



Health Analytics and Vital Records

Division of Public Health

Department of Health and Social Services

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Alaska Facts and Figures

2013-2017 Alaska Resident Leading Causes of Cancer Deaths

The Alaska Facts and Figures tables were prepared by the Alaska Department of Health and Social Services, Division of Public Health, Health Analytics and Vital Records Section. These tables summarize mortality data from Alaska Vital Statistics during a 5-year period, from 2013 to 2017, on the leading causes of Alaska resident malignant neoplasm deaths, also known as cancers.

Additional Information

- The statistics provided in the tables reflect data from Alaska residents only. Counts and rates may differ from other reports or publications that present data for deaths that occurred in Alaska, regardless of residency.
- These tables provide counts and rates for the leading causes of deaths due to malignant neoplasms (cancer).
 - Twenty four types of cancer, based on the tenth revision of the International Statistical Classification of Diseases (ICD-10) underlying cause of death codes (between C00 and C97X), are counted and categorized before ranking the leading categories.
 - The ten *Cause of Cancer Death* categories having the highest number of deaths are listed for the tables by *Year* and for the tables by *Sex*. For the tables by *Race*, *Age Group*, and *Regional Area* ([Public Health Region](#)), only the top three cancer categories are listed.
- These tables also provide the sum of *Years of Potential Life Lost* (YPLL), YPLL rates, and the average YPLL for each cause of death. YPLL measures the impact of premature mortality, and is defined as the difference between an expected natural lifespan (assumed here as 75 years), and the actual age of death before that time. The YPLL rates are defined as the number of years of potential life lost per 100,000 population under the age of 75 years old.
- Gender-specific cancer mortality rates are calculated using the population for just one gender as the denominator. “Prostate” cancer is male specific. “Breast”, “Corpus Uteri and Uterus”, and “Ovary” cancer are female specific. Although males can be diagnosed with “Breast” cancer (a rare occurrence), they are not included in the counts.
- The counts in the cancer categories are mutually exclusive. A cancer death is counted in only one cancer category based on the underlying cause of death which is classified by the National Center for Health Statistics (NCHS) using the death certificate narrative by the physician or medical examiner.
- Any rate based on fewer than 6 events is not reported, and any rate based on fewer than 20 events is statistically unreliable and should be interpreted with caution. Due to relatively small numbers of cases, only the overall total (unstratified) rankings are for a single year are reported. The tables stratified by *Sex*, *Race*, *Age Group*, and *Regional Area* show counts totaled for five year periods from 2009-2013 through 2013-2017.
- Age-adjusted rates were adjusted by year 2000 standard population ratios. For more information see the Healthy People Statistical Notes on [Age adjustment using the 2000 projected U.S. population](#), January 2001.
- The single-race population estimates used to calculate rates in these tables are provided by the Alaska Department of Labor and Workforce Development, Research and Analysis Section, Demographics Unit.



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Alaska Resident Leading Causes of Cancer Deaths - Top Ten by Year (2013-2017)

| Year | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2017 | 1 | Lung and bronchus | 200 | 27.1 | 30.9 | 69 | 1,451 | 204.2 | 173.4 | 7.3 |
| | 2 | Colon and rectum | 101 | 13.7 | 15.0 | 68 | 942 | 132.6 | 120.2 | 9.3 |
| | 3 | Pancreas | 61 | 8.3 | 9.2 | 68 | 467 | 65.7 | 51.4 | 7.7 |
| | 4 | Breast † | 56 | 15.7 | 15.2 | 67.5 | 589 | 171.6 | 152.5 | 10.5 |
| | 5 | Liver and intrahepatic bile ducts | 39 | 5.3 | 5.1 | 65 | 390 | 54.9 | 44.2 | 10 |
| | 6 | Prostate †† | 38 | 10.0 | 16.7 | 79.5 | 117 | 31.8* | 23.5* | 3.1 |
| | 7 | Esophagus | 35 | 4.7 | 4.7 | 67 | 327 | 46.0 | 39.5 | 9.3 |
| | 8 | Brain and other nervous system | 33 | 4.5 | 4.7 | 62 | 563 | 79.2 | 76.8 | 17.1 |
| | 9 | Non-Hodgkin lymphoma | 32 | 4.3 | 5.1 | 71.5 | 243 | 34.2* | 30.3* | 7.6 |
| | 10 | Leukemia | 29 | 3.9 | 4.4 | 68 | 432 | 60.8 | 55.8 | 14.9 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:

1. Events per 100,000 population.
2. Events per 100,000 population, age adjusted to year 2000 standard population.
3. Years per 100,000 population under 75 years old.
4. Years per 100,000 population under 75 years old, age adjusted to year 2000 standard population.

† Female only.

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|------|----------------------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2016 | 1 | Lung and bronchus | 227 | 30.7 | 37.1 | 71 | 1,418 | 198.5 | 163.7 | 6.2 |
| | 2 | Colon and rectum | 90 | 12.2 | 14.2 | 68 | 963 | 134.8 | 119.9 | 10.7 |
| | 3 | Pancreas | 79 | 10.7 | 11.6 | 68 | 812 | 113.7 | 102.9 | 10.3 |
| | 4 | Breast † | 66 | 18.5 | 18.9 | 65 | 876 | 254.8 | 246.3 | 13.3 |
| | 5 | Liver and intrahepatic bile ducts | 50 | 6.8 | 7.2 | 65 | 505 | 70.7 | 61.0 | 10.1 |
| | 6 | Esophagus | 42 | 5.7 | 5.9 | 64.5 | 438 | 61.3 | 52.5 | 10.4 |
| | | Prostate †† | 42 | 11.0 | 17.8 | 79 | 99 | 26.7* | 23.2* | 2.4 |
| | 7 | Brain and other nervous system | 38 | 5.1 | 5.3 | 63 | 598 | 83.7 | 80.8 | 15.7 |
| | 8 | Leukemia | 34 | 4.6 | 5.6 | 73 | 326 | 45.6 | 43.3 | 9.6 |
| | 9 | Stomach | 31 | 4.2 | 4.7 | 68 | 323 | 45.2 | 40.2 | 10.4 |
| 10 | Bladder | 26 | 3.5 | 4.0 | 66.5 | 232 | 32.5* | 26.3* | 8.9 | |
| | Non-Hodgkin lymphoma | 26 | 3.5 | 4.3 | 72.5 | 166 | 23.2* | 18.0* | 6.4 | |

Data Accessed: 11/16/2018
 Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:
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|------|----------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2015 | 1 | Lung and bronchus | 257 | 34.8 | 40.0 | 70 | 2,007 | 281.4 | 238.1 | 7.8 |
| | 2 | Colon and rectum | 84 | 11.4 | 14.0 | 67 | 810 | 113.6 | 104.5 | 9.6 |
| | 3 | Pancreas | 64 | 8.7 | 9.9 | 68 | 504 | 70.7 | 57.2 | 7.9 |
| | 4 | Breast † | 59 | 16.6 | 16.9 | 63 | 710 | 207.6 | 186.1 | 12 |
| | 5 | Non-Hodgkin lymphoma | 38 | 5.2 | 6.3 | 73.5 | 291 | 40.8 | 32.0 | 7.7 |
| | 6 | Prostate †† | 34 | 8.9 | 14.1 | 72 | 166 | 44.7* | 37.0* | 4.9 |
| | 7 | Esophagus | 33 | 4.5 | 5.6 | 71 | 222 | 31.1* | 24.8* | 6.7 |
| | | Liver and intrahepatic bile ducts | 33 | 4.5 | 4.6 | 62 | 435 | 61.0 | 53.6 | 13.2 |
| | 8 | Stomach | 32 | 4.3 | 4.8 | 62.5 | 442 | 62.0 | 58.6 | 13.8 |
| | 9 | Kidney and renal pelvis | 27 | 3.7 | 4.2 | 69 | 212 | 29.7* | 25.7* | 7.9 |
| 10 | Leukemia | 26 | 3.5 | 4.8 | 73 | 280 | 39.3* | 38.3* | 10.8 | |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

