

TABLE 4. Asthma Indicators by Use of Rescue Inhaler among adults with current asthma in Pennsylvania: BRFSS 2007.

Indicator	Total			Use of Rescue Inhaler						P*
				Any			None			
	n	%	se	n	%	se	n	%	se	
Age at Diagnosis (onset)	1,084			549			535			0.59 **
Child (<18)	338	47.0	3.3	162	48.8	4.8	176	45.3	4.4	
Adult (>=18)	746	53.0	3.3	387	51.2	4.8	359	54.7	4.4	
Attack	1,126			574			552			<.0001 **
Did not have attack	598	49.2	3.1	185	24.5	3.5	413	73.1	3.8	
Had attack	528	50.8	3.1	389	75.5	3.5	139	26.9	3.8	
Emergency Department Visits	1,129			573			556			<.0001 **
No visit	961	88.8	1.6	449	82.9	2.9	512	94.5	1.3	
Any visit	168	11.2	1.6	124	17.1	2.9	44	5.5	1.3	<.0001 ***
One visit	88	7.5	1.5	55	10.4	2.6	33	4.7	1.3	
Two or more visits	80	3.7	0.7	69	6.7	1.4	11	0.8	0.4	
Urgent Doctor Visits	1,123			568			555			<.0001 **
No visit	820	74.8	3.0	330	61.1	4.8	490	87.9	2.6	
Any visit	303	25.2	3.0	238	38.9	4.8	65	12.1	2.6	<.0001 ***
One visit	114	11.1	2.0	77	13.2	3.2	37	9.2	2.5	
Two or more visits	189	14.1	2.6	161	25.7	4.7	28	2.9	0.9	
Routine Doctor Visits	1,120			566			554			<0.01 **
No visits	445	42.5	3.1	162	32.1	4.9	283	52.5	4.1	
Any visit	675	57.5	3.1	404	67.9	4.9	271	47.5	4.1	<0.01 ***
One visit	287	27.8	2.8	150	28.4	4.1	137	27.2	3.8	
Two visits	164	14.4	2.0	104	19.2	3.5	60	9.8	1.9	
Three or more visits	224	15.3	1.8	150	20.3	2.8	74	10.5	2.4	
Activity Limitation	1,080			531			549			<.0001 **
No days	794	78.6	2.4	326	68.9	4.1	468	87.6	2.7	
Any days	286	21.4	2.4	205	31.1	4.1	81	12.4	2.7	<.0001 ***
1-10 days	197	17.3	2.3	138	24.7	3.8	59	10.5	2.6	
> 10 days	89	4.1	0.8	67	6.4	1.4	22	1.9	0.6	
Days with Symptoms	1,113			567			546			<.0001 **
No days	271	26.4	2.6	42	10.5	2.8	229	41.9	4.1	
Any days	842	73.6	2.6	525	89.5	2.8	317	58.1	4.1	<.0001 ***
< once a week	230	24.4	2.7	123	24.6	3.8	107	24.2	3.8	
once, or more, a week	360	34.0	3.2	232	44.7	4.8	128	23.5	3.9	
every day	252	15.2	1.8	170	20.2	3.0	82	10.4	2.0	
Days with Sleep Disturbance	1,109			561			548			<.0001 **
No days	693	70.1	2.6	259	57.5	4.4	434	82.0	3.0	
Any days	416	29.9	2.6	302	42.5	4.4	114	18.0	3.0	<.0001 ***
1-2 days	183	15.5	2.1	121	21.9	3.6	62	9.5	2.1	
3-10 days	148	9.5	1.5	111	13.3	2.3	37	5.8	2.1	
> 10 days	85	4.9	0.9	70	7.3	1.6	15	2.7	1.0	

* 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.