



# Health Analytics and Vital Records

Division of Public Health  
 Department of Health and Social Services  
 E-mail: HealthAnalytics@alaska.gov



## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Ten by Year (2012-2016)

Year	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
				Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2016	1	Bronchus and lung	226	30.5	37.0	71	1,408	197.1	162.4	6.2
	2	Colon and rectum	89	12.0	14.1	68	941	131.7	116.6	10.6
	3	Pancreas	79	10.7	11.6	68	812	113.6	102.9	10.3
	4	Breast <sup>5</sup>	66	18.5	18.9	65	876	254.8	246.2	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 <sup>6</sup>	42	11.0	17.8	79	99	26.7*	23.1*	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	

Footnotes

1. Occurrences per 100,000 population.
  2. Occurrences per 100,000 population, times year 2000 standard population ratio.
  3. Years per 100,000 population under 75.
  4. Years per 100,000 population under 75, times year 2000 standard population ratio.
  5. Female only.
  6. Male only.
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2015	1	Bronchus and lung	257	34.9	40.0	70	2,007	281.5	238.2	7.8
	2	Colon and rectum	83	11.3	13.8	66	810	113.6	104.6	9.8
	3	Pancreas	64	8.7	9.9	68	504	70.7	57.2	7.9
	4	Breast <sup>5</sup>	59	16.6	16.9	63	710	207.6	186.2	12
	5	Non-Hodgkin lymphoma	38	5.2	6.3	73.5	291	40.8	32.1	7.7
	6	Prostate <sup>6</sup>	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	30	4.1	4.4	60	438	61.4	58.1	14.6
	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	

Footnotes

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2014	1	Bronchus and lung	237	32.2	39.1	69	1,870	262.2	225.1	7.9
	2	Colon and rectum	88	11.9	15.1	70.5	819	114.8	103.7	9.3
	3	Breast <sup>5</sup>	73	20.5	23.0	65	830	242.5	226.5	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 <sup>6</sup>	53	13.9	22.5	74	274	73.9	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

Footnotes

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2013	1	Bronchus and lung	271	36.8	45.7	69	2,195	307.8	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 <sup>5</sup>	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 <sup>6</sup>	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	39.5*	38.3*	10.1
		Kidney and renal pelvis	28	3.8	5.3	74	155	21.7*	18.2*	5.5

Footnotes

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2012	1	Bronchus and lung	259	35.4	48.8	71	1,728	243.6	229.1	6.7
	2	Colon and rectum	86	11.8	15.0	66.5	928	130.8	123.0	10.8
	3	Pancreas	63	8.6	11.1	70	488	68.8	60.1	7.7
	4	Breast <sup>5</sup>	58	16.5	17.3	61.5	769	226.2	211.0	13.3
	5	Prostate <sup>6</sup>	36	9.5	17.5	78	150	40.6*	38.2*	4.2
	6	Leukemia	34	4.6	6.3	65	418	58.9*	53.7*	12.3
	7	Liver and intrahepatic bile ducts	33	4.5	4.3	61	417	58.8	49.3	12.6
	8	Stomach	27	3.7	4.3	63	430	60.6	59.7	15.9
		Brain and other nervous system	27	3.7	4.4	64	317	44.7	41.4	11.7
	9	Esophagus	26	3.6	3.7	65	299	42.1	37.5	11.5
	Non-Hodgkin lymphoma	26	3.6	5.1	73	111	15.6*	14.8*	4.3	
10	Multiple myeloma and immunoproliferative	22	3.0	4.1	71.5	140	19.7*	17.9*	6.4	

Footnotes

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### Alaska Resident Leading Causes of Cancer - Top Ten by 5 Year Rolling Average and Sex (2008-2016)

