

**TABLE 1. Asthma Indicators by Sex among adults with current asthma in 19 states: BRFSS 2003.**

| Indicator                          | Total        |      |     | Male         |      |     | Female       |      |     | P*                   |
|------------------------------------|--------------|------|-----|--------------|------|-----|--------------|------|-----|----------------------|
|                                    | n            | %    | se  | n            | %    | se  | n            | %    | se  |                      |
| <b>Age at Diagnosis (onset)</b>    | <b>7,049</b> |      |     | <b>1,956</b> |      |     | <b>5,093</b> |      |     | <b>&lt;.0001 **</b>  |
| Child (<18)                        | 2,793        | 46.7 | 1.0 | 988          | 57.0 | 1.7 | 1,805        | 40.9 | 1.1 |                      |
| Adult (>=18)                       | 4,256        | 53.3 | 1.0 | 968          | 43.0 | 1.7 | 3,288        | 59.1 | 1.1 |                      |
| <b>Medication Status (30 days)</b> | <b>7,202</b> |      |     | <b>1,989</b> |      |     | <b>5,213</b> |      |     | <b>&lt;0.01 **</b>   |
| No Medication                      | 1,982        | 28.9 | 0.9 | 657          | 33.7 | 1.7 | 1,325        | 26.1 | 0.9 |                      |
| Any Medication                     | 5,220        | 71.1 | 0.9 | 1,332        | 66.3 | 1.7 | 3,888        | 73.9 | 0.9 | <b>&lt;.0001 ***</b> |
| Less than once a week              | 762          | 11.1 | 0.6 | 173          | 8.9  | 1.0 | 589          | 12.4 | 0.7 |                      |
| >=1 time a week, but not daily     | 1,247        | 19.0 | 0.8 | 341          | 20.2 | 1.7 | 906          | 18.4 | 0.9 |                      |
| Once every day                     | 1,371        | 17.7 | 0.7 | 368          | 16.7 | 1.3 | 1,003        | 18.3 | 0.8 |                      |
| Two or more times every day        | 1,840        | 23.3 | 0.8 | 450          | 20.5 | 1.4 | 1,390        | 24.8 | 0.9 |                      |
| <b>Attack</b>                      | <b>7,292</b> |      |     | <b>2,006</b> |      |     | <b>5,286</b> |      |     | <b>&lt;.0001 **</b>  |
| Did not have attack                | 3,217        | 44.0 | 0.9 | 1,077        | 51.0 | 1.8 | 2,140        | 40.1 | 1.0 |                      |
| Had attack                         | 4,075        | 56.0 | 0.9 | 929          | 49.0 | 1.8 | 3,146        | 59.9 | 1.0 |                      |
| <b>Emergency Department Visits</b> | <b>7,290</b> |      |     | <b>2,010</b> |      |     | <b>5,280</b> |      |     | <b>&lt;.0001 **</b>  |
| No visit                           | 6,056        | 82.3 | 0.8 | 1,775        | 86.6 | 1.4 | 4,281        | 79.9 | 0.9 |                      |
| Any visit                          | 1,234        | 17.7 | 0.8 | 235          | 13.4 | 1.4 | 999          | 20.1 | 0.9 | <b>&lt;0.01 ***</b>  |
| One visit                          | 623          | 8.7  | 0.5 | 128          | 7.2  | 1.1 | 495          | 9.5  | 0.6 |                      |
| Two or more visits                 | 611          | 9.0  | 0.6 | 107          | 6.2  | 1.0 | 504          | 10.6 | 0.7 |                      |
| <b>Urgent Doctor Visits</b>        | <b>7,239</b> |      |     | <b>2,005</b> |      |     | <b>5,234</b> |      |     | <b>&lt;.0001 **</b>  |
| No visit                           | 5,187        | 71.9 | 0.9 | 1,600        | 78.5 | 1.7 | 3,587        | 68.1 | 1.0 |                      |
| Any visit                          | 2,052        | 28.1 | 0.9 | 405          | 21.5 | 1.7 | 1,647        | 31.9 | 1.0 | <b>&lt;.0001 ***</b> |
| One visit                          | 830          | 11.6 | 0.7 | 178          | 10.4 | 1.5 | 652          | 12.3 | 0.7 |                      |
