

**TABLE 3. Asthma Indicators by Use of Preventive Medication among adults with current asthma in Ohio: BRFSS 2005.**

| Indicator                          | Total      |      |     | Preventive Medication |      |     |            |      |     | P*                   |
|------------------------------------|------------|------|-----|-----------------------|------|-----|------------|------|-----|----------------------|
|                                    |            |      |     | Any                   |      |     | None       |      |     |                      |
|                                    | n          | %    | se  | n                     | %    | se  | n          | %    | se  |                      |
| <b>Age at Diagnosis (onset)</b>    | <b>598</b> |      |     | <b>375</b>            |      |     | <b>223</b> |      |     | <b>&lt;0.01 **</b>   |
| Child (<18)                        | 210        | 42.8 | 3.5 | 111                   | 33.1 | 4.3 | 99         | 54.7 | 5.4 |                      |
| Adult (>=18)                       | 388        | 57.2 | 3.5 | 264                   | 66.9 | 4.3 | 124        | 45.3 | 5.4 |                      |
| <b>Attack</b>                      | <b>626</b> |      |     | <b>389</b>            |      |     | <b>237</b> |      |     | <b>&lt;.0001 **</b>  |
| Did not have attack                | 310        | 55.7 | 3.3 | 158                   | 42.7 | 4.5 | 152        | 71.3 | 4.7 |                      |
| Had attack                         | 316        | 44.3 | 3.3 | 231                   | 57.3 | 4.5 | 85         | 28.7 | 4.7 |                      |
| <b>Emergency Department Visits</b> | <b>626</b> |      |     | <b>389</b>            |      |     | <b>237</b> |      |     | <b>0.02 **</b>       |
| No visit                           | 498        | 86.1 | 2.2 | 284                   | 81.2 | 3.0 | 214        | 91.8 | 3.2 |                      |
| Any visit                          | 128        | 13.9 | 2.2 | 105                   | 18.8 | 3.0 | 23         | 8.2  | 3.2 | <b>0.02 ***</b>      |
| One visit                          | 59         | 7.1  | 1.6 | 49                    | 10.7 | 2.5 | 10         | 2.8  | 1.7 |                      |
| Two or more visits                 | 69         | 6.8  | 1.6 | 56                    | 8.1  | 1.8 | 13         | 5.4  | 2.9 |                      |
| <b>Urgent Doctor Visits</b>        | <b>618</b> |      |     | <b>383</b>            |      |     | <b>235</b> |      |     | <b>&lt;.0001 **</b>  |
| No visit                           | 424        | 73.6 | 3.0 | 219                   | 62.0 | 4.3 | 205        | 87.5 | 3.8 |                      |
| Any visit                          | 194        | 26.4 | 3.0 | 164                   | 38.0 | 4.3 | 30         | 12.5 | 3.8 | <b>&lt;.0001 ***</b> |
| One visit                          | 83         | 13.0 | 2.2 | 67                    | 18.1 | 3.4 | 16         | 6.9  | 2.5 |                      |
| Two or more visits                 | 111        | 13.4 | 2.3 | 97                    | 19.9 | 3.5 | 14         | 5.6  | 3.0 |                      |
| <b>Routine Doctor Visits</b>       | <b>616</b> |      |     | <b>381</b>            |      |     | <b>235</b> |      |     | <b>&lt;.0001 **</b>  |
| No visits                          | 250        | 47.4 | 3.4 | 86                    | 26.6 | 4.0 | 164        | 72.3 | 4.7 |                      |
| Any visit                          | 366        | 52.6 | 3.4 | 295                   | 73.4 | 4.0 | 71         | 27.7 | 4.7 | <b>&lt;.0001 ***</b> |
| One visit                          | 168        | 25.7 | 2.9 | 120                   | 34.3 | 4.3 | 48         | 15.5 | 3.6 |                      |
| Two visits                         | 70         | 11.4 | 2.2 | 53                    | 11.5 | 2.5 | 17         | 11.2 | 3.8 |                      |
| Three or more visits               | 128        | 15.5 | 2.3 | 122                   | 27.6 | 4.0 | 6          | 1.0  | 0.6 |                      |
| <b>Activity Limitation</b>         | <b>592</b> |      |     | <b>365</b>            |      |     | <b>227</b> |      |     | <b>&lt;0.01 **</b>   |
| No days                            | 424        | 75.1 | 2.9 | 223                   | 66.3 | 4.0 | 201        | 85.8 | 4.3 |                      |
| Any days                           | 168        | 24.9 | 2.9 | 142                   | 33.7 | 4.0 | 26         | 14.2 | 4.3 | <b>&lt;0.01 ***</b>  |
| 1-10 days                          | 119        | 16.8 | 2.6 | 96                    | 21.0 | 3.3 | 23         | 11.7 | 4.0 |                      |
| > 10 days                          | 49         | 8.1  | 1.8 | 46                    | 12.7 | 2.9 | 3          | 2.5  | 1.5 |                      |
| <b>Days with Symptoms</b>          | <b>613</b> |      |     | <b>383</b>            |      |     | <b>230</b> |      |     | <b>&lt;.0001 **</b>  |
| No days                            | 153        | 25.7 | 2.9 | 54                    | 14.6 | 3.0 | 99         | 38.9 | 5.1 |                      |
| Any days                           | 460        | 74.3 | 2.9 | 329                   | 85.4 | 3.0 | 131        | 61.1 | 5.1 | <b>&lt;0.01 ***</b>  |
| < once a week                      | 133        | 24.3 | 2.9 | 88                    | 29.5 | 4.3 | 45         | 18.0 | 3.7 |                      |
| once, or more, a week              | 185        | 28.1 | 3.1 | 128                   | 28.6 | 3.9 | 57         | 27.6 | 4.9 |                      |
| every day                          | 142        | 21.9 | 2.7 | 113                   | 27.3 | 3.8 | 29         | 15.5 | 4.1 |                      |
| <b>Days with Sleep Disturbance</b> | <b>620</b> |      |     | <b>384</b>            |      |     | <b>236</b> |      |     | <b>&lt;.0001 **</b>  |
| No days                            | 385        | 66.4 | 3.2 | 195                   | 55.4 | 4.4 | 190        | 79.7 | 4.5 |                      |
| Any days                           | 235        | 33.6 | 3.2 | 189                   | 44.6 | 4.4 | 46         | 20.3 | 4.5 | <b>&lt;0.01 ***</b>  |
| 1-2 days                           | 93         | 16.3 | 2.6 | 75                    | 21.3 | 3.6 | 18         | 10.2 | 3.7 |                      |
| 3-10 days                          | 88         | 10.1 | 1.8 | 71                    | 12.9 | 2.5 | 17         | 6.8  | 2.5 |                      |
| > 10 days                          | 54         | 7.2  | 1.8 | 43                    | 10.4 | 2.9 | 11         | 3.3  | 1.6 |                      |

\* 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.