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|------|------|--|-------------------------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | Deaths | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2014 | 1 | Lung and bronchus | 238 | 32.3 | 39.1 | 69 | 1,889 | 264.8 | 226.9 | 7.9 |
| | 2 | Colon and rectum | 88 | 11.9 | 15.1 | 70.5 | 819 | 114.8 | 103.7 | 9.3 |
| | 3 | Breast † | 73 | 20.5 | 23.0 | 65 | 830 | 242.4 | 226.4 | 11.4 |
| | 4 | Pancreas | 62 | 8.4 | 10.1 | 68 | 535 | 75.0 | 66.6 | 8.6 |
| | 5 | Liver and intrahepatic bile ducts | 58 | 7.9 | 7.9 | 63 | 701 | 98.3 | 85.6 | 12.1 |
| | 6 | Prostate †† | 53 | 13.9 | 22.5 | 74 | 274 | 73.8 | 63.6 | 5.2 |
| | 7 | Leukemia | 37 | 5.0 | 6.3 | 71 | 410 | 57.5 | 54.4 | 11.1 |
| | 8 | Esophagus | 30 | 4.1 | 5.0 | 68 | 206 | 28.9* | 23.6* | 6.9 |
| | 9 | Stomach | 24 | 3.3 | 3.6 | 54 | 395 | 55.4 | 55.1 | 16.5 |
| | | | Kidney and renal pelvis | 24 | 3.3 | 4.1 | 68.5 | 185 | 25.9* | 24.6* |
| | | Non-Hodgkin lymphoma | 24 | 3.3 | 3.9 | 70.5 | 180 | 25.2* | 23.1* | 7.5 |
| 10 | | Multiple myeloma and immunoproliferative | 23 | 3.1 | 3.6 | 66 | 203 | 28.5* | 24.3* | 8.8 |

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|------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2013 | 1 | Lung and bronchus | 271 | 36.8 | 45.7 | 69 | 2,195 | 307.9 | 270.8 | 8.1 |
| | 2 | Colon and rectum | 99 | 13.5 | 15.9 | 65 | 1,075 | 150.8 | 137.9 | 10.9 |
| | 3 | Pancreas | 69 | 9.4 | 11.0 | 65 | 781 | 109.5 | 98.7 | 11.3 |
| | 4 | Breast † | 61 | 17.2 | 18.9 | 64 | 772 | 225.3 | 220.0 | 12.7 |
| | 5 | Liver and intrahepatic bile ducts | 52 | 7.1 | 7.2 | 64 | 563 | 79.0 | 67.8 | 10.8 |
| | 6 | Prostate †† | 39 | 10.3 | 17.0 | 73 | 217 | 58.6 | 49.4 | 5.6 |
| | 7 | Stomach | 35 | 4.8 | 5.9 | 62 | 391 | 54.8 | 48.6 | 11.2 |
| | 8 | Esophagus | 31 | 4.2 | 4.5 | 63 | 325 | 45.6 | 37.6 | 10.5 |
| | 9 | Brain and other nervous system | 30 | 4.1 | 4.3 | 58 | 559 | 78.4 | 78.1 | 18.6 |
| | 10 | Leukemia | 28 | 3.8 | 5.1 | 73.5 | 282 | 39.6* | 38.3* | 10.1 |
| | | Kidney and renal pelvis | 28 | 3.8 | 5.3 | 74 | 155 | 21.7* | 18.2* | 5.5 |

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| Years | Sex | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|--------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2013-2017 | Female | 1 | Lung and bronchus | 527 | 29.6 | 33.3 | 70 | 3,871 | 225.8 | 194.8 | 7.3 |
| | | 2 | Breast † | 315 | 17.7 | 18.5 | 64 | 3,777 | 220.3 | 206.5 | 12 |
| | | 3 | Colon and rectum | 219 | 12.3 | 13.9 | 68 | 2,217 | 129.3 | 119.0 | 10.1 |
| | | 4 | Pancreas | 164 | 9.2 | 10.0 | 67 | 1,505 | 87.8 | 74.7 | 9.2 |
| | | 5 | Ovary † | 93 | 5.2 | 5.4 | 65 | 947 | 55.2 | 47.0 | 10.2 |
| | | 6 | Brain and other nervous system | 73 | 4.1 | 4.2 | 62 | 1,177 | 68.7 | 66.6 | 16.1 |
| | | 7 | Leukemia | 70 | 3.9 | 4.6 | 71 | 764 | 44.6 | 42.1 | 10.9 |
| | | 8 | Liver and intrahepatic bile ducts | 68 | 3.8 | 4.0 | 65 | 672 | 39.2 | 34.2 | 9.9 |
| | | 9 | Non-Hodgkin lymphoma | 59 | 3.3 | 4.0 | 75 | 326 | 19.0 | 15.0 | 5.5 |
| | | 10 | Corpus uteri and uterus † | 55 | 3.1 | 3.3 | 67 | 582 | 34.0 | 30.9 | 10.6 |

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|-----------|------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2013-2017 | Male | 1 | Lung and bronchus | 666 | 35.0 | 44.2 | 69 | 5,089 | 275.0 | 232.0 | 7.6 |
| | | 2 | Colon and rectum | 243 | 12.8 | 16.1 | 67 | 2,392 | 129.3 | 115.9 | 9.8 |
| | | 3 | Prostate †† | 206 | 10.8 | 17.6 | 76 | 873 | 47.2 | 39.1 | 4.2 |
| | | 4 | Pancreas | 171 | 9.0 | 10.7 | 67 | 1,594 | 86.1 | 75.8 | 9.3 |
| | | 5 | Liver and intrahepatic bile ducts | 164 | 8.6 | 8.6 | 63 | 1,922 | 103.9 | 88.8 | 11.7 |
| | | 6 | Esophagus | 135 | 7.1 | 8.4 | 67 | 1,172 | 63.3 | 52.8 | 8.7 |
| | | 7 | Stomach | 96 | 5.0 | 5.9 | 60 | 1,325 | 71.6 | 68.0 | 13.8 |
| | | 8 | Non-Hodgkin lymphoma | 85 | 4.5 | 5.6 | 70 | 698 | 37.7 | 32.2 | 8.2 |
| | | 9 | Leukemia | 84 | 4.4 | 5.8 | 71.5 | 966 | 52.2 | 49.5 | 11.5 |
| | | 10 | Kidney and renal pelvis | 75 | 3.9 | 5.1 | 65 | 832 | 45.0 | 43.6 | 11.1 |