| Two or more visits                 | 1,222        | 16.5 | 0.7 | 227          | 11.1 | 1.1 | 995          | 19.6 | 0.8 |                      |
| <b>Routine Doctor Visits</b>       | <b>7,194</b> |      |     | <b>1,995</b> |      |     | <b>5,199</b> |      |     | <b>&lt;.0001 **</b>  |
| No visits                          | 2,985        | 44.4 | 1.0 | 959          | 52.4 | 1.9 | 2,026        | 39.9 | 1.1 |                      |
| Any visit                          | 4,209        | 55.6 | 1.0 | 1,036        | 47.6 | 1.9 | 3,173        | 60.1 | 1.1 | <b>&lt;.0001 ***</b> |
| One visit                          | 2,050        | 27.3 | 0.8 | 512          | 24.2 | 1.6 | 1,538        | 29.1 | 1.0 |                      |
| Two visits                         | 924          | 12.6 | 0.6 | 254          | 10.9 | 1.0 | 670          | 13.5 | 0.8 |                      |
| Three or more visits               | 1,235        | 15.7 | 0.7 | 270          | 12.5 | 1.4 | 965          | 17.5 | 0.8 |                      |
| <b>Activity Limitation</b>         | <b>6,824</b> |      |     | <b>1,909</b> |      |     | <b>4,915</b> |      |     | <b>&lt;0.01 **</b>   |
| No days                            | 4,953        | 72.5 | 0.9 | 1,548        | 77.1 | 1.8 | 3,405        | 69.8 | 1.0 |                      |
| Any days                           | 1,871        | 27.5 | 0.9 | 361          | 22.9 | 1.8 | 1,510        | 30.2 | 1.0 | <b>&lt;0.01 ***</b>  |
| 1-10 days                          | 1,308        | 19.2 | 0.8 | 237          | 15.2 | 1.5 | 1,071        | 21.5 | 0.9 |                      |
| > 10 days                          | 563          | 8.3  | 0.6 | 124          | 7.7  | 1.4 | 439          | 8.7  | 0.6 |                      |
| <b>Days with Symptoms</b>          | <b>7,135</b> |      |     | <b>1,976</b> |      |     | <b>5,159</b> |      |     | <b>0.06 **</b>       |
| No days                            | 1,879        | 25.6 | 0.8 | 582          | 27.9 | 1.7 | 1,297        | 24.3 | 0.9 |                      |
| Any days                           | 5,256        | 74.4 | 0.8 | 1,394        | 72.1 | 1.7 | 3,862        | 75.7 | 0.9 | <b>0.17 ***</b>      |
| < once a week                      | 1,663        | 23.5 | 0.8 | 449          | 22.5 | 1.5 | 1,214        | 24.1 | 0.9 |                      |
| once, or more, a week              | 2,192        | 32.8 | 0.9 | 566          | 33.0 | 1.8 | 1,626        | 32.7 | 1.0 |                      |
| every day                          | 1,401        | 18.1 | 0.7 | 379          | 16.6 | 1.3 | 1,022        | 18.9 | 0.8 |                      |
| <b>Days with Sleep Disturbance</b> | <b>7,165</b> |      |     | <b>1,975</b> |      |     | <b>5,190</b> |      |     | <b>0.02 **</b>       |
| No days                            | 4,702        | 65.7 | 0.9 | 1,382        | 68.8 | 1.8 | 3,320        | 63.9 | 1.0 |                      |
| Any days                           | 2,463        | 34.3 | 0.9 | 593          | 31.2 | 1.8 | 1,870        | 36.1 | 1.0 | <b>0.06 ***</b>      |
| 1-2 days                           | 1,081        | 15.7 | 0.8 | 262          | 15.2 | 1.4 | 819          | 16.0 | 0.8 |                      |
| 3-10 days                          | 904          | 12.5 | 0.6 | 217          | 10.8 | 1.2 | 687          | 13.4 | 0.7 |                      |
| > 10 days                          | 478          | 6.1  | 0.4 | 114          | 5.2  | 0.8 | 364          | 6.7  | 0.5 |                      |

\* P: Wald chi-square test for the general association between each Indicator and Sex.

\*\* chi-square for 2 category Indicator.

\*\*\* chi-square for 3 to 5 category Indicator.