

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

| Indicator | Total | | | Preventive Medication | | | | | | P* |
|------------------------------------|--------------|------|-----|-----------------------|------|-----|------------|------|-----|----------------------|
| | | | | Any | | | None | | | |
| | n | % | se | n | % | se | n | % | se | |
| Age at Diagnosis (onset) | 1,066 | | | 693 | | | 373 | | | 0.1 ** |
| Child (<18) | 362 | 44.3 | 2.2 | 225 | 41.3 | 2.6 | 137 | 49.2 | 3.7 | |
| Adult (>=18) | 704 | 55.7 | 2.2 | 468 | 58.7 | 2.6 | 236 | 50.8 | 3.7 | |
| Attack | 1,124 | | | 714 | | | 410 | | | <.0001 ** |
| Did not have attack | 543 | 49.3 | 2.1 | 268 | 36.1 | 2.4 | 275 | 69.9 | 3.1 | |
| Had attack | 581 | 50.7 | 2.1 | 446 | 63.9 | 2.4 | 135 | 30.1 | 3.1 | |
| Emergency Department Visits | 1,133 | | | 721 | | | 412 | | | <.0001 ** |
| No visit | 896 | 77.5 | 1.7 | 526 | 69.2 | 2.4 | 370 | 90.5 | 1.8 | |
| Any visit | 237 | 22.5 | 1.7 | 195 | 30.8 | 2.4 | 42 | 9.5 | 1.8 | <.0001 *** |
| One visit | 112 | 10.2 | 1.3 | 85 | 12.8 | 1.8 | 27 | 6.2 | 1.6 | |
| Two or more visits | 125 | 12.3 | 1.4 | 110 | 18.0 | 2.0 | 15 | 3.3 | 0.9 | |
| Urgent Doctor Visits | 1,114 | | | 704 | | | 410 | | | <.0001 ** |
| No visit | 781 | 70.3 | 1.9 | 430 | 58.8 | 2.5 | 351 | 88.2 | 2.2 | |
| Any visit | 333 | 29.7 | 1.9 | 274 | 41.2 | 2.5 | 59 | 11.8 | 2.2 | <.0001 *** |
| One visit | 140 | 12.7 | 1.4 | 104 | 16.2 | 2.0 | 36 | 7.3 | 2.0 | |
| Two or more visits | 193 | 17.0 | 1.5 | 170 | 25.0 | 2.2 | 23 | 4.5 | 1.1 | |
| Routine Doctor Visits | 1,108 | | | 702 | | | 406 | | | <.0001 ** |
| No visits | 478 | 46.6 | 2.1 | 206 | 28.9 | 2.3 | 272 | 74.0 | 2.8 | |
| Any visit | 630 | 53.4 | 2.1 | 496 | 71.1 | 2.3 | 134 | 26.0 | 2.8 | <.0001 *** |
| One visit | 285 | 26.4 | 1.8 | 213 | 33.0 | 2.5 | 72 | 16.1 | 2.4 | |
| Two visits | 124 | 10.6 | 1.2 | 100 | 14.7 | 1.8 | 24 | 4.2 | 1.0 | |
| Three or more visits | 221 | 16.4 | 1.4 | 183 | 23.4 | 2.1 | 38 | 5.7 | 1.1 | |
| Activity Limitation | 1,060 | | | 661 | | | 399 | | | <.0001 ** |
| No days | 770 | 70.3 | 2.0 | 419 | 60.2 | 2.6 | 351 | 85.3 | 2.9 | |
| Any days | 290 | 29.7 | 2.0 | 242 | 39.8 | 2.6 | 48 | 14.7 | 2.9 | <.0001 *** |
| 1-10 days | 184 | 19.7 | 1.9 | 148 | 24.8 | 2.4 | 36 | 12.0 | 2.8 | |
| > 10 days | 106 | 10.0 | 1.2 | 94 | 15.0 | 1.8 | 12 | 2.7 | 1.0 | |
| Days with Symptoms | 1,100 | | | 698 | | | 402 | | | <.0001 ** |
| No days | 317 | 29.0 | 1.9 | 114 | 15.5 | 1.7 | 203 | 49.8 | 3.3 | |
| Any days | 783 | 71.0 | 1.9 | 584 | 84.5 | 1.7 | 199 | 50.2 | 3.3 | <.0001 *** |
| < once a week | 221 | 20.4 | 1.7 | 147 | 21.3 | 2.2 | 74 | 19.0 | 2.7 | |
| once, or more, a week | 321 | 29.9 | 1.8 | 232 | 33.7 | 2.3 | 89 | 24.0 | 3.0 | |
| every day | 241 | 20.7 | 1.7 | 205 | 29.5 | 2.3 | 36 | 7.2 | 1.8 | |
| Days with Sleep Disturbance | 1,101 | | | 697 | | | 404 | | | <.0001 ** |
| No days | 681 | 62.1 | 2.0 | 353 | 51.1 | 2.6 | 328 | 79.2 | 3.1 | |
| Any days | 420 | 37.9 | 2.0 | 344 | 48.9 | 2.6 | 76 | 20.8 | 3.1 | <.0001 *** |
| 1-2 days | 152 | 13.7 | 1.4 | 111 | 14.3 | 1.6 | 41 | 12.7 | 2.7 | |
| 3-10 days | 177 | 16.1 | 1.5 | 153 | 22.4 | 2.1 | 24 | 6.3 | 1.9 | |
| > 10 days | 91 | 8.1 | 1.1 | 80 | 12.2 | 1.8 | 11 | 1.8 | 0.6 | |

* 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.