Colorado Catchment Fact Sheet

DEMOGRAPHICS

The University of Colorado Cancer Center defines its catchment area as Colorado, providing outreach and care to individuals statewide. Colorado demographics and socioeconomic factors are shown below.
Colorado Maps

Demographics Map

The map (right) shows rural, urban, and frontier counties overlaid with areas of 15%+ living below poverty level and areas of 25%+ Hispanic ethnicity.

Hispanic/Latino (of any race) residents represent 21.7% of Colorado’s population. Notably, 12.5% of Coloradans reside in Rural or Frontier counties.

Patients Treated at the University of Colorado Cancer Center and Community Projects

The University of Colorado Cancer Center (UCCC) treats oncology patients from every county in Colorado. UCCC also reaches every county with 18 cancer prevention, screening, and survivorship projects (numbers on the map show how many serve each state region).

Patient Characteristics

82.5% Urban
7.8% Rural/Frontier
9.7% Out of State
78.45% NH White
8.59% Hispanic
4.64% NH Black or African American
0.19% NH American Indian or Alaska Native
0.17% NH Asian or Pacific Islander
2.64% NH Other or Multiple
5.32% Unknown Ethnicity

Number of Patients

1-50
51-100
101-500
501-1000
1001-2500
2501-5000
5001+
Cancer Burden in Colorado
Rate per 100,000 persons, 2015-2019 | Trend lines represent national average

Top 10 New Cancer Cases
- Female Breast: 130.4
- Prostate: 93.2
- Lung and Bronchus: 39.5
- Colon and Rectum: 32.3
- Corpus and Uterus NOS: 22.9
- Melanomas of the Skin: 22.1
- Urinary Bladder: 18.1
- Non-Hodgkin Lymphoma: 17.1
- Kidney and Renal Pelvis: 14.4
- Thyroid: 14.1

Top 10 New Cancer Cases by Race/Ethnicity
- Female Breast:
  - NH-White: 131.8
  - Hispanic: 108.5
  - Black/African American: 133.2
- Prostate:
  - NH-White: 87.7
  - Hispanic: 88.5
  - Black/African American: 113.8
- Lung and Bronchus:
  - NH-White: 47.7
  - Hispanic: 36.1
  - Black/African American: 39.7
- Colon and Rectum:
  - NH-White: 28.6
  - Hispanic: 33.7
  - Black/African American: 36.2
- Corpus and Uterus NOS:
  - NH-White: 21.1
  - Hispanic: 21.1
  - Black/African American: 11.8
- Melanomas of the Skin:
  - NH-White: 14.6
  - Hispanic: 22.9
  - Black/African American: 20.5
- Urinary Bladder:
  - NH-White: 10.4
  - Hispanic: 11.2
  - Black/African American: 13.2
- Non-Hodgkin Lymphoma:
  - NH-White: 12.1
  - Hispanic: 17.3
  - Black/African American: 15.1
- Kidney and Renal Pelvis:
  - NH-White: 14.4
  - Hispanic: 14.3
  - Black/African American: 12.4
- Thyroid:
  - NH-White: 7.4
  - Hispanic: 7.4
  - Black/African American: 11.4

Top 10 New Cancer Cases by Urban, Rural, and Frontier Counties
- Female Breast:
  - Urban: 120.8
  - Rural: 112.3
  - Frontier: 133.4
- Prostate:
  - Urban: 85.6
  - Rural: 82.4
  - Frontier: 83.5
- Lung and Bronchus:
  - Urban: 63.0
  - Rural: 67.5
  - Frontier: 74.6
- Colon and Rectum:
  - Urban: 60.3
  - Rural: 60.9
  - Frontier: 70.6
- Corpus and Uterus NOS:
  - Urban: 22.6
  - Rural: 20.5
  - Frontier: 23.2
- Melanoma of the Skin:
  - Urban: 42.9
  - Rural: 44.8
  - Frontier: 42.0
- Urinary Bladder:
  - Urban: 35.5
  - Rural: 33.5
  - Frontier: 36.1
- Non-Hodgkin Lymphoma:
  - Urban: 26.1
  - Rural: 30.5
  - Frontier: 32.9
- Kidney and Renal Pelvis:
  - Urban: 25.9
  - Rural: 24.9
  - Frontier: 23.3
- Thyroid:
  - Urban: 24.6
  - Rural: 23.9
  - Frontier: 29.0
Cancer Burden in Colorado
Rate per 100,000 persons, 2015-2019 | Trend lines represent national average