Years	Sex	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2012-2016	Female	1	Bronchus and lung	555	31.3	36.4	70	4,013	234.6	204.8	7.2
		2	Breast <sup>5</sup>	317	17.8	19.0	63	3,957	231.3	217.9	12.5
		3	Colon and rectum	208	11.7	13.4	68	2,183	127.6	117.6	10.5
		4	Pancreas	173	9.7	10.9	68	1,554	90.8	79.2	9
		5	Ovary <sup>5</sup>	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 <sup>5</sup>	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
2012-2016	Male	1	Bronchus and lung	695	36.5	48.2	70	5,195	280.4	242.4	7.5
		2	Colon and rectum	237	12.4	16.4	67	2,390	129.0	116.6	10.1
		3	Prostate <sup>6</sup>	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	94	4.9	5.8	59.5	1,381	74.6	71.2	14.7
		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 <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2011-2015	Female	1	Bronchus and lung	573	32.5	38.8	70	4,251	249.7	224.7	7.4
		2	Breast <sup>5</sup>	308	17.4	19.1	64	3,669	215.5	202.1	11.9
		3	Colon and rectum	196	11.1	13.1	67.5	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 <sup>5</sup>	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	57.9	17.6
		8	Corpus uteri and uterus <sup>5</sup>	57	3.2	3.5	66	621	36.5	32.0	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	
	Male	1	Bronchus and lung	717	37.8	50.6	69	5,748	311.0	270.5	8
		2	Colon and rectum	234	12.3	16.7	67	2,372	128.3	117.0	10.1
		3	Prostate <sup>6</sup>	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	57.6	12.1
		9	Stomach	89	4.7	5.5	58	1,373	74.3	70.6	15.4
		10	Brain and other nervous system	82	4.3	5.0	60	1,367	74.0	72.2	16.7

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2010-2014	Female	1	Bronchus and lung	574	32.8	40.9	69	4,389	259.7	238.5	7.6
		2	Breast <sup>5</sup>	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 <sup>5</sup>	96	5.5	6.2	62.5	1,235	73.1	67.7	12.9
		6	Corpus uteri and uterus <sup>5</sup>	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	60.9	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	30.9	29.9	12.2	
	10	Kidney and renal pelvis	40	2.3	2.8	69.5	296	17.5	15.8	7.4	
	Male	1	Bronchus and lung	697	37.0	52.6	69	5,498	299.0	267.4	7.9
		2	Colon and rectum	240	12.7	17.6	67	2,337	127.1	114.0	9.7
		3	Prostate <sup>6</sup>	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	109.0	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	

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2009-2013	Female	1	Bronchus and lung	583	33.7	43.2	70	4,578	273.6	260.0	7.9
		2	Breast <sup>5</sup>	307	17.7	20.9	66	3,372	201.5	191.1	11
		3	Colon and rectum	181	10.4	13.0	67	1,950	116.5	112.0	10.8
		4	Pancreas	132	7.6	9.3	67.5	1,217	72.7	67.3	9.2
		5	Ovary <sup>5</sup>	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 <sup>5</sup>	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
	Male	1	Bronchus and lung	713	38.2	57.3	70	5,620	308.7	282.9	7.9
		2	Colon and rectum	237	12.7	17.3	65.5	2,479	136.2	124.9	10.5
		3	Prostate <sup>6</sup>	195	10.5	20.0	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	85.0	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	46.6	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

Footnotes

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# Health Analytics and Vital Records

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Ten by 5 Year Rolling Average and Sex (2008-2016)

Years	Sex	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2008-2012	Female	1	Bronchus and lung	564	33.0	43.8	70	4,467	270.5	258.9	7.9
		2	Breast <sup>5</sup>	293	17.2	20.8	66	3,249	196.7	188.4	11.1
		3	Colon and rectum	175	10.2	13.5	70	1,777	107.6	103.8	10.2
		4	Pancreas	122	7.1	9.2	68.5	964	58.4	54.2	7.9
		5	Ovary <sup>5</sup>	93	5.4	6.6	66	1,079	65.3	61.1	11.6
		6	Brain and other nervous system	57	3.3	3.5	60	1,039	62.9	60.8	18.2
			Non-Hodgkin lymphoma	57	3.3	4.9	75	308	18.7	18.6	5.4
		7	Leukemia	48	2.8	4.0	74.5	379	22.9	22.3	7.9
			Liver and intrahepatic bile ducts	48	2.8	3.3	65	534	32.3	30.3	11.1
		8	Stomach	42	2.5	3.1	65.5	556	33.7	33.1	13.2
	9	Corpus uteri and uterus <sup>5</sup>	39	2.3	2.9	67	319	19.3	17.0	8.2	
		Kidney and renal pelvis	39	2.3	2.9	71	327	19.8	17.3	8.4	
	10	Cervix uteri <sup>5</sup>	35	2.0	2.0	58	714	43.2	42.4	20.4	
	Male	1	Bronchus and lung	717	38.9	59.9	69	5,784	321.7	301.8	8.1
		2	Colon and rectum	221	12.0	17.4	67	2,239	124.5	117.7	10.1
		3	Prostate <sup>6</sup>	193	10.5	21.2	76	794	44.2	43.7	4.1
		4	Pancreas	169	9.2	13.3	67	1,616	89.9	82.4	9.6
		5	Liver and intrahepatic bile ducts	128	7.0	8.0	61	1,630	90.7	77.7	12.7
		6	Leukemia	109	5.9	9.5	69	1,486	82.6	79.8	13.6
		7	Esophagus	95	5.2	7.1	66	910	50.6	48.6	9.6
8		Non-Hodgkin lymphoma	90	4.9	7.7	68.5	944	52.5	52.7	10.5	

