visit	55	20.8	3.7	41	27.1	5.6	14	11.7	3.8	
Two visits	30	11.7	2.8	24	17.2	4.5	6	3.7	1.7	
Three or more visits	89	23.2	2.7	72	32.7	4.3	17	9.6	2.5	
Activity Limitation	295			171			124			<0.01 **
No days	211	70.5	3.9	104	60.6	5.6	107	84.0	4.4	
Any days	84	29.5	3.9	67	39.4	5.6	17	16.0	4.4	<0.01 ***
1-10 days	49	19.6	3.8	40	26.6	5.7	9	10.1	4.0	
> 10 days	35	9.9	1.8	27	12.8	2.8	8	5.9	2.3	
Days with Symptoms	323			193			130			<.0001 **
No days	90	24.6	2.8	36	14.3	2.6	54	39.6	5.0	
Any days	233	75.4	2.8	157	85.7	2.6	76	60.4	5.0	<.0001 ***
< once a week	65	22.0	3.1	38	20.9	4.0	27	23.6	4.9	
once, or more, a week	91	29.8	3.7	57	33.1	5.3	34	25.0	4.4	
every day	77	23.6	3.1	62	31.7	4.7	15	11.8	3.1	
Days with Sleep Disturbance	322			192			130			<0.01 **
No days	206	61.3	3.7	107	51.1	5.2	99	76.3	4.3	
Any days	116	38.7	3.7	85	48.9	5.2	31	23.7	4.3	<0.01 ***
1-2 days	30	11.4	2.5	20	14.3	3.8	10	7.1	2.5	
3-10 days	52	18.3	3.2	38	23.4	4.8	14	10.8	3.3	
> 10 days	34	9.0	1.7	27	11.2	2.4	7	5.8	2.4	

* 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.