

**TABLE 5. Asthma Indicators by Medication Status among adults with current asthma in Pennsylvania: BRFSS 2007.**

| Indicator                          | Total        |      |     | Medication Status |      |     |            |      |     | P*                   |
|------------------------------------|--------------|------|-----|-------------------|------|-----|------------|------|-----|----------------------|
|                                    |              |      |     | Any               |      |     | None       |      |     |                      |
|                                    | n            | %    | se  | n                 | %    | se  | n          | %    | se  |                      |
| <b>Age at Diagnosis (onset)</b>    | <b>1,098</b> |      |     | <b>836</b>        |      |     | <b>262</b> |      |     | <b>0.42 **</b>       |
| Child (<18)                        | 342          | 46.9 | 3.2 | 240               | 45.3 | 3.9 | 102        | 51.2 | 6.0 |                      |
| Adult (>=18)                       | 756          | 53.1 | 3.2 | 596               | 54.7 | 3.9 | 160        | 48.8 | 6.0 |                      |
| <b>Attack</b>                      | <b>1,141</b> |      |     | <b>867</b>        |      |     | <b>274</b> |      |     | <b>&lt;.0001 **</b>  |
| Did not have attack                | 602          | 48.9 | 3.1 | 395               | 40.4 | 3.4 | 207        | 71.6 | 5.7 |                      |
| Had attack                         | 539          | 51.1 | 3.1 | 472               | 59.6 | 3.4 | 67         | 28.4 | 5.7 |                      |
| <b>Emergency Department Visits</b> | <b>1,144</b> |      |     | <b>868</b>        |      |     | <b>276</b> |      |     | <b>&lt;0.01 **</b>   |
| No visit                           | 970          | 88.5 | 1.6 | 711               | 86.0 | 2.1 | 259        | 95.4 | 1.9 |                      |
| Any visit                          | 174          | 11.5 | 1.6 | 157               | 14.0 | 2.1 | 17         | 4.6  | 1.9 | <b>&lt;.0001 ***</b> |
| One visit                          | 90           | 7.7  | 1.5 | 77                | 9.0  | 1.9 | 13         | 4.1  | 1.8 |                      |
| Two or more visits                 | 84           | 3.8  | 0.7 | 80                | 5.0  | 1.0 | 4          | 0.5  | 0.4 |                      |
| <b>Urgent Doctor Visits</b>        | <b>1,134</b> |      |     | <b>859</b>        |      |     | <b>275</b> |      |     | <b>&lt;.0001 **</b>  |
| No visit                           | 827          | 74.3 | 3.0 | 577               | 68.3 | 3.6 | 250        | 90.5 | 3.7 |                      |
| Any visit                          | 307          | 25.7 | 3.0 | 282               | 31.7 | 3.6 | 25         | 9.5  | 3.7 | <b>&lt;.0001 ***</b> |
| One visit                          | 115          | 11.3 | 2.0 | 100               | 12.8 | 2.4 | 15         | 7.3  | 3.6 |                      |
| Two or more visits                 | 192          | 14.4 | 2.6 | 182               | 18.9 | 3.4 | 10         | 2.2  | 1.0 |                      |
| <b>Routine Doctor Visits</b>       | <b>1,134</b> |      |     | <b>860</b>        |      |     | <b>274</b> |      |     | <b>&lt;.0001 **</b>  |
| No visits                          | 449          | 42.3 | 3.1 | 262               | 33.1 | 3.7 | 187        | 66.6 | 5.5 |                      |
| Any visit                          | 685          | 57.7 | 3.1 | 598               | 66.9 | 3.7 | 87         | 33.4 | 5.5 | <b>&lt;.0001 ***</b> |
| One visit                          | 289          | 27.6 | 2.8 | 237               | 28.6 | 3.3 | 52         | 24.7 | 5.3 |                      |
| Two visits                         | 168          | 14.8 | 2.0 | 148               | 18.1 | 2.6 | 20         | 6.2  | 2.2 |                      |
| Three or more visits               | 228          | 15.3 | 1.8 | 213               | 20.2 | 2.4 | 15         | 2.5  | 1.2 |                      |
| <b>Activity Limitation</b>         | <b>1,092</b> |      |     | <b>818</b>        |      |     | <b>274</b> |      |     | <b>&lt;0.01 **</b>   |
| No days                            | 801          | 78.1 | 2.4 | 563               | 74.2 | 3.0 | 238        | 88.4 | 3.5 |                      |
| Any days                           | 291          | 21.9 | 2.4 | 255               | 25.8 | 3.0 | 36         | 11.6 | 3.5 | <b>&lt;0.01 ***</b>  |
| 1-10 days                          | 201          | 17.8 | 2.3 | 172               | 20.7 | 2.9 | 29         | 10.0 | 3.4 |                      |
| > 10 days                          | 90           | 4.1  | 0.8 | 83                | 5.1  | 1.0 | 7          | 1.6  | 0.8 |                      |
| <b>Days with Symptoms</b>          | <b>1,128</b> |      |     | <b>857</b>        |      |     | <b>271</b> |      |     | <b>&lt;.0001 **</b>  |
| No days                            | 272          | 26.3 | 2.6 | 135               | 16.7 | 2.4 | 137        | 51.6 | 6.0 |                      |
| Any days                           | 856          | 73.7 | 2.6 | 722               | 83.3 | 2.4 | 134        | 48.4 | 6.0 | <b>&lt;.0001 ***</b> |
| < once a week                      | 231          | 24.2 | 2.6 | 186               | 26.3 | 3.3 | 45         | 18.5 | 4.2 |                      |
| once, or more, a week              | 368          | 34.4 | 3.2 | 307               | 38.8 | 3.8 | 61         | 22.6 | 5.6 |                      |
| every day                          | 257          | 15.1 | 1.8 | 229               | 18.2 | 2.3 | 28         | 7.3  | 2.2 |                      |
| <b>Days with Sleep Disturbance</b> | <b>1,123</b> |      |     | <b>850</b>        |      |     | <b>273</b> |      |     | <b>&lt;.0001 **</b>  |
| No days                            | 702          | 70.1 | 2.6 | 471               | 62.8 | 3.3 | 231        | 89.2 | 2.8 |                      |
| Any days                           | 421          | 29.9 | 2.6 | 379               | 37.2 | 3.3 | 42         | 10.8 | 2.8 | <b>&lt;.0001 ***</b> |
| 1-2 days                           | 184          | 15.4 | 2.1 | 164               | 19.2 | 2.7 | 20         | 5.5  | 2.2 |                      |
| 3-10 days                          | 149          | 9.4  | 1.5 | 136               | 12.3 | 2.0 | 13         | 1.9  | 0.9 |                      |
| > 10 days                          | 88           | 5.1  | 0.9 | 79                | 5.7  | 1.2 | 9          | 3.4  | 1.5 |                      |

\* P: Wald chi-square test for the general association between each Indicator and Medication Status.

\*\* chi-square for 2 category Indicator.

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

Medication Status: "Any" includes respondents who reported using either a prescription rescue inhaler one or more times or a preventive asthma medication on one or more days in the past 30days.