Footnotes

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**Alaska Facts & Figures**

**Alaska Resident Leading Causes of Cancer - Top Ten by 5 Year Rolling Average and Sex (2008-2016)**

Years	Sex	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2008-2012	Male	9	Brain and other nervous system	84	4.6	6.2	62.5	1,372	76.3	76.3	16.3
		10	Kidney and renal pelvis	75	4.1	5.9	66	775	43.1	40.5	10.3

Footnotes

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Race (2008-2016)

Years	Race	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2012-2016	White	1	Bronchus and lung	924	35.8	39.8	70	6,678	267.8	208.2	7.2
		2	Pancreas	266	10.3	10.9	68	2,456	98.5	79.0	9.2
			Colon and rectum	266	10.3	11.5	69	2,469	99.0	83.6	9.3
		3	Breast <sup>5</sup>	232	18.8	18.5	64	2,772	234.5	203.5	11.9
	AI/AN	1	Bronchus and lung	238	37.9	62.0	70	1,803	294.3	348.8	7.6
		2	Colon and rectum	140	22.3	36.4	67	1,526	249.1	282.2	10.9
		3	Stomach	73	11.6	16.1	58	1,124	183.5	214.5	15.4
	Asian/PI/Black	1	Bronchus and lung	80	17.1	28.3	68.5	659	144.1	164.6	8.2
		2	Colon and rectum	36	7.7	10.2	62	504	110.2	115.6	14
3		Liver and intrahepatic bile ducts	28	6.0	7.3	62	382	83.6	91.2	13.6	

Footnotes

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**Alaska Facts & Figures**

**Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Race (2008-2016)**

Years	Race	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2011-2015	White	1	Bronchus and lung	956	37.0	41.9	69	7,443	298.1	236.6	7.8
		2	Pancreas	260	10.1	11.3	68	2,291	91.7	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	Bronchus and lung	237	38.0	63.8	70	1,770	291.3	351.8	7.5
		2	Colon and rectum	141	22.6	37.4	69	1,405	231.2	267.2	10
		3	Stomach	68	10.9	15.5	58	1,046	172.1	202.8	15.4
	Asian/PI/Black	1	Bronchus and lung	89	19.5	34.3	69	718	160.9	186.3	8.1
		2	Colon and rectum	35	7.7	10.2	62	490	109.8	115.7	14
		3	Liver and intrahepatic bile ducts	29	6.4	7.7	61	426	95.5	103.8	14.7

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Race (2008-2016)

Years	Race	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2010-2014	White	1	Bronchus and lung	935	36.3	43.4	69	7,304	293.0	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	86.2	71.4	8.9
	AI/AN	1	Bronchus and lung	243	39.4	67.3	71	1,871	311.0	378.9	7.7
		2	Colon and rectum	137	22.2	35.8	66	1,457	242.2	282.6	10.6
		3	Stomach	65	10.5	15.1	58	1,017	169.1	197.4	15.6
	Asian/PI/Black	1	Bronchus and lung	83	18.7	34.8	69	608	140.1	165.8	7.3
		2	Colon and rectum	35	7.9	11.3	62	479	110.4	117.9	13.7
		3	Liver and intrahepatic bile ducts	30	6.8	8.5	61.5	407	93.8	102.2	13.6

Footnotes

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Race (2008-2016)