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|-----------|--------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2012-2016 | Female | 1 | Lung and bronchus | 555 | 31.3 | 36.4 | 70 | 4,013 | 234.6 | 204.8 | 7.2 |
| | | 2 | Breast † | 317 | 17.8 | 19.0 | 63 | 3,957 | 231.3 | 217.9 | 12.5 |
| | | 3 | Colon and rectum | 210 | 11.8 | 13.5 | 68 | 2,205 | 128.9 | 118.9 | 10.5 |
| | | 4 | Pancreas | 173 | 9.7 | 10.9 | 68 | 1,554 | 90.8 | 79.2 | 9 |
| | | 5 | Ovary † | 98 | 5.5 | 6.0 | 66 | 1,020 | 59.6 | 52.8 | 10.4 |
| | | 6 | Brain and other nervous system | 67 | 3.8 | 3.9 | 63 | 1,040 | 60.8 | 58.1 | 15.5 |
| | | 7 | Leukemia | 66 | 3.7 | 4.5 | 72.5 | 656 | 38.3 | 36.8 | 9.9 |
| | | 8 | Liver and intrahepatic bile ducts | 60 | 3.4 | 3.6 | 65 | 594 | 34.7 | 29.8 | 9.9 |
| | | 9 | Corpus uteri and uterus † | 57 | 3.2 | 3.6 | 68 | 596 | 34.8 | 31.9 | 10.5 |
| | | 10 | Non-Hodgkin lymphoma | 56 | 3.2 | 3.9 | 75 | 259 | 15.1 | 11.7 | 4.6 |

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| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2012-2016 | Male | 1 | Lung and bronchus | 697 | 36.6 | 48.3 | 70 | 5,224 | 282.0 | 243.7 | 7.5 |
| | | 2 | Colon and rectum | 237 | 12.4 | 16.4 | 67 | 2,390 | 129.0 | 116.6 | 10.1 |
| | | 3 | Prostate †† | 204 | 10.7 | 17.8 | 76 | 906 | 48.9 | 42.5 | 4.4 |
| | | 4 | Liver and intrahepatic bile ducts | 166 | 8.7 | 8.8 | 63 | 2,027 | 109.4 | 94.6 | 12.2 |
| | | 5 | Pancreas | 164 | 8.6 | 10.5 | 68 | 1,566 | 84.5 | 74.7 | 9.5 |
| | | 6 | Esophagus | 126 | 6.6 | 7.9 | 66 | 1,161 | 62.7 | 51.7 | 9.2 |
| | | 7 | Stomach | 96 | 5.0 | 5.9 | 60 | 1,385 | 74.8 | 71.5 | 14.4 |
| | | 8 | Leukemia | 93 | 4.9 | 6.7 | 71 | 1,060 | 57.2 | 54.0 | 11.4 |
| | | 9 | Non-Hodgkin lymphoma | 82 | 4.3 | 5.6 | 70 | 633 | 34.2 | 28.9 | 7.7 |
| | | 10 | Brain and other nervous system | 72 | 3.8 | 4.2 | 60 | 1,202 | 64.9 | 61.8 | 16.7 |

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| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2011-2015 | Female | 1 | Lung and bronchus | 573 | 32.5 | 38.8 | 70 | 4,251 | 249.7 | 224.7 | 7.4 |
| | | 2 | Breast † | 308 | 17.4 | 19.1 | 64 | 3,669 | 215.5 | 202.1 | 11.9 |
| | | 3 | Colon and rectum | 197 | 11.2 | 13.2 | 68 | 2,002 | 117.6 | 109.0 | 10.2 |
| | | 4 | Pancreas | 161 | 9.1 | 10.7 | 68 | 1,428 | 83.9 | 76.2 | 8.9 |
| | | 5 | Ovary † | 103 | 5.8 | 6.4 | 64 | 1,216 | 71.4 | 63.1 | 11.8 |
| | | 6 | Leukemia | 61 | 3.5 | 4.5 | 75 | 581 | 34.1 | 33.3 | 9.5 |
| | | 7 | Brain and other nervous system | 58 | 3.3 | 3.3 | 62 | 1,020 | 59.9 | 58.0 | 17.6 |
| | | 8 | Corpus uteri and uterus † | 57 | 3.2 | 3.5 | 66 | 621 | 36.5 | 32.1 | 10.9 |
| | | | Liver and intrahepatic bile ducts | 57 | 3.2 | 3.4 | 65 | 563 | 33.1 | 28.9 | 9.9 |
| | | 9 | Non-Hodgkin lymphoma | 54 | 3.1 | 3.9 | 74.5 | 296 | 17.4 | 14.6 | 5.5 |
| | | 10 | Kidney and renal pelvis | 44 | 2.5 | 2.9 | 72 | 283 | 16.6 | 14.3 | 6.4 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:

1. Events per 100,000 population.
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Alaska Facts & Figures

Alaska Resident Leading Causes of Cancer Deaths - Top Ten by 5 Year Interval and Sex (2009-2017)

| Years | Sex | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2011-2015 | Male | 1 | Lung and bronchus | 718 | 37.8 | 50.7 | 69 | 5,767 | 312.0 | 271.3 | 8 |
| | | 2 | Colon and rectum | 234 | 12.3 | 16.7 | 67 | 2,372 | 128.3 | 117.0 | 10.1 |
| | | 3 | Prostate †† | 201 | 10.6 | 18.2 | 75 | 976 | 52.8 | 47.4 | 4.9 |
| | | 4 | Liver and intrahepatic bile ducts | 163 | 8.6 | 8.9 | 62 | 2,011 | 108.8 | 91.9 | 12.3 |
| | | 5 | Pancreas | 155 | 8.2 | 10.5 | 67 | 1,412 | 76.4 | 66.1 | 9.1 |
| | | 6 | Esophagus | 128 | 6.7 | 8.7 | 67 | 1,081 | 58.5 | 47.9 | 8.4 |
| | | 7 | Non-Hodgkin lymphoma | 93 | 4.9 | 6.7 | 70 | 771 | 41.7 | 37.4 | 8.3 |
| | | 8 | Leukemia | 92 | 4.8 | 6.9 | 70 | 1,115 | 60.3 | 57.7 | 12.1 |
| | | 9 | Stomach | 91 | 4.8 | 5.6 | 59 | 1,377 | 74.5 | 70.8 | 15.1 |
| | | 10 | Brain and other nervous system | 82 | 4.3 | 5.0 | 60 | 1,367 | 74.0 | 72.2 | 16.7 |

Data Accessed: 11/16/2018
 Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:
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| Years | Sex | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|--------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2010-2014 | Female | 1 | Lung and bronchus | 574 | 32.8 | 40.9 | 69 | 4,389 | 259.8 | 238.6 | 7.6 |
| | | 2 | Breast † | 308 | 17.6 | 20.0 | 65 | 3,537 | 209.3 | 195.5 | 11.5 |
| | | 3 | Colon and rectum | 190 | 10.9 | 13.1 | 66 | 2,122 | 125.6 | 120.5 | 11.2 |
| | | 4 | Pancreas | 145 | 8.3 | 9.9 | 68 | 1,326 | 78.5 | 72.0 | 9.1 |
| | | 5 | Ovary † | 96 | 5.5 | 6.2 | 62.5 | 1,235 | 73.1 | 67.7 | 12.9 |
| | | 6 | Corpus uteri and uterus † | 59 | 3.4 | 3.9 | 67 | 600 | 35.5 | 30.4 | 10.2 |
| | | 7 | Leukemia | 55 | 3.1 | 4.2 | 74 | 505 | 29.9 | 29.6 | 9.2 |
| | | | Liver and intrahepatic bile ducts | 55 | 3.1 | 3.5 | 66 | 502 | 29.7 | 26.4 | 9.1 |
| | | | Brain and other nervous system | 55 | 3.1 | 3.2 | 62 | 1,030 | 61.0 | 60.2 | 18.7 |
| | | 8 | Non-Hodgkin lymphoma | 46 | 2.6 | 3.6 | 76 | 240 | 14.2 | 12.8 | 5.2 |
| | | 9 | Stomach | 43 | 2.5 | 2.9 | 66 | 523 | 31.0 | 29.9 | 12.2 |
| | | 10 | Kidney and renal pelvis | 40 | 2.3 | 2.8 | 69.5 | 296 | 17.5 | 15.8 | 7.4 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:

