

TABLE 5. Asthma Indicators by Medication Status among adults with current asthma in Wisconsin: BRFSS 2005.

| Indicator | Total | | | Medication Status | | | | | | P* |
|------------------------------------|------------|------|-----|-------------------|------|-----|------------|------|-----|----------------------|
| | | | | Any | | | None | | | |
| | n | % | se | n | % | se | n | % | se | |
| Age at Diagnosis (onset) | 426 | | | 317 | | | 109 | | | 0.82 ** |
| Child (<18) | 139 | 38.8 | 3.0 | 100 | 39.2 | 3.4 | 39 | 37.6 | 5.3 | |
| Adult (>=18) | 287 | 61.2 | 3.0 | 217 | 60.8 | 3.4 | 70 | 62.4 | 5.3 | |
| Attack | 435 | | | 320 | | | 115 | | | <.0001 ** |
| Did not have attack | 204 | 46.5 | 3.1 | 111 | 34.1 | 3.5 | 93 | 80.7 | 4.1 | |
| Had attack | 231 | 53.5 | 3.1 | 209 | 65.9 | 3.5 | 22 | 19.3 | 4.1 | |
| Emergency Department Visits | 437 | | | 322 | | | 115 | | | <.0001 ** |
| No visit | 371 | 83.8 | 2.4 | 265 | 79.3 | 2.9 | 106 | 96.4 | 1.4 | |
| Any visit | 66 | 16.2 | 2.4 | 57 | 20.7 | 2.9 | 9 | 3.6 | 1.4 | <.0001 *** |
| One visit | 30 | 6.7 | 1.4 | 24 | 8.0 | 1.8 | 6 | 2.8 | 1.4 | |
| Two or more visits | 36 | 9.5 | 2.1 | 33 | 12.7 | 2.8 | 3 | 0.8 | 0.5 | |
| Urgent Doctor Visits | 438 | | | 323 | | | 115 | | | <.0001 ** |
| No visit | 330 | 79.2 | 2.4 | 227 | 74.4 | 3.1 | 103 | 92.7 | 2.7 | |
| Any visit | 108 | 20.8 | 2.4 | 96 | 25.6 | 3.1 | 12 | 7.3 | 2.7 | <.0001 *** |
| One visit | 47 | 9.0 | 1.5 | 40 | 10.0 | 1.7 | 7 | 6.1 | 2.7 | |
| Two or more visits | 61 | 11.8 | 2.0 | 56 | 15.6 | 2.7 | 5 | 1.2 | 0.6 | |
| Routine Doctor Visits | 436 | | | 321 | | | 115 | | | <.0001 ** |
| No visits | 189 | 50.0 | 3.0 | 107 | 40.0 | 3.6 | 82 | 78.0 | 4.3 | |
| Any visit | 247 | 50.0 | 3.0 | 214 | 60.0 | 3.6 | 33 | 22.0 | 4.3 | <.0001 *** |
| One visit | 146 | 30.6 | 2.7 | 121 | 35.0 | 3.3 | 25 | 18.3 | 4.2 | |
| Two visits | 52 | 10.9 | 1.8 | 46 | 13.5 | 2.3 | 6 | 3.5 | 1.8 | |
| Three or more visits | 49 | 8.5 | 1.8 | 47 | 11.5 | 2.4 | 2 | 0.2 | 0.2 | |
| Activity Limitation | 428 | | | 313 | | | 115 | | | <0.01 ** |
| No days | 337 | 78.0 | 2.7 | 234 | 73.4 | 3.4 | 103 | 90.4 | 3.1 | |
| Any days | 91 | 22.0 | 2.7 | 79 | 26.6 | 3.4 | 12 | 9.6 | 3.1 | <0.01 *** |
| 1-10 days | 68 | 16.9 | 2.6 | 58 | 20.1 | 3.2 | 10 | 8.1 | 2.9 | |
| > 10 days | 23 | 5.1 | 1.2 | 21 | 6.5 | 1.6 | 2 | 1.5 | 1.2 | |
| Days with Symptoms | 435 | | | 320 | | | 115 | | | <.0001 ** |
| No days | 104 | 22.5 | 2.4 | 52 | 14.6 | 2.4 | 52 | 44.4 | 5.2 | |
| Any days | 331 | 77.5 | 2.4 | 268 | 85.4 | 2.4 | 63 | 55.6 | 5.2 | <.0001 *** |
| < once a week | 97 | 25.3 | 2.7 | 72 | 25.3 | 3.2 | 25 | 25.3 | 5.2 | |
| once, or more, a week | 155 | 35.6 | 3.0 | 132 | 42.3 | 3.7 | 23 | 16.9 | 4.1 | |
| every day | 79 | 16.6 | 2.1 | 64 | 17.8 | 2.6 | 15 | 13.4 | 3.3 | |
| Days with Sleep Disturbance | 437 | | | 322 | | | 115 | | | <.0001 ** |
| No days | 265 | 60.7 | 3.0 | 171 | 54.2 | 3.6 | 94 | 79.0 | 4.8 | |
| Any days | 172 | 39.3 | 3.0 | 151 | 45.8 | 3.6 | 21 | 21.0 | 4.8 | <0.01 *** |
| 1-2 days | 73 | 17.5 | 2.3 | 62 | 19.8 | 2.7 | 11 | 11.0 | 3.6 | |
| 3-10 days | 69 | 15.1 | 2.3 | 60 | 17.3 | 2.9 | 9 | 9.0 | 3.4 | |
| > 10 days | 30 | 6.7 | 1.5 | 29 | 8.7 | 2.1 | 1 | 0.9 | 0.9 | |

* 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.