### Top 10 Cancer Deaths

<table>
<thead>
<tr>
<th>Cancer Type</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung and Bronchus</td>
<td>25.30</td>
</tr>
<tr>
<td>Prostate</td>
<td>21.20</td>
</tr>
<tr>
<td>Female Breast</td>
<td>18.70</td>
</tr>
<tr>
<td>Colon and Rectum</td>
<td>11.50</td>
</tr>
<tr>
<td>Pancreas</td>
<td>9.50</td>
</tr>
<tr>
<td>Ovary</td>
<td>6.30</td>
</tr>
<tr>
<td>Liver and Intrahepatic Bile Duct</td>
<td>5.70</td>
</tr>
<tr>
<td>Leukemias</td>
<td>5.60</td>
</tr>
<tr>
<td>Non-Hodgkin Lymphoma</td>
<td>4.50</td>
</tr>
<tr>
<td>Brain and Other Nervous System</td>
<td>4.30</td>
</tr>
</tbody>
</table>

### Top 10 Cancer Deaths by Race/Ethnicity

<table>
<thead>
<tr>
<th>Cancer Type</th>
<th>NH-White</th>
<th>Hispanic</th>
<th>Black / African American</th>
<th>American Indian or Alaskan Native</th>
<th>Asian or Pacific Islander</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung and Bronchus</td>
<td>25.30</td>
<td>20.00</td>
<td>42.90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prostate</td>
<td>18.30</td>
<td>21.60</td>
<td>28.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female Breast</td>
<td>19.00</td>
<td>16.60</td>
<td>25.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colon and Rectum</td>
<td>11.40</td>
<td>14.00</td>
<td>15.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pancreas</td>
<td>8.20</td>
<td>9.60</td>
<td>10.90</td>
<td>8.00</td>
<td></td>
</tr>
<tr>
<td>Ovary</td>
<td>6.40</td>
<td>9.50</td>
<td>8.50</td>
<td>7.20</td>
<td></td>
</tr>
<tr>
<td>Liver and Intrahepatic Bile Duct</td>
<td>5.80</td>
<td>6.20</td>
<td>7.70</td>
<td>4.80</td>
<td></td>
</tr>
<tr>
<td>Leukemias</td>
<td>5.50</td>
<td>5.20</td>
<td>5.80</td>
<td>4.40</td>
<td></td>
</tr>
<tr>
<td>Non-Hodgkin Lymphoma</td>
<td>4.60</td>
<td>4.50</td>
<td>5.60</td>
<td>4.20</td>
<td></td>
</tr>
<tr>
<td>Brain and Other Nervous System</td>
<td>4.50</td>
<td>4.30</td>
<td>5.00</td>
<td>3.60</td>
<td></td>
</tr>
</tbody>
</table>

### Top 10 Cancer Deaths by Urban, Rural, and Fronteir Counties

<table>
<thead>
<tr>
<th>Cancer Type</th>
<th>Frontier</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung and Bronchus</td>
<td>26.61</td>
<td>24.59</td>
<td>27.28</td>
</tr>
<tr>
<td>Prostate</td>
<td>10.70</td>
<td>12.17</td>
<td></td>
</tr>
<tr>
<td>Female breast</td>
<td>10.56</td>
<td>11.75</td>
<td>12.54</td>
</tr>
<tr>
<td>Colon and Rectum</td>
<td>13.52</td>
<td>13.65</td>
<td>17.23</td>
</tr>
<tr>
<td>Pancreas</td>
<td>7.28</td>
<td>7.74</td>
<td>9.45</td>
</tr>
<tr>
<td>Ovary</td>
<td>3.11</td>
<td>3.03</td>
<td>3.08</td>
</tr>
<tr>
<td>Liver and Intrahepatic Bile Duct</td>
<td>4.43</td>
<td>4.96</td>
<td></td>
</tr>
<tr>
<td>Leukemias</td>
<td>4.51</td>
<td>5.41</td>
<td>5.62</td>
</tr>
<tr>
<td>Non-Hodgkin Lymphoma</td>
<td>5.18</td>
<td>6.03</td>
<td>6.68</td>
</tr>
<tr>
<td>Brain or other nervous systems</td>
<td>3.11</td>
<td>4.36</td>
<td>4.29</td>
</tr>
</tbody>
</table>