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Alaska Facts & Figures

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| Years | Sex | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2010-2014 | Male | 1 | Lung and bronchus | 698 | 37.0 | 52.6 | 69 | 5,517 | 300.1 | 268.2 | 7.9 |
| | | 2 | Colon and rectum | 240 | 12.7 | 17.6 | 67 | 2,337 | 127.1 | 114.0 | 9.7 |
| | | 3 | Prostate †† | 210 | 11.1 | 20.0 | 75 | 987 | 53.7 | 49.5 | 4.7 |
| | | 4 | Liver and intrahepatic bile ducts | 160 | 8.5 | 8.9 | 62 | 2,005 | 109.1 | 92.5 | 12.5 |
| | | 5 | Pancreas | 158 | 8.4 | 11.5 | 68 | 1,441 | 78.4 | 69.4 | 9.1 |
| | | 6 | Esophagus | 112 | 5.9 | 7.9 | 67 | 963 | 52.4 | 45.0 | 8.6 |
| | | 7 | Leukemia | 110 | 5.8 | 8.9 | 71 | 1,294 | 70.4 | 67.3 | 11.8 |
| | | 8 | Non-Hodgkin lymphoma | 87 | 4.6 | 6.8 | 70 | 769 | 41.8 | 41.4 | 8.8 |
| | | 9 | Brain and other nervous system | 86 | 4.6 | 5.6 | 61.5 | 1,349 | 73.4 | 70.8 | 15.7 |
| | | 10 | Kidney and renal pelvis | 83 | 4.4 | 6.3 | 67 | 764 | 41.6 | 38.0 | 9.2 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

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Alaska Facts & Figures

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| Years | Sex | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|--------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2009-2013 | Female | 1 | Lung and bronchus | 583 | 33.7 | 43.3 | 70 | 4,578 | 273.6 | 260.0 | 7.9 |
| | | 2 | Breast † | 307 | 17.7 | 20.9 | 66 | 3,372 | 201.5 | 191.1 | 11 |
| | | 3 | Colon and rectum | 181 | 10.5 | 13.0 | 67 | 1,950 | 116.6 | 112.0 | 10.8 |
| | | 4 | Pancreas | 132 | 7.6 | 9.3 | 67.5 | 1,217 | 72.7 | 67.4 | 9.2 |
| | | 5 | Ovary † | 95 | 5.5 | 6.3 | 63 | 1,205 | 72.0 | 66.2 | 12.7 |
| | | 6 | Leukemia | 56 | 3.2 | 4.4 | 74 | 489 | 29.2 | 28.4 | 8.7 |
| | | 7 | Non-Hodgkin lymphoma | 54 | 3.1 | 4.4 | 75.5 | 284 | 17.0 | 16.6 | 5.3 |
| | | 8 | Brain and other nervous system | 52 | 3.0 | 3.2 | 62 | 933 | 55.8 | 55.6 | 17.9 |
| | | 9 | Corpus uteri and uterus † | 50 | 2.9 | 3.6 | 69.5 | 459 | 27.4 | 23.4 | 9.2 |
| | | 10 | Liver and intrahepatic bile ducts | 49 | 2.8 | 3.2 | 66 | 467 | 27.9 | 25.0 | 9.5 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

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Alaska Facts & Figures

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| Years | Sex | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2009-2013 | Male | 1 | Lung and bronchus | 713 | 38.2 | 57.3 | 70 | 5,620 | 308.7 | 283.0 | 7.9 |
| | | 2 | Colon and rectum | 237 | 12.7 | 17.3 | 65.5 | 2,479 | 136.2 | 124.9 | 10.5 |
| | | 3 | Prostate †† | 195 | 10.5 | 20.1 | 76 | 855 | 47.0 | 44.5 | 4.4 |
| | | 4 | Pancreas | 166 | 8.9 | 12.3 | 66 | 1,636 | 89.9 | 81.1 | 9.9 |
| | | 5 | Liver and intrahepatic bile ducts | 142 | 7.6 | 8.4 | 61.5 | 1,812 | 99.5 | 85.1 | 12.8 |
| | | 6 | Leukemia | 102 | 5.5 | 8.9 | 71 | 1,171 | 64.3 | 61.4 | 11.5 |
| | | 7 | Esophagus | 99 | 5.3 | 7.0 | 66 | 945 | 51.9 | 46.7 | 9.5 |
| | | 8 | Brain and other nervous system | 93 | 5.0 | 6.5 | 62 | 1,509 | 82.9 | 82.2 | 16.2 |
| | | 9 | Non-Hodgkin lymphoma | 86 | 4.6 | 7.0 | 69 | 869 | 47.7 | 47.0 | 10.1 |
| | | 10 | Stomach | 83 | 4.4 | 5.9 | 65 | 1,025 | 56.3 | 52.5 | 12.3 |

Data Accessed: 11/16/2018

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Alaska Facts & Figures

Alaska Resident Leading Causes of Cancer Deaths - Top Three by 5 Year Interval and Race (2009-2017)

| Years | Race | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|----------------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2013-2017 | White | 1 | Lung and bronchus | 876 | 34.0 | 36.5 | 70 | 6,454 | 259.9 | 199.0 | 7.4 |
| | | 2 | Colon and rectum | 272 | 10.6 | 11.3 | 68 | 2,509 | 101.1 | 84.8 | 9.2 |
| | | 3 | Pancreas | 261 | 10.1 | 10.4 | 67 | 2,424 | 97.6 | 77.0 | 9.3 |
| | AI/AN | 1 | Lung and bronchus | 231 | 36.5 | 56.3 | 69 | 1,809 | 293.4 | 339.7 | 7.8 |
| | | 2 | Colon and rectum | 158 | 24.9 | 39.8 | 68.5 | 1,594 | 258.5 | 293.3 | 10.1 |
| | | 3 | Stomach | 73 | 11.5 | 15.8 | 60 | 1,044 | 169.3 | 194.8 | 14.3 |
| | Asian/PI/Black | 1 | Lung and bronchus | 78 | 16.4 | 26.3 | 69 | 638 | 137.1 | 153.0 | 8.2 |
| | | 2 | Colon and rectum | 29 | 6.1 | 7.6 | 62 | 432 | 92.8 | 94.9 | 14.9 |
| | | 3 | Breast † | 28 | 11.8 | 14.2 | 60.5 | 408 | 177.0 | 192.0 | 14.6 |
| | | | Liver and intrahepatic bile ducts | 28 | 5.9 | 7.4 | 62.5 | 371 | 79.7 | 87.0 | 13.3 |

