LUNG CANCER – Delaware 2011-2015

Risk Factors
- Tobacco use (according to the US Department of Health and Human Services 85%-90% are caused by tobacco use)
- Exposure to secondhand smoke
- Heavy alcohol use
- Diet low in fruits and vegetables/high in cholesterol
- Occupational exposure to asbestos, paint, mustard gas and other chemicals
- Environmental exposure to radon gas, air pollution
- Family history of lung cancer
- Personal history of tuberculosis

Early Detection
- Screening is recommended for men and women 55-80 who:
  - Smoke or have smoked a pack a day for 30 or more years, or 2 packs a day for 15 or more years
  - Currently smoke or quit smoking within the past 15 years
- Screening is performed using a CT scan
- Talk with provider to determine if lung cancer screening is needed

Delaware Lung Cancer Facts
- Most frequently diagnosed cancer
- 15% of new cancer cases diagnosed, 29% of all cancer deaths
- 52% of cases are in males, 53% of deaths are in males
- In 2017, the smoking prevalence among adults in Delaware was 17%


<table>
<thead>
<tr>
<th>Stage of Diagnosis</th>
<th>Incidence</th>
<th>Mortality</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>National Rank</td>
<td>9th</td>
</tr>
<tr>
<td></td>
<td>DE – NH Caucasian</td>
<td>74.1 (71.6, 76.7)</td>
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<tr>
<td></td>
<td>US – NH Caucasian</td>
<td>60.7 (60.5, 61.0)</td>
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<tr>
<td></td>
<td>DE – NH African American</td>
<td>68.5 (62.9, 74.4)</td>
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<tr>
<td></td>
<td>US – NH African American</td>
<td>63.0 (62.2, 63.7)</td>
</tr>
<tr>
<td></td>
<td>DE – Hispanic</td>
<td>37.7 (28.1, 49.2)</td>
</tr>
<tr>
<td></td>
<td>US – Hispanic</td>
<td>27.8 (27.3, 28.2)</td>
</tr>
<tr>
<td></td>
<td>DE – Male</td>
<td>82.9 (79.4, 86.6)</td>
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<tr>
<td></td>
<td>US – Male</td>
<td>63.8 (63.4, 64.1)</td>
</tr>
<tr>
<td></td>
<td>DE – Female</td>
<td>62.8 (60.0, 65.7)</td>
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<tr>
<td></td>
<td>US – Female</td>
<td>47.8 (47.5, 48.0)</td>
</tr>
</tbody>
</table>

Stage of Diagnosis
- Local 22%
- Regional 22%
- Distant 52%
- Unknown 5%

Age at Diagnosis
- 0-39 Years 79.3 51.0
- 40-64 Years 336.7 215.2
- 75-84 Years 486.3 374.4
- 85 Years and Older 403.6 377.1

Data Sources
Delaware (Incidence): Delaware Cancer Registry, Delaware Health and Social Services, Division of Public Health, 2018
Delaware (Mortality): Delaware Health Statistics Center, 2018
US: Surveillance, Epidemiology and End Results Program (SEER 18), National Cancer Institute, 2018

NH – Non-Hispanic
*Age-Adjusted Rates/100,000 of Population (rates based on less than 25 cases or deaths are not shown)
*Age-Specific Rates/100,000 of Population (rates based on less than 25 cases or deaths are not shown)