Years	Race	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2009-2013	White	1	Bronchus and lung	960	37.5	46.8	69	7,542	304.3	258.6	7.9
		2	Colon and rectum	244	9.5	11.5	67	2,443	98.6	85.6	10
		3	Pancreas	232	9.1	10.9	67	2,133	86.0	72.4	9.2
	AI/AN	1	Bronchus and lung	253	41.6	71.9	70	2,041	343.7	421.4	8.1
		2	Colon and rectum	134	22.0	35.6	66	1,501	252.7	297.9	11.2
		3	Stomach	64	10.5	15.6	61	934	157.3	185.2	14.6
	Asian/PI/Black	1	Bronchus and lung	76	17.7	35.2	71.5	534	126.7	154.7	7
		2	Colon and rectum	36	8.4	13.5	62.5	444	105.4	119.1	12.3
		3	Breast <sup>5</sup>	27	12.6	16.8	58	385	185.0	201.8	14.3

Footnotes

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**Alaska Facts & Figures**

**Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Race (2008-2016)**

Years	Race	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2008-2012	White	1	Bronchus and lung	954	37.7	48.7	69	7,713	313.9	271.8	8.1
		2	Colon and rectum	239	9.4	12.0	68	2,362	96.1	84.6	9.9
		3	Pancreas	225	8.9	11.5	69	1,807	73.5	62.5	8
	AI/AN	1	Bronchus and lung	253	42.2	73.3	70	1,998	341.2	424.8	7.9
		2	Colon and rectum	119	19.8	34.1	68	1,215	207.5	252.0	10.2
		3	Breast <sup>5</sup>	57	19.2	27.4	63	704	243.6	277.5	12.4
	Asian/PI/Black	1	Bronchus and lung	67	16.1	33.8	71	460	113.0	141.5	6.9
		2	Colon and rectum	35	8.4	14.4	62	434	106.6	124.6	12.4
		3	Liver and intrahepatic bile ducts	27	6.5	9.6	61	330	81.1	90.1	12.2

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Age Group (2008-2016)

Years	Age Group	Rank	Cause of Cancer Death	Mortality	
				Deaths	Age Specific Rate <sup>1</sup>
2012-2016	00-54	1	Bronchus and lung	93	3.3
		2	Colon and rectum	84	3.0
		3	Breast <sup>5</sup>	82	6.0
	55-64	1	Bronchus and lung	298	61.1
		2	Colon and rectum	119	24.4
		3	Pancreas	91	18.7
	65-74	1	Bronchus and lung	426	178.5
		2	Pancreas	107	44.8
		3	Colon and rectum	92	38.5
	75-84	1	Bronchus and lung	326	369.0
		2	Colon and rectum	92	104.1
		3	Pancreas	67	75.8
	85+	1	Bronchus and lung	107	365.1
		2	Colon and rectum	58	197.9
		3	Prostate <sup>6</sup>	44	408.4

Footnotes

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Years	Age Group	Rank	Cause of Cancer Death	Mortality	
				Deaths	Age Specific Rate <sup>1</sup>
2011-2015	00-54	1	Bronchus and lung	107	3.8
		2	Colon and rectum	82	2.9
		3	Breast <sup>5</sup>	72	5.3
	55-64	1	Bronchus and lung	325	67.8
		2	Colon and rectum	112	23.4
		3	Liver and intrahepatic bile ducts	92	19.2
	65-74	1	Bronchus and lung	432	193.7
		2	Pancreas	103	46.2
		3	Colon and rectum	94	42.1
	75-84	1	Bronchus and lung	322	379.1
		2	Colon and rectum	88	103.6
		3	Pancreas	64	75.4
	85+	1	Bronchus and lung	104	369.7
		2	Colon and rectum	54	191.9
		3	Prostate <sup>6</sup>	47	460.5

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Years	Age Group	Rank	Cause of Cancer Death	Mortality	
				Deaths	Age Specific Rate <sup>1</sup>
2010-2014	00-54	1	Bronchus and lung	113	4.0
		2	Colon and rectum	81	2.8
		3	Breast <sup>5</sup>	69	5.0
	55-64	1	Bronchus and lung	309	66.2
		2	Colon and rectum	111	23.8
		3	Liver and intrahepatic bile ducts	91	19.5
	65-74	1	Bronchus and lung	411	197.7
		2	Colon and rectum	100	48.1
		3	Pancreas	93	44.7
	75-84	1	Bronchus and lung	337	412.7
		2	Colon and rectum	89	109.0
		3	Pancreas	60	73.5
85+	1	Bronchus and lung	101	377.3	
	2	Prostate <sup>6</sup>	48	499.7	
		Colon and rectum	48	179.3	
	3	Breast <sup>5</sup>	36	209.7	