Data Accessed: 11/16/2018

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| Years | Race | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|----------------|-----------------------------------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2012-2016 | White | 1 | Lung and bronchus | 924 | 35.8 | 39.9 | 70 | 6,678 | 267.8 | 208.1 | 7.2 |
| | | 2 | Pancreas | 266 | 10.3 | 10.9 | 68 | 2,456 | 98.5 | 79.0 | 9.2 |
| | | | Colon and rectum | 266 | 10.3 | 11.6 | 69 | 2,469 | 99.0 | 83.6 | 9.3 |
| | | 3 | Breast † | 232 | 18.8 | 18.6 | 64 | 2,772 | 234.4 | 203.4 | 11.9 |
| | AI/AN | 1 | Lung and bronchus | 240 | 38.1 | 61.1 | 70 | 1,832 | 298.9 | 354.0 | 7.6 |
| | | 2 | Colon and rectum | 142 | 22.6 | 36.1 | 67 | 1,548 | 252.6 | 287.1 | 10.9 |
| | | 3 | Stomach | 75 | 11.9 | 16.4 | 60 | 1,128 | 184.1 | 215.9 | 15 |
| | Asian/PI/Black | 1 | Lung and bronchus | 80 | 17.1 | 28.7 | 68.5 | 659 | 144.4 | 165.6 | 8.2 |
| | | 2 | Colon and rectum | 36 | 7.7 | 10.3 | 62 | 504 | 110.4 | 115.7 | 14 |
| 3 | | Liver and intrahepatic bile ducts | 28 | 6.0 | 7.4 | 62 | 382 | 83.7 | 91.5 | 13.6 | |

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| Years | Race | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|----------------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2011-2015 | White | 1 | Lung and bronchus | 956 | 37.0 | 42.0 | 69 | 7,443 | 298.1 | 236.6 | 7.8 |
| | | 2 | Pancreas | 260 | 10.1 | 11.3 | 68 | 2,291 | 91.8 | 74.8 | 8.8 |
| | | 3 | Colon and rectum | 252 | 9.8 | 11.3 | 68 | 2,421 | 97.0 | 83.0 | 9.6 |
| | AI/AN | 1 | Lung and bronchus | 238 | 38.1 | 62.4 | 70 | 1,789 | 294.2 | 354.0 | 7.5 |
| | | 2 | Colon and rectum | 142 | 22.7 | 36.8 | 69.5 | 1,405 | 231.1 | 267.2 | 9.9 |
| | | 3 | Stomach | 70 | 11.2 | 15.8 | 59 | 1,050 | 172.7 | 204.0 | 15 |
| | Asian/PI/Black | 1 | Lung and bronchus | 89 | 19.5 | 34.8 | 69 | 718 | 161.0 | 187.4 | 8.1 |
| | | 2 | Colon and rectum | 35 | 7.7 | 10.3 | 62 | 490 | 109.9 | 115.8 | 14 |
| | | 3 | Liver and intrahepatic bile ducts | 29 | 6.4 | 7.8 | 61 | 426 | 95.5 | 103.9 | 14.7 |

Data Accessed: 11/16/2018

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|-----------|----------------|------|-----------------------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2010-2014 | White | 1 | Lung and bronchus | 935 | 36.3 | 43.4 | 69 | 7,304 | 293.1 | 240.0 | 7.8 |
| | | 2 | Colon and rectum | 254 | 9.9 | 11.8 | 68 | 2,482 | 99.6 | 86.5 | 9.8 |
| | | 3 | Pancreas | 242 | 9.4 | 11.0 | 68 | 2,150 | 86.3 | 71.5 | 8.9 |
| | AI/AN | 1 | Lung and bronchus | 244 | 39.5 | 66.0 | 70.5 | 1,890 | 314.1 | 381.0 | 7.7 |
| | | 2 | Colon and rectum | 137 | 22.2 | 35.1 | 66 | 1,457 | 242.2 | 282.3 | 10.6 |
| | | 3 | Stomach | 65 | 10.5 | 14.9 | 58 | 1,017 | 169.0 | 197.4 | 15.6 |
| | Asian/PI/Black | 1 | Lung and bronchus | 83 | 18.7 | 35.4 | 69 | 608 | 140.1 | 166.6 | 7.3 |
| | | 2 | Colon and rectum | 35 | 7.9 | 11.4 | 62 | 479 | 110.4 | 117.9 | 13.7 |
| | | 3 | Liver and intrahepatic bile ducts | 30 | 6.8 | 8.5 | 61.5 | 407 | 93.8 | 102.3 | 13.6 |

Data Accessed: 11/16/2018

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| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2009-2013 | White | 1 | Lung and bronchus | 960 | 37.5 | 46.9 | 69 | 7,542 | 304.4 | 258.7 | 7.9 |
| | | 2 | Colon and rectum | 244 | 9.5 | 11.6 | 67 | 2,443 | 98.6 | 85.7 | 10 |
| | | 3 | Pancreas | 232 | 9.1 | 10.9 | 67 | 2,133 | 86.1 | 72.4 | 9.2 |
| | AI/AN | 1 | Lung and bronchus | 253 | 41.5 | 70.6 | 70 | 2,041 | 343.6 | 420.1 | 8.1 |
| | | 2 | Colon and rectum | 134 | 22.0 | 35.0 | 66 | 1,501 | 252.7 | 297.5 | 11.2 |
| | | 3 | Stomach | 64 | 10.5 | 15.4 | 61 | 934 | 157.2 | 185.0 | 14.6 |
| | Asian/PI/Black | 1 | Lung and bronchus | 76 | 17.7 | 35.7 | 71.5 | 534 | 126.7 | 155.4 | 7 |
| | | 2 | Colon and rectum | 36 | 8.4 | 13.6 | 62.5 | 444 | 105.4 | 119.2 | 12.3 |
| | | 3 | Breast † | 27 | 12.6 | 16.9 | 58 | 385 | 185.1 | 202.1 | 14.3 |

Data Accessed: 11/16/2018
 Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:
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Alaska Facts & Figures

Alaska Resident Leading Causes of Cancer Deaths - Top Three by 5 Year Interval and Age Group (2009-2017)

| Years | Age Group | Rank | Cause of Cancer Death | Mortality | |
|-----------|-----------|-------------------|-----------------------|-----------|--------------------------------|
| | | | | Deaths | Age Specific Rate ¹ |
| 2013-2017 | 00-54 | 1 | Lung and bronchus | 90 | 3.2 |
| | | 2 | Colon and rectum | 81 | 2.9 |
| | | 3 | Breast † | 75 | 5.5 |
| | 55-64 | 1 | Lung and bronchus | 290 | 58.8 |
| | | 2 | Colon and rectum | 122 | 24.8 |
| | | 3 | Pancreas | 95 | 19.3 |
| | 65-74 | 1 | Lung and bronchus | 405 | 160.1 |
| | | 2 | Colon and rectum | 105 | 41.5 |
| | | 3 | Pancreas | 100 | 39.5 |
| | 75-84 | 1 | Lung and bronchus | 301 | 326.9 |
| | | 2 | Colon and rectum | 98 | 106.4 |
| | | 3 | Pancreas | 71 | 77.1 |
| 85+ | 1 | Lung and bronchus | 107 | 353.8 | |
| | 2 | Colon and rectum | 56 | 185.2 | |
| | 3 | Prostate †† | 52 | 462.3 | |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

