

TABLE 4. Asthma Indicators by Use of Rescue Inhaler among adults with current asthma in Pennsylvania: BRFSS 2005.

| Indicator | Total | | | Rescue Inhaler | | | | | | P* |
|------------------------------------|--------------|------|-----|----------------|------|-----|------------|------|-----|----------------------|
| | | | | Any | | | None | | | |
| | n | % | se | n | % | se | n | % | se | |
| Age at Diagnosis (onset) | 1,002 | | | 524 | | | 478 | | | 0.52 ** |
| Child (<18) | 357 | 41.7 | 2.6 | 186 | 40.1 | 3.6 | 171 | 43.4 | 3.8 | |
| Adult (>=18) | 645 | 58.3 | 2.6 | 338 | 59.9 | 3.6 | 307 | 56.6 | 3.8 | |
| Attack | 1,035 | | | 538 | | | 497 | | | <.0001 ** |
| Did not have attack | 476 | 46.0 | 2.5 | 146 | 27.7 | 3.2 | 330 | 64.5 | 3.4 | |
| Had attack | 559 | 54.0 | 2.5 | 392 | 72.3 | 3.2 | 167 | 35.5 | 3.4 | |
| Emergency Department Visits | 1,036 | | | 541 | | | 495 | | | <.0001 ** |
| No visit | 840 | 84.4 | 1.8 | 391 | 74.6 | 3.1 | 449 | 94.5 | 1.4 | |
| Any visit | 196 | 15.6 | 1.8 | 150 | 25.4 | 3.1 | 46 | 5.5 | 1.4 | <.0001 *** |
| One visit | 48 | 3.3 | 0.8 | 35 | 4.6 | 1.3 | 13 | 1.9 | 0.7 | |
| Two or more visits | 148 | 12.3 | 1.7 | 115 | 20.8 | 3.0 | 33 | 3.6 | 1.2 | |
| Urgent Doctor Visits | 1,028 | | | 535 | | | 493 | | | <.0001 ** |
| No visit | 695 | 70.4 | 2.2 | 294 | 57.1 | 3.4 | 401 | 84.1 | 2.4 | |
| Any visit | 333 | 29.6 | 2.2 | 241 | 42.9 | 3.4 | 92 | 15.9 | 2.4 | <.0001 *** |
| One visit | 128 | 12.4 | 1.6 | 74 | 15.6 | 2.7 | 54 | 9.0 | 1.7 | |
| Two or more visits | 205 | 17.2 | 1.8 | 167 | 27.3 | 3.0 | 38 | 6.9 | 1.9 | |
| Routine Doctor Visits | 1,031 | | | 538 | | | 493 | | | <.0001 ** |
| No visits | 393 | 42.5 | 2.6 | 137 | 29.7 | 3.4 | 256 | 55.7 | 3.6 | |
| Any visit | 638 | 57.5 | 2.6 | 401 | 70.3 | 3.4 | 237 | 44.3 | 3.6 | <.0001 *** |
| One visit | 276 | 26.7 | 2.1 | 151 | 29.5 | 3.1 | 125 | 23.8 | 2.9 | |
| Two visits | 136 | 14.7 | 1.7 | 84 | 18.8 | 2.6 | 52 | 10.5 | 2.1 | |
| Three or more visits | 226 | 16.1 | 1.7 | 166 | 22.0 | 2.7 | 60 | 10.0 | 2.0 | |
| Activity Limitation | 997 | | | 511 | | | 486 | | | <.0001 ** |
| No days | 697 | 72.7 | 2.2 | 292 | 59.9 | 3.4 | 405 | 85.3 | 2.3 | |
| Any days | 300 | 27.3 | 2.2 | 219 | 40.1 | 3.4 | 81 | 14.7 | 2.3 | <.0001 *** |
| 1-10 days | 217 | 21.1 | 2.0 | 154 | 29.6 | 3.2 | 63 | 12.9 | 2.2 | |
| > 10 days | 83 | 6.2 | 1.0 | 65 | 10.5 | 1.9 | 18 | 1.8 | 0.7 | |
| Days with Symptoms | 1,018 | | | 532 | | | 486 | | | <.0001 ** |
| No days | 265 | 30.2 | 2.4 | 48 | 10.6 | 2.3 | 217 | 50.7 | 3.6 | |
| Any days | 753 | 69.8 | 2.4 | 484 | 89.4 | 2.3 | 269 | 49.3 | 3.6 | <.0001 *** |
| < once a week | 210 | 20.7 | 2.1 | 117 | 20.6 | 2.7 | 93 | 20.7 | 3.2 | |
| once, or more, a week | 338 | 31.4 | 2.3 | 226 | 42.9 | 3.5 | 112 | 19.4 | 2.5 | |
| every day | 205 | 17.7 | 1.8 | 141 | 25.9 | 2.9 | 64 | 9.2 | 1.7 | |
| Days with Sleep Disturbance | 1,032 | | | 538 | | | 494 | | | <.0001 ** |
| No days | 637 | 65.1 | 2.4 | 234 | 46.7 | 3.5 | 403 | 84.0 | 2.5 | |
| Any days | 395 | 34.9 | 2.4 | 304 | 53.3 | 3.5 | 91 | 16.0 | 2.5 | <.0001 *** |
| 1-2 days | 183 | 18.1 | 2.0 | 131 | 25.8 | 3.2 | 52 | 10.2 | 2.2 | |
| 3-10 days | 142 | 11.0 | 1.3 | 115 | 18.1 | 2.4 | 27 | 3.6 | 1.1 | |
| > 10 days | 70 | 5.8 | 1.0 | 58 | 9.4 | 1.8 | 12 | 2.2 | 0.9 | |

* 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.