The Current Burden of Asthma in Delaware

Adults who have been told they currently have asthma, 2014

Delaware 14.4%
Nation 13.8%

Public high school students who have ever been told they have asthma, 2015

Delaware 25.4%
Nation 22.8%

Adult Asthma Prevalence in Delaware by County, 2015

New Castle 9.5%
Kent County 10.2%
Sussex County 7.5%

Current Asthma Among Delaware Adults Rates by Gender, Race/Ethnicity, & Education, 2015

Male 4.3%
Female 13.8%
Non-Hispanic White 9.8%
Black/African American 7.8%
Hispanic/Latino 8.2%
< H.S. Education 13.0%
H.S. Diploma/GED 8.7%
College Degree 8.7%

Prepared by The Research and Evaluation Group at PHMC
Environmental Health Factors

**Delaware Adult Cigarette Smoking Rates**

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>20.6%</td>
</tr>
<tr>
<td>2015</td>
<td>17.2%</td>
</tr>
</tbody>
</table>

**Smoking Rates**

Although smoking rates have decreased since 2005, e-cigarettes are becoming more popular.

**Delaware H.S. Student Cigarette, Cigar, & Smokeless Tobacco Use Rates**

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>26.6%</td>
</tr>
<tr>
<td>2015</td>
<td>17.0%</td>
</tr>
</tbody>
</table>

**Among Delaware Middle School Students in 2015....**

- **17.2%** Ever tried e-cigarettes
- **8.4%** Currently use e-cigarettes

**Air Pollution**

EPA categorizes air quality based off of five major pollutants:
1) Ozone
2) Carbon Monoxide
3) Nitrogen dioxide
4) Particle Pollution
5) Sulfur Dioxide

**Number of Days Air Quality Index Deemed 'Unhealthy for Sensitive Groups', 'Unhealthy', or 'Very Unhealthy'**

<table>
<thead>
<tr>
<th>Year</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>91</td>
</tr>
<tr>
<td>2015</td>
<td>4</td>
</tr>
</tbody>
</table>

Please note: This infographic serves as a companion to Delaware Health and Social Services, Division of Public Health, Health Promotion and Disease Prevention's "The Burden of Asthma in Delaware, Update May 2016" which lists all references for presented data.