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Years	Age Group	Rank	Cause of Cancer Death	Mortality	
				Deaths	Age Specific Rate <sup>1</sup>
2009-2013	00-54	1	Bronchus and lung	129	4.5
		2	Colon and rectum	85	3.0
		3	Breast <sup>5</sup>	60	4.4
	55-64	1	Bronchus and lung	303	67.4
		2	Colon and rectum	103	22.9
		3	Breast <sup>5</sup>	84	39.4
	65-74	1	Bronchus and lung	420	217.2
		2	Colon and rectum	105	54.3
		3	Pancreas	86	44.5
	75-84	1	Bronchus and lung	335	426.9
		2	Colon and rectum	79	100.7
		3	Prostate <sup>6</sup>	60	166.0
85+	1	Bronchus and lung	110	432.9	
	2	Colon and rectum	45	177.1	
	3	Prostate <sup>6</sup>	44	487.3	

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Years	Age Group	Rank	Cause of Cancer Death	Mortality	
				Deaths	Age Specific Rate <sup>1</sup>
2008-2012	00-54	1	Bronchus and lung	129	4.5
		2	Colon and rectum	77	2.7
		3	Breast <sup>5</sup>	59	4.3
	55-64	1	Bronchus and lung	310	72.1
		2	Colon and rectum	89	20.7
		3	Breast <sup>5</sup>	80	39.5
	65-74	1	Bronchus and lung	407	227.0
		2	Colon and rectum	98	54.6
		3	Pancreas	85	47.4
	75-84	1	Bronchus and lung	335	444.3
		2	Colon and rectum	91	120.7
		3	Prostate <sup>6</sup>	64	185.8
	85+	1	Bronchus and lung	101	419.5
		2	Prostate <sup>6</sup>	42	494.1
		3	Colon and rectum	40	166.1

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Public Health Region (2008-2016)

Years	Public Health Region	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2012-2016	Anchorage	1	Bronchus and lung	426	28.5	36.1	69	3,293	227.1	211.1	7.7
		2	Colon and rectum	140	9.3	11.4	63	1,651	113.8	108.4	11.8
		3	Pancreas	131	8.7	10.7	68	1,216	83.8	81.2	9.3
	Gulf Coast Region	1	Bronchus and lung	184	45.5	43.3	70	1,351	348.6	232.1	7.3
		2	Colon and rectum	56	13.9	13.8	67	531	137.0	105.5	9.5
		3	Breast <sup>5</sup>	53	27.5	24.5	66	556	301.6	238.1	10.5
	Interior Region	1	Bronchus and lung	187	32.9	45.1	71	1,224	221.3	201.0	6.5
		2	Colon and rectum	63	11.1	13.9	68	598	108.1	95.1	9.5
		3	Pancreas	48	8.4	9.4	61.5	548	99.1	85.6	11.4
	Mat-Su	1	Bronchus and lung	206	42.0	51.6	69	1,694	356.7	308.2	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	Bronchus and lung	56	40.6	73.8	70.5	391	289.0	318.3	7
		2	Colon and rectum	34	24.6	40.7	62.5	441	326.0	344.4	13
		3	Stomach	16	11.6*	18.0*	55	234	173.0*	172.8*	14.6
	Southeast Region	1	Bronchus and lung	147	39.6	40.8	71	963	271.0	204.2	6.6
		2	Colon and rectum	68	18.3	19.4	72	468	131.7	100.1	6.9
		3	Breast <sup>5</sup>	38	21.0	17.9	63.5	443	256.9	199.9	11.7
			Pancreas	38	10.2	10.0	69.5	308	86.7	63.1	8.1
	Southwest Region	1	Bronchus and lung	43	20.4	37.4	72	274	132.4	138.0	6.4
		2	Colon and rectum	30	14.2	25.9	66.5	362	175.0*	188.4*	12.1
		3	Stomach	24	11.4	16.4	58	405	195.8*	211.8*	16.9