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|-----------|-----------|-------------------|-----------------------|-----------|--------------------------------|
| | | | | Deaths | Age Specific Rate ¹ |
| 2012-2016 | 00-54 | 1 | Lung and bronchus | 93 | 3.3 |
| | | 2 | Colon and rectum | 85 | 3.0 |
| | | 3 | Breast † | 82 | 6.0 |
| | 55-64 | 1 | Lung and bronchus | 299 | 61.3 |
| | | 2 | Colon and rectum | 119 | 24.4 |
| | | 3 | Pancreas | 91 | 18.7 |
| | 65-74 | 1 | Lung and bronchus | 427 | 178.9 |
| | | 2 | Pancreas | 107 | 44.8 |
| | | 3 | Colon and rectum | 92 | 38.6 |
| | 75-84 | 1 | Lung and bronchus | 326 | 369.0 |
| | | 2 | Colon and rectum | 93 | 105.3 |
| | | 3 | Pancreas | 67 | 75.8 |
| 85+ | 1 | Lung and bronchus | 107 | 365.1 | |
| | 2 | Colon and rectum | 58 | 197.9 | |
| | 3 | Prostate †† | 44 | 408.4 | |

Data Accessed: 11/16/2018

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| Years | Age Group | Rank | Cause of Cancer Death | Mortality | |
|-----------|-----------|-------------------|-----------------------------------|-----------|--------------------------------|
| | | | | Deaths | Age Specific Rate ¹ |
| 2011-2015 | 00-54 | 1 | Lung and bronchus | 107 | 3.8 |
| | | 2 | Colon and rectum | 82 | 2.9 |
| | | 3 | Breast † | 72 | 5.3 |
| | 55-64 | 1 | Lung and bronchus | 326 | 68.0 |
| | | 2 | Colon and rectum | 112 | 23.4 |
| | | 3 | Liver and intrahepatic bile ducts | 92 | 19.2 |
| | 65-74 | 1 | Lung and bronchus | 432 | 193.7 |
| | | 2 | Pancreas | 103 | 46.2 |
| | | 3 | Colon and rectum | 94 | 42.1 |
| | 75-84 | 1 | Lung and bronchus | 322 | 379.2 |
| | | 2 | Colon and rectum | 89 | 104.8 |
| | | 3 | Pancreas | 64 | 75.4 |
| 85+ | 1 | Lung and bronchus | 104 | 369.7 | |
| | 2 | Colon and rectum | 54 | 192.0 | |
| | 3 | Prostate †† | 47 | 460.6 | |

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| Years | Age Group | Rank | Cause of Cancer Death | Mortality | |
|-----------|-----------|----------|-----------------------------------|-----------|--------------------------------|
| | | | | Deaths | Age Specific Rate ¹ |
| 2010-2014 | 00-54 | 1 | Lung and bronchus | 113 | 4.0 |
| | | 2 | Colon and rectum | 81 | 2.8 |
| | | 3 | Breast † | 69 | 5.0 |
| | 55-64 | 1 | Lung and bronchus | 310 | 66.5 |
| | | 2 | Colon and rectum | 111 | 23.8 |
| | | 3 | Liver and intrahepatic bile ducts | 91 | 19.5 |
| | 65-74 | 1 | Lung and bronchus | 411 | 197.7 |
| | | 2 | Colon and rectum | 100 | 48.1 |
| | | 3 | Pancreas | 93 | 44.7 |
| | 75-84 | 1 | Lung and bronchus | 337 | 412.8 |
| | | 2 | Colon and rectum | 89 | 109.0 |
| | | 3 | Pancreas | 60 | 73.5 |
| | 85+ | 1 | Lung and bronchus | 101 | 377.4 |
| | | 2 | Prostate †† | 48 | 499.8 |
| | | | Colon and rectum | 48 | 179.3 |
| 3 | | Breast † | 36 | 209.8 | |

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|-----------|-----------|------|-----------------------|-----------|--------------------------------|
| | | | | Deaths | Age Specific Rate ¹ |
| 2009-2013 | 00-54 | 1 | Lung and bronchus | 129 | 4.5 |
| | | 2 | Colon and rectum | 85 | 3.0 |
| | | 3 | Breast † | 60 | 4.4 |
| | 55-64 | 1 | Lung and bronchus | 303 | 67.4 |
| | | 2 | Colon and rectum | 103 | 22.9 |
| | | 3 | Breast † | 84 | 39.4 |
| | 65-74 | 1 | Lung and bronchus | 420 | 217.2 |
| | | 2 | Colon and rectum | 105 | 54.3 |
| | | 3 | Pancreas | 86 | 44.5 |
| | 75-84 | 1 | Lung and bronchus | 335 | 427.0 |
| | | 2 | Colon and rectum | 79 | 100.7 |
| | | 3 | Prostate †† | 60 | 166.0 |
| | 85+ | 1 | Lung and bronchus | 110 | 433.0 |
| | | 2 | Colon and rectum | 45 | 177.1 |
| | | 3 | Prostate †† | 44 | 487.4 |

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Alaska Facts & Figures

Alaska Resident Leading Causes of Cancer Deaths - Top Three by 5 Year Interval and Public Health Region (2009-2017)

| Years | Regional Area | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|------------------|-------------------|-------------------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2013-2017 | Anchorage Munic. | 1 | Lung and bronchus | 425 | 28.4 | 35.1 | 69 | 3,232 | 223.3 | 202.2 | 7.6 |
| | | 2 | Colon and rectum | 141 | 9.4 | 11.3 | 64 | 1,560 | 107.8 | 100.2 | 11.1 |
| | | 3 | Breast † | 122 | 16.5 | 17.6 | 65 | 1,561 | 219.0 | 212.8 | 12.8 |
| | Gulf Coast Region | 1 | Lung and bronchus | 179 | 44.3 | 39.9 | 69 | 1,361 | 351.8 | 233.5 | 7.6 |
| | | 2 | Pancreas | 56 | 13.9 | 12.6 | 65.5 | 578 | 149.4 | 114.1 | 10.3 |
| | | 3 | Colon and rectum | 54 | 13.4 | 13.0 | 68 | 497 | 128.5 | 105.4 | 9.2 |
| | Interior Region | 1 | Lung and bronchus | 171 | 30.2 | 38.7 | 70 | 1,147 | 208.9 | 181.0 | 6.7 |
| | | 2 | Colon and rectum | 69 | 12.2 | 15.5 | 68 | 618 | 112.6 | 103.1 | 9 |
| | | 3 | Pancreas | 47 | 8.3 | 9.2 | 62 | 530 | 96.5 | 83.2 | 11.3 |
| | Mat-Su Borough | 1 | Lung and bronchus | 195 | 38.9 | 47.0 | 69 | 1,581 | 326.4 | 278.9 | 8.1 |
| | | 2 | Colon and rectum | 55 | 11.0 | 12.9 | 68 | 516 | 106.5 | 94.3 | 9.4 |
| | | 3 | Pancreas | 53 | 10.6 | 13.7 | 70 | 392 | 80.9 | 72.5 | 7.4 |
| | Northern Region | 1 | Lung and bronchus | 48 | 34.7 | 56.1 | 67 | 428 | 315.5 | 329.6 | 8.9 |
| | | 2 | Colon and rectum | 36 | 26.0 | 45.2 | 63.5 | 414 | 305.2 | 307.6 | 11.5 |
| | | 3 | Stomach | 16 | 11.6* | 18.5* | 58.5 | 208 | 153.3* | 161.1* | 13 |
| Southeast Region | 1 | Lung and bronchus | 129 | 34.9 | 34.5 | 71 | 902 | 255.0 | 192.3 | 7 | |
| | 2 | Colon and rectum | 69 | 18.7 | 18.1 | 70 | 622 | 175.8 | 138.4 | 9 | |
| | 3 | Breast † | 39 | 21.6 | 18.0 | 64 | 458 | 266.3 | 216.8 | 11.7 | |

