

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

| Indicator | Total | | | Medication Status | | | | | | P* |
|------------------------------------|------------|------|-----|-------------------|------|-----|------------|------|-----|----------------------|
| | | | | Any | | | None | | | |
| | n | % | se | n | % | se | n | % | se | |
| Age at Diagnosis (onset) | 350 | | | 245 | | | 105 | | | 0.47 ** |
| Child (<18) | 128 | 41.8 | 3.7 | 84 | 39.6 | 4.1 | 44 | 45.5 | 7.1 | |
| Adult (>=18) | 222 | 58.2 | 3.7 | 161 | 60.4 | 4.1 | 61 | 54.5 | 7.1 | |
| Attack | 357 | | | 248 | | | 109 | | | <0.01 ** |
| Did not have attack | 171 | 50.6 | 3.5 | 97 | 41.3 | 4.0 | 74 | 66.1 | 6.5 | |
| Had attack | 186 | 49.4 | 3.5 | 151 | 58.7 | 4.0 | 35 | 33.9 | 6.5 | |
| Emergency Department Visits | 360 | | | 250 | | | 110 | | | 0.01 ** |
| No visit | 315 | 88.7 | 2.0 | 211 | 85.0 | 2.8 | 104 | 94.9 | 2.6 | |
| Any visit | 45 | 11.3 | 2.0 | 39 | 15.0 | 2.8 | 6 | 5.1 | 2.6 | 0.03 *** |
| One visit | 21 | 6.3 | 1.7 | 18 | 8.2 | 2.3 | 3 | 3.1 | 2.2 | |
| Two or more visits | 24 | 5.0 | 1.2 | 21 | 6.8 | 1.7 | 3 | 2.0 | 1.3 | |
| Urgent Doctor Visits | 359 | | | 249 | | | 110 | | | 0.06 ** |
| No visit | 277 | 80.0 | 2.7 | 180 | 75.8 | 3.2 | 97 | 86.8 | 5.1 | |
| Any visit | 82 | 20.0 | 2.7 | 69 | 24.2 | 3.2 | 13 | 13.2 | 5.1 | 0.12 *** |
| One visit | 35 | 8.3 | 1.6 | 25 | 8.7 | 1.9 | 10 | 7.7 | 3.0 | |
| Two or more visits | 47 | 11.7 | 2.3 | 44 | 15.5 | 2.7 | 3 | 5.5 | 4.4 | |
| Routine Doctor Visits | 358 | | | 248 | | | 110 | | | <.0001 ** |
| No visits | 174 | 47.0 | 3.5 | 91 | 31.7 | 3.7 | 83 | 72.4 | 6.0 | |
| Any visit | 184 | 53.0 | 3.5 | 157 | 68.3 | 3.7 | 27 | 27.6 | 6.0 | <.0001 *** |
| One visit | 111 | 32.4 | 3.3 | 89 | 41.0 | 4.1 | 22 | 18.3 | 4.7 | |
| Two visits | 35 | 9.8 | 2.3 | 32 | 11.8 | 2.7 | 3 | 6.5 | 4.4 | |
| Three or more visits | 38 | 10.8 | 2.0 | 36 | 15.5 | 2.8 | 2 | 2.8 | 2.3 | |
| Activity Limitation | 296 | | | 206 | | | 90 | | | 0.51 ** |
| No days | 225 | 78.0 | 3.2 | 150 | 76.3 | 3.5 | 75 | 81.0 | 6.3 | |
| Any days | 71 | 22.0 | 3.2 | 56 | 23.7 | 3.5 | 15 | 19.0 | 6.3 | 0.70 *** |
| 1-10 days | 46 | 13.4 | 2.6 | 34 | 13.8 | 2.8 | 12 | 12.7 | 5.4 | |
| > 10 days | 25 | 8.6 | 2.1 | 22 | 9.9 | 2.5 | 3 | 6.3 | 3.8 | |
| Days with Symptoms | 352 | | | 242 | | | 110 | | | <0.01 ** |
| No days | 113 | 36.4 | 3.5 | 55 | 26.2 | 3.6 | 58 | 53.1 | 6.5 | |
| Any days | 239 | 63.6 | 3.5 | 187 | 73.8 | 3.6 | 52 | 46.9 | 6.5 | <0.01 *** |
| < once a week | 67 | 16.4 | 2.5 | 49 | 19.2 | 3.3 | 18 | 11.8 | 3.5 | |
| once, or more, a week | 98 | 26.1 | 3.2 | 76 | 27.0 | 3.5 | 22 | 24.6 | 6.2 | |
| every day | 74 | 21.1 | 2.8 | 62 | 27.6 | 3.8 | 12 | 10.5 | 3.5 | |
| Days with Sleep Disturbance | 355 | | | 246 | | | 109 | | | 0.02 ** |
| No days | 240 | 70.5 | 3.3 | 150 | 64.2 | 3.9 | 90 | 81.1 | 6.0 | |
| Any days | 115 | 29.5 | 3.3 | 96 | 35.8 | 3.9 | 19 | 18.9 | 6.0 | 0.06 *** |
| 1-2 days | 47 | 11.6 | 2.3 | 35 | 13.4 | 2.8 | 12 | 8.7 | 4.1 | |
| 3-10 days | 36 | 10.2 | 2.4 | 32 | 12.3 | 2.6 | 4 | 6.7 | 4.6 | |
| > 10 days | 32 | 7.7 | 1.7 | 29 | 10.1 | 2.2 | 3 | 3.5 | 2.4 | |

* 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.