Using Cancer Registry Data to Develop Indiana’s First Cervical Cancer Strategic Plan
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**Background**
Cervical cancer is almost 100 percent preventable through regular screening, avoidance of controllable risk factors, and vaccination against the human papillomavirus (HPV). Nationally in 2018, there were an estimated 13,240 cases of cervical cancer diagnosed and 4,170 deaths due to cervical cancer. In Indiana, approximately 264 new cases of cervical cancer and 88 cervical cancer-related deaths occur annually (Table 1).

**Methods**
Cases for 2012-2016 were pulled from the ISCR from a recent evaluation and for 2002-2016 to determine the burden over a longer time period. Items assessed were incidence, mortality, affected ages, stage at diagnosis, race/ethnicity and rural/urban counties.

**Results**
During 2012-2016, the average yearly cervical cancer incidence and mortality rates were 8.0* and 2.5* per 100,000 women, respectively (Table 1). Most cervical cancers were diagnosed during the regional or distant stages (54%) (Figure 1).

Table 1: Cervical Cancer Incidence and Mortality — Indiana, 2012-2016

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<thead>
<tr>
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<th>Average number of cases per year</th>
<th>Rate per 100,000 women*</th>
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<tbody>
<tr>
<td>Incidence</td>
<td>264</td>
<td>8.0</td>
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<tr>
<td>Deaths</td>
<td>88</td>
<td>2.5</td>
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*Age-adjusted to the US 2000 Standard Population.
Source: Indiana State Cancer Registry

**Conclusion**
The ISDH used ISCR data to develop the first of its kind state cervical cancer strategic plan. The plan includes four focus areas across the cancer control continuum. One of the 10 objectives is to reduce late-stage (regional and distant) cervical cancer diagnoses in Indiana from 54% to 40% by 2028 as measured by the ISCR.

**Sources**
Indiana State Cancer Registry, https://www.in.gov/isdh/24968.htm

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