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Alaska Facts & Figures

Alaska Resident Leading Causes of Cancer Deaths - Top Three by 5 Year Interval and Public Health Region (2009-2017)

| Years | Regional Area | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|------------------|------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2013-2017 | Southwest Region | 1 | Lung and bronchus | 44 | 20.8 | 37.2 | 71 | 291 | 140.3 | 149.0 | 6.6 |
| | | 2 | Colon and rectum | 37 | 17.5 | 31.2 | 67 | 382 | 184.2 | 197.2 | 10.3 |
| | | 3 | Stomach | 25 | 11.8 | 17.6 | 60 | 375 | 180.8* | 189.8* | 15 |

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|------------------|-------------------|-------------------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2012-2016 | Anchorage Munic. | 1 | Lung and bronchus | 426 | 28.5 | 36.1 | 69 | 3,293 | 227.1 | 211.1 | 7.7 |
| | | 2 | Colon and rectum | 140 | 9.4 | 11.4 | 63 | 1,651 | 113.9 | 108.4 | 11.8 |
| | | 3 | Pancreas | 131 | 8.7 | 10.7 | 68 | 1,216 | 83.9 | 81.2 | 9.3 |
| | Gulf Coast Region | 1 | Lung and bronchus | 184 | 45.5 | 43.4 | 70 | 1,351 | 348.7 | 232.2 | 7.3 |
| | | 2 | Colon and rectum | 56 | 13.9 | 13.8 | 67 | 531 | 137.0 | 105.5 | 9.5 |
| | | 3 | Breast † | 53 | 27.5 | 24.5 | 66 | 556 | 301.6 | 238.1 | 10.5 |
| | Interior Region | 1 | Lung and bronchus | 184 | 32.3 | 44.5 | 71 | 1,188 | 214.8 | 196.4 | 6.5 |
| | | 2 | Colon and rectum | 62 | 10.9 | 13.8 | 69 | 580 | 104.9 | 92.7 | 9.4 |
| | | 3 | Pancreas | 48 | 8.4 | 9.4 | 61.5 | 548 | 99.1 | 85.5 | 11.4 |
| | Mat-Su Borough | 1 | Lung and bronchus | 206 | 42.0 | 51.6 | 69 | 1,694 | 356.8 | 308.3 | 8.2 |
| | | 2 | Colon and rectum | 52 | 10.6 | 12.8 | 69 | 501 | 105.5 | 94.3 | 9.6 |
| | | 3 | Pancreas | 51 | 10.4 | 13.2 | 70 | 399 | 84.0 | 74.9 | 7.8 |
| | Northern Region | 1 | Lung and bronchus | 61 | 44.2 | 78.7 | 69 | 456 | 337.2 | 363.1 | 7.5 |
| | | 2 | Colon and rectum | 36 | 26.1 | 43.4 | 62.5 | 459 | 339.4 | 355.1 | 12.8 |
| | | 3 | Stomach | 19 | 13.8* | 21.1* | 55 | 268 | 198.2* | 202.9* | 14.1 |
| Southeast Region | 1 | Lung and bronchus | 147 | 39.6 | 40.8 | 71 | 963 | 270.8 | 204.1 | 6.6 | |
| | 2 | Colon and rectum | 68 | 18.3 | 19.4 | 72 | 468 | 131.6 | 100.0 | 6.9 | |
| | 3 | Breast † | 38 | 21.0 | 17.9 | 63.5 | 443 | 256.7 | 199.8 | 11.7 | |
| | | Pancreas | 38 | 10.2 | 10.0 | 69.5 | 308 | 86.6 | 63.1 | 8.1 | |

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| Years | Regional Area | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|------------------|------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2012-2016 | Southwest Region | 1 | Lung and bronchus | 43 | 20.3 | 37.4 | 72 | 274 | 132.4 | 138.0 | 6.4 |
| | | 2 | Colon and rectum | 31 | 14.7 | 26.3 | 66 | 384 | 185.6 | 199.2 | 12.4 |
| | | 3 | Stomach | 26 | 12.3 | 18.3 | 59 | 409 | 197.7 | 214.7 | 15.7 |

Data Accessed: 11/16/2018

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|------------------|-------------------|-------------------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2011-2015 | Anchorage Munic. | 1 | Lung and bronchus | 457 | 30.6 | 39.9 | 69 | 3,668 | 253.2 | 237.6 | 8 |
| | | 2 | Colon and rectum | 133 | 8.9 | 11.0 | 63 | 1,577 | 108.9 | 105.3 | 11.9 |
| | | 3 | Breast † | 128 | 17.3 | 19.7 | 64 | 1,597 | 224.5 | 218.9 | 12.5 |
| | Gulf Coast Region | 1 | Lung and bronchus | 191 | 47.4 | 45.5 | 69 | 1,423 | 367.5 | 250.4 | 7.5 |
| | | 2 | Colon and rectum | 56 | 13.9 | 13.7 | 65 | 566 | 146.2 | 109.5 | 10.1 |
| | | 3 | Breast † | 52 | 27.0 | 25.2 | 67 | 555 | 301.8 | 244.4 | 10.7 |
| | Interior Region | 1 | Lung and bronchus | 186 | 32.7 | 46.9 | 70 | 1,310 | 236.7 | 226.1 | 7 |
| | | 2 | Colon and rectum | 63 | 11.1 | 15.0 | 70 | 532 | 96.1 | 90.3 | 8.4 |
| | | 3 | Pancreas | 54 | 9.5 | 11.5 | 64.5 | 603 | 108.9 | 102.3 | 11.2 |
| | Mat-Su Borough | 1 | Lung and bronchus | 194 | 40.5 | 48.5 | 68 | 1,748 | 376.2 | 326.7 | 9 |
| | | 2 | Colon and rectum | 48 | 10.0 | 13.3 | 70.5 | 457 | 98.3 | 89.0 | 9.5 |
| | | 3 | Pancreas | 43 | 9.0 | 11.3 | 68 | 343 | 73.8 | 65.4 | 8 |
| | Northern Region | 1 | Lung and bronchus | 62 | 45.2 | 85.4 | 70.5 | 429 | 319.2 | 342.2 | 6.9 |
| | | 2 | Colon and rectum | 36 | 26.3 | 44.2 | 66 | 384 | 285.7 | 296.6 | 10.7 |
| | | 3 | Stomach | 19 | 13.9* | 20.9* | 55 | 289 | 215.0* | 213.6* | 15.2 |
| Southeast Region | 1 | Lung and bronchus | 162 | 43.7 | 45.8 | 71 | 1,202 | 337.8 | 260.2 | 7.4 | |
| | 2 | Colon and rectum | 59 | 15.9 | 17.9 | 75 | 398 | 111.8 | 87.9 | 6.7 | |
| | 3 | Pancreas | 42 | 11.3 | 11.9 | 72 | 291 | 81.8 | 58.7 | 6.9 | |

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|-----------|------------------|------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2011-2015 | Southwest Region | 1 | Lung and bronchus | 38 | 18.1 | 34.9 | 71.5 | 220 | 106.7 | 116.8 | 5.8 |
| | | 2 | Colon and rectum | 34 | 16.2 | 26.8 | 64.5 | 439 | 213.0 | 226.3 | 12.9 |
| | | 3 | Stomach | 24 | 11.4 | 17.5 | 59 | 362 | 175.6* | 191.3* | 15.1 |

