

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

| Indicator                          | Total      |      |     | Male       |      |     | Female     |      |     | P*                 |
|------------------------------------|------------|------|-----|------------|------|-----|------------|------|-----|--------------------|
|                                    | n          | %    | se  | n          | %    | se  | n          | %    | se  |                    |
| <b>Age at Diagnosis (onset)</b>    | <b>411</b> |      |     | <b>123</b> |      |     | <b>288</b> |      |     | <b>&lt;0.01 **</b> |
| Child (<18)                        | 155        | 45.5 | 3.8 | 65         | 58.9 | 4.8 | 90         | 37.6 | 5.3 |                    |
| Adult (>=18)                       | 256        | 54.5 | 3.8 | 58         | 41.1 | 4.8 | 198        | 62.4 | 5.3 |                    |
| <b>Medication Status (30 days)</b> | <b>421</b> |      |     | <b>123</b> |      |     | <b>298</b> |      |     | <b>0.74 **</b>     |
| No Medication                      | 119        | 32.9 | 2.9 | 41         | 34.2 | 4.5 | 78         | 32.1 | 3.4 |                    |
| Any Medication                     | 302        | 67.1 | 2.9 | 82         | 65.8 | 4.5 | 220        | 67.9 | 3.4 | <b>0.12 ***</b>    |
| Less than once a week              | 35         | 9.7  | 2.0 | 7          | 7.1  | 3.7 | 28         | 11.3 | 2.4 |                    |
| >=1 time a week, but not daily     | 71         | 18.4 | 2.8 | 27         | 27.0 | 5.7 | 44         | 13.3 | 2.7 |                    |
| Once every day                     | 86         | 18.5 | 2.1 | 27         | 17.2 | 3.0 | 59         | 19.2 | 2.6 |                    |
| Two or more times every day        | 110        | 20.5 | 2.4 | 21         | 14.5 | 3.6 | 89         | 24.1 | 2.9 |                    |
| <b>Attack</b>                      | <b>432</b> |      |     | <b>124</b> |      |     | <b>308</b> |      |     | <b>&lt;0.01 **</b> |
| Did not have attack                | 213        | 52.4 | 3.4 | 83         | 64.4 | 4.7 | 130        | 45.8 | 4.5 |                    |
| Had attack                         | 219        | 47.6 | 3.4 | 41         | 35.6 | 4.7 | 178        | 54.2 | 4.5 |                    |
| <b>Emergency Department Visits</b> | <b>433</b> |      |     | <b>124</b> |      |     | <b>309</b> |      |     | <b>&lt;0.01 **</b> |
| No visit                           | 343        | 80.0 | 2.8 | 109        | 89.9 | 2.3 | 234        | 74.5 | 4.1 |                    |
| Any visit                          | 90         | 20.0 | 2.8 | 15         | 10.1 | 2.3 | 75         | 25.5 | 4.1 | <b>0.01 ***</b>    |
| One visit                          | 41         | 7.7  | 1.4 | 9          | 5.3  | 1.6 | 32         | 9.0  | 1.9 |                    |
| Two or more visits                 | 49         | 12.3 | 2.5 | 6          | 4.8  | 1.8 | 43         | 16.5 | 3.7 |                    |
| <b>Urgent Doctor Visits</b>        | <b>425</b> |      |     | <b>122</b> |      |     | <b>303</b> |      |     | <b>0.02 **</b>     |
| No visit                           | 290        | 71.2 | 2.8 | 95         | 80.1 | 3.2 | 195        | 66.2 | 3.7 |                    |
| Any visit                          | 135        | 28.8 | 2.8 | 27         | 19.9 | 3.2 | 108        | 33.8 | 3.7 | <b>0.05 ***</b>    |
| One visit                          | 54         | 10.8 | 1.9 | 10         | 7.1  | 1.7 | 44         | 12.9 | 2.4 |                    |
| Two or more visits                 | 81         | 18.0 | 2.3 | 17         | 12.8 | 2.8 | 64         | 20.9 | 3.1 |                    |
| <b>Routine Doctor Visits</b>       | <b>420</b> |      |     | <b>122</b> |      |     | <b>298</b> |      |     | <b>&lt;0.01 **</b> |
| No visits                          | 176        | 44.4 | 3.5 | 65         | 56.7 | 4.1 | 111        | 37.5 | 4.4 |                    |
| Any visit                          | 244        | 55.6 | 3.5 | 57         | 43.3 | 4.1 | 187        | 62.5 | 4.4 | <b>0.02 ***</b>    |
| One visit                          | 115        | 25.8 | 2.9 | 24         | 19.4 | 3.8 | 91         | 29.4 | 3.5 |                    |
| Two visits                         | 55         | 12.3 | 2.2 | 12         | 7.0  | 2.1 | 43         | 15.2 | 3.1 |                    |
| Three or more visits               | 74         | 17.5 | 3.0 | 21         | 16.9 | 3.8 | 53         | 17.9 | 4.0 |                    |
| <b>Activity Limitation</b>         | <b>378</b> |      |     | <b>110</b> |      |     | <b>268</b> |      |     | <b>0.63 **</b>     |
| No days                            | 254        | 71.3 | 2.8 | 82         | 73.4 | 4.2 | 172        | 70.1 | 3.4 |                    |
| Any days                           | 124        | 28.7 | 2.8 | 28         | 26.6 | 4.2 | 96         | 29.9 | 3.4 | <b>0.37 ***</b>    |
| 1-10 days                          | 83         | 20.4 | 2.6 | 15         | 15.7 | 4.0 | 68         | 23.0 | 3.1 |                    |
| > 10 days                          | 41         | 8.3  | 1.6 | 13         | 10.9 | 3.5 | 28         | 6.9  | 1.4 |                    |
| <b>Days with Symptoms</b>          | <b>418</b> |      |     | <b>123</b> |      |     | <b>295</b> |      |     | <b>0.49 **</b>     |
| No days                            | 112        | 30.2 | 3.3 | 40         | 33.1 | 4.6 | 72         | 28.4 | 4.3 |                    |
| Any days                           | 306        | 69.8 | 3.3 | 83         | 66.9 | 4.6 | 223        | 71.6 | 4.3 | <b>0.84 ***</b>    |
| < once a week                      | 81         | 20.3 | 2.6 | 18         | 17.5 | 5.0 | 63         | 22.0 | 2.8 |                    |
| once, or more, a week              | 143        | 29.6 | 3.2 | 40         | 30.1 | 5.0 | 103        | 29.3 | 4.0 |                    |
| every day                          | 82         | 19.9 | 2.6 | 25         | 19.3 | 3.6 | 57         | 20.3 | 3.3 |                    |
| <b>Days with Sleep Disturbance</b> | <b>416</b> |      |     | <b>119</b> |      |     | <b>297</b> |      |     | <b>0.19 **</b>     |
| No days                            | 275        | 69.1 | 3.2 | 84         | 74.5 | 4.4 | 191        | 65.9 | 4.1 |                    |
| Any days                           | 141        | 30.9 | 3.2 | 35         | 25.5 | 4.4 | 106        | 34.1 | 4.1 | <b>0.13 ***</b>    |
| 1-2 days                           | 45         | 9.1  | 1.7 | 7          | 5.3  | 1.8 | 38         | 11.3 | 2.3 |                    |
| 3-10 days                          | 70         | 15.5 | 2.7 | 22         | 16.0 | 3.9 | 48         | 15.2 | 3.4 |                    |
| > 10 days                          | 26         | 6.3  | 1.7 | 6          | 4.2  | 1.8 | 20         | 7.6  | 2.5 |                    |

\* 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.