*Cancer Mortality data was suppressed for American Indian or Alaskan Natives for Breast, Liver, Leukemias, Non-Hodgkin Lymphoma, and Brain and Other Nervous System Cancers*
Behavioral Risk Factors

- **Current Smoking**: 12.37%
- **Heavy Drinking**: 7.78%
- **Obesity**: 24.15%
- **Physical Inactivity**: 16.64%

<table>
<thead>
<tr>
<th>Category</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>White, non-Hispanic</td>
<td>11.59%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>12.78%</td>
</tr>
<tr>
<td>Black</td>
<td>23.18%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>19.70%</td>
</tr>
<tr>
<td>Asian or Pacific Islander</td>
<td>6.33%</td>
</tr>
<tr>
<td>Other</td>
<td>20.18%</td>
</tr>
<tr>
<td>Urban</td>
<td>12.19%</td>
</tr>
<tr>
<td>Rural/Frontier</td>
<td>15.45%</td>
</tr>
</tbody>
</table>

HPV Vaccination

- **HPV Vaccine Initiation**: 81.00% (US Average 75.00%)
- **HPV Vaccine Up-to-Date**: 65.37% (US Average 58.52%)

<table>
<thead>
<tr>
<th>Category</th>
<th>Vaccine Initiation</th>
<th>Vaccine Up-to-Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>White, non-Hispanic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hispanic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black, non-Hispanic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other+ Multiple Race*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At or Above Poverty Level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Below Poverty Level</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cancer Screening

- **Colorectal Screening**: 73.50%
- **Mammogram**: 72.71%
- **Pap Test**: 75.41%

<table>
<thead>
<tr>
<th>Category</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>White, non-Hispanic</td>
<td>75.38%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>65.42%</td>
</tr>
<tr>
<td>Black</td>
<td>68.13%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>65.87%</td>
</tr>
<tr>
<td>Asian or Pacific Islander</td>
<td>75.05%</td>
</tr>
<tr>
<td>Other</td>
<td>59.89%</td>
</tr>
<tr>
<td>Urban</td>
<td>74.10%</td>
</tr>
<tr>
<td>Rural/Frontier</td>
<td>66.59%</td>
</tr>
</tbody>
</table>

* Other + Multiple Races includes: American Indian, Alaska Native, Asian, Native Hawaiian, Pacific Islander, Other

Colorado teens (11-17) are higher than the national average in percent receiving a first HPV vaccine and percent up-to-date on HPV vaccination
Sources


Note: The public use database excludes cases identified only through death certificate or autopsy reports.

CU Cancer Center Patients: Health Data Compass, University of Colorado Anschutz Medical Campus (FY15-22).

Cancer Screening (ages as noted below): Behavioral Risk Factor Surveillance System (2020).
Definitions: Current Smoker (smokes cigarettes on some/all days); Heavy Drinker (>2 drinks/day for males and >1 drink/day for females); Obese (BMI ≥30); Physically Inactive (no physical activity/exercise outside of job during past 30 days); Mammogram (females ages 50-74 with mammogram in past 2 years); Pap Test (females ages 21-65 with pap test in past 3 years); Colorectal Cancer Screening (adults ages 50-75 with FOBT in past year, or a sigmoidoscopy in past 5 years and a FOBT in past 3 years, or a colonoscopy in past 10 years).

Definitions: HPV Vaccine Initiation (1+ doses); HPV Vaccine Up-to-Date: (≥3 doses, or 2 doses when the first HPV vaccine dose was initiated at age <15 years and with at least 5 months minus 4 days between the first and second dose).

University of Colorado Cancer Center Programs: University of Colorado Office of Community Outreach and Engagement Catchment Survey (2020-2022).