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|------------------|-------------------|-------------------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2010-2014 | Anchorage Munic. | 1 | Lung and bronchus | 447 | 30.1 | 40.9 | 69 | 3,579 | 247.9 | 235.8 | 8 |
| | | 2 | Breast † | 134 | 18.3 | 21.5 | 64 | 1,643 | 232.0 | 223.9 | 12.3 |
| | | 3 | Colon and rectum | 127 | 8.5 | 10.9 | 63 | 1,537 | 106.5 | 104.8 | 12.1 |
| | Gulf Coast Region | 1 | Lung and bronchus | 191 | 47.7 | 48.6 | 69 | 1,532 | 397.4 | 294.8 | 8 |
| | | 2 | Colon and rectum | 58 | 14.5 | 15.2 | 69 | 502 | 130.2 | 92.3 | 8.7 |
| | | 3 | Breast † | 50 | 26.2 | 23.6 | 62.5 | 592 | 323.6 | 255.9 | 11.8 |
| | Interior Region | 1 | Lung and bronchus | 178 | 31.3 | 47.7 | 70.5 | 1,253 | 226.5 | 222.0 | 7 |
| | | 2 | Colon and rectum | 60 | 10.6 | 14.6 | 69.5 | 552 | 99.8 | 98.0 | 9.2 |
| | | 3 | Pancreas | 51 | 9.0 | 10.7 | 63 | 598 | 108.1 | 101.6 | 11.7 |
| | Mat-Su Borough | 1 | Lung and bronchus | 187 | 39.9 | 51.3 | 68 | 1,615 | 355.3 | 318.7 | 8.6 |
| | | 2 | Colon and rectum | 52 | 11.1 | 15.1 | 69.5 | 489 | 107.6 | 94.7 | 9.4 |
| | | 3 | Breast † | 41 | 18.1 | 20.5 | 69 | 358 | 163.2 | 150.1 | 8.7 |
| | Northern Region | 1 | Lung and bronchus | 65 | 47.9 | 92.7 | 71 | 437 | 328.5 | 364.2 | 6.7 |
| | | 2 | Colon and rectum | 37 | 27.3 | 47.4 | 67 | 414 | 311.2 | 329.5 | 11.2 |
| | | 3 | Stomach | 19 | 14.0* | 17.6* | 53 | 338 | 254.1* | 248.4* | 17.8 |
| Southeast Region | 1 | Lung and bronchus | 153 | 41.6 | 45.0 | 70 | 1,166 | 329.6 | 265.1 | 7.6 | |
| | 2 | Colon and rectum | 56 | 15.2 | 16.8 | 72 | 434 | 122.7 | 103.9 | 7.8 | |
| | 3 | Pancreas | 41 | 11.1 | 12.7 | 73 | 255 | 72.1 | 57.1 | 6.2 | |

Data Accessed: 11/16/2018
 Source: Alaska Division of Public Health, Vital Statistics, Mortality.

Footnotes:
 1. Events per 100,000 population.
 2. Events per 100,000 population, age adjusted to year 2000 standard population.
 3. Years per 100,000 population under 75 years old.
 4. Years per 100,000 population under 75 years old, age adjusted to year 2000 standard population.

† Female only.

†† Male only.

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Alaska Facts & Figures

Alaska Resident Leading Causes of Cancer Deaths - Top Three by 5 Year Interval and Public Health Region (2009-2017)

| Years | Regional Area | Rank | Cause of Cancer Death | Deaths | Mortality | | | Years of Potential Life Lost (Age <75) | | | |
|-----------|------------------|------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2010-2014 | Southwest Region | 1 | Lung and bronchus | 48 | 23.0 | 45.6 | 73 | 287 | 140.5 | 146.8 | 6 |
| | | 2 | Colon and rectum | 38 | 18.2 | 27.1 | 61.5 | 510 | 249.6 | 261.4 | 13.4 |
| | | 3 | Stomach | 21 | 10.1 | 15.9 | 58 | 327 | 160.1* | 171.1* | 15.6 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

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|-----------|-------------------|------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2009-2013 | Anchorage Munic. | 1 | Lung and bronchus | 473 | 32.0 | 45.5 | 69 | 3,797 | 264.7 | 257.8 | 8 |
| | | 2 | Breast † | 137 | 18.8 | 22.6 | 65 | 1,602 | 227.8 | 222.6 | 11.7 |
| | | 3 | Colon and rectum | 134 | 9.1 | 12.1 | 65 | 1,584 | 110.4 | 108.8 | 11.8 |
| | Gulf Coast Region | 1 | Lung and bronchus | 193 | 48.5 | 51.9 | 69 | 1,533 | 400.2 | 320.8 | 7.9 |
| | | 2 | Colon and rectum | 57 | 14.3 | 15.3 | 68 | 529 | 138.1 | 105.3 | 9.3 |
| | | 3 | Breast † | 53 | 28.0 | 27.3 | 65 | 591 | 325.5 | 281.5 | 11.2 |
| | Interior Region | 1 | Lung and bronchus | 180 | 31.8 | 50.8 | 71 | 1,287 | 233.4 | 235.8 | 7.2 |
| | | 2 | Colon and rectum | 53 | 9.4 | 13.6 | 68 | 496 | 89.9 | 92.3 | 9.4 |
| | | 3 | Pancreas | 44 | 7.8 | 9.9 | 66 | 473 | 85.8 | 82.2 | 10.8 |
| | Mat-Su Borough | 1 | Lung and bronchus | 184 | 40.3 | 53.4 | 68 | 1,604 | 361.9 | 336.1 | 8.7 |
| | | 2 | Colon and rectum | 45 | 9.9 | 12.4 | 64 | 459 | 103.6 | 89.5 | 10.2 |
| | | 3 | Pancreas | 41 | 9.0 | 11.0 | 65 | 423 | 95.4 | 84.9 | 10.3 |
| | Northern Region | 1 | Lung and bronchus | 61 | 46.3 | 89.9 | 72 | 421 | 325.7 | 362.3 | 6.9 |
| | | 2 | Colon and rectum | 36 | 27.3 | 50.3 | 68 | 384 | 297.1 | 325.3 | 10.7 |
| | | 3 | Stomach | 22 | 16.7 | 23.6 | 62 | 314 | 243.0* | 252.6* | 14.3 |
| | Southeast Region | 1 | Lung and bronchus | 145 | 39.7 | 44.0 | 70 | 1,146 | 326.5 | 263.7 | 7.9 |
| | | 2 | Colon and rectum | 52 | 14.3 | 15.9 | 71 | 435 | 123.9 | 105.4 | 8.4 |
| | | 3 | Pancreas | 39 | 10.7 | 11.8 | 70 | 279 | 79.5 | 62.1 | 7.2 |

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|-----------|------------------|------|-----------------------|--------|-------------------------|--------------------------------|---------------------|--|------------------------------|-------------------------------------|--------------|
| | | | | | Crude Rate ¹ | Age Adjusted Rate ² | Median Age of Death | YPLL | Crude YPLL Rate ³ | Age Adjusted YPLL Rate ⁴ | Average YPLL |
| 2009-2013 | Southwest Region | 1 | Lung and bronchus | 59 | 28.8 | 56.3 | 71 | 391 | 194.5 | 202.9 | 6.6 |
| | | 2 | Colon and rectum | 40 | 19.5 | 29.6 | 62 | 521 | 259.2 | 278.7 | 13 |
| | | 3 | Stomach | 22 | 10.7 | 17.6 | 59 | 327 | 162.7* | 172.2* | 14.9 |

Data Accessed: 11/16/2018

Source: Alaska Division of Public Health, Vital Statistics, Mortality.

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