Footnotes

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## Alaska Facts & Figures

### Alaska Resident Leading Causes of Cancer - Top Three by 5 Year Rolling Average and Public Health Region (2008-2016)

Years	Public Health Region	Rank	Cause of Cancer Death	Deaths	Mortality			Years of Potential Life Lost (Age <75)			
					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2011-2015	Anchorage	1	Bronchus and lung	457	30.6	39.9	69	3,668	253.1	237.6	8
		2	Colon and rectum	133	8.9	11.0	63	1,577	108.8	105.3	11.9
		3	Breast <sup>5</sup>	128	17.3	19.7	64	1,597	224.5	218.8	12.5
	Gulf Coast Region	1	Bronchus and lung	191	47.4	45.5	69	1,423	367.4	250.3	7.5
		2	Colon and rectum	56	13.9	13.7	65	566	146.1	109.5	10.1
		3	Breast <sup>5</sup>	52	27.0	25.2	67	555	301.7	244.4	10.7
	Interior Region	1	Bronchus and lung	189	33.2	47.5	70	1,346	243.2	230.8	7.1
		2	Colon and rectum	64	11.3	15.2	69.5	550	99.4	92.6	8.6
		3	Pancreas	54	9.5	11.5	64.5	603	109.0	102.4	11.2
	Mat-Su	1	Bronchus and lung	194	40.5	48.5	68	1,748	376.0	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	Bronchus and lung	58	42.3	81.6	71	374	278.2	309.5	6.4
		2	Colon and rectum	34	24.8	41.5	66	366	272.2	285.8	10.8
		3	Stomach	16	11.7*	17.7*	54.5	255	189.7*	183.7*	15.9
	Southeast Region	1	Bronchus and lung	162	43.7	45.8	71	1,202	337.8	260.3	7.4
		2	Colon and rectum	59	15.9	17.9	75	398	111.9	87.9	6.7
		3	Pancreas	42	11.3	11.9	72	291	81.8	58.7	6.9
	Southwest Region	1	Bronchus and lung	38	18.1	35.0	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	22	10.5	15.5	58	358	173.7*	188.2*	16.3

Footnotes

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Years	Public Health Region	Rank	Cause of Cancer Death	Mortality			Years of Potential Life Lost (Age <75)				
				Deaths	Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2010-2014	Anchorage	1	Bronchus and lung	447	30.1	40.9	69	3,579	247.9	235.7	8
		2	Breast <sup>5</sup>	134	18.3	21.5	64	1,643	231.9	223.8	12.3
		3	Colon and rectum	127	8.5	10.9	63	1,537	106.4	104.7	12.1
	Gulf Coast Region	1	Bronchus and lung	191	47.6	48.6	69	1,532	397.3	294.8	8
		2	Colon and rectum	58	14.5	15.2	69	502	130.2	92.3	8.7
		3	Breast <sup>5</sup>	50	26.2	23.6	62.5	592	323.5	255.8	11.8
	Interior Region	1	Bronchus and lung	180	31.7	48.3	70.5	1,272	229.9	224.5	7.1
		2	Colon and rectum	61	10.7	14.8	69	570	103.0	100.4	9.3
		3	Pancreas	51	9.0	10.7	63	598	108.1	101.6	11.7
	Mat-Su	1	Bronchus and lung	187	39.9	51.3	68	1,615	355.2	318.6	8.6
		2	Colon and rectum	52	11.1	15.1	69.5	489	107.6	94.7	9.4
		3	Breast <sup>5</sup>	41	18.1	20.5	69	358	163.2	150.0	8.7
	Northern Region	1	Bronchus and lung	62	45.7	89.4	71.5	399	299.8	340.8	6.4
		2	Colon and rectum	36	26.5	46.8	67.5	396	297.6	318.3	11
		3	Stomach	15	11.0*	13.6*	53	275	206.7*	197.0*	18.3
	Southeast Region	1	Bronchus and lung	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
Southwest Region	1	Bronchus and lung	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	160.0*	171.1*	15.6	

Footnotes

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					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2009-2013	Anchorage	1	Bronchus and lung	473	32.0	45.5	69	3,797	264.6	257.7	8
		2	Breast <sup>5</sup>	137	18.8	22.6	65	1,602	227.8	222.5	11.7
		3	Colon and rectum	134	9.1	12.1	65	1,584	110.4	108.7	11.8
	Gulf Coast Region	1	Bronchus and lung	193	48.5	51.8	69	1,533	400.1	320.7	7.9
		2	Colon and rectum	57	14.3	15.3	68	529	138.1	105.3	9.3
		3	Breast <sup>5</sup>	53	28.0	27.3	65	591	325.4	281.4	11.2
	Interior Region	1	Bronchus and lung	182	32.2	51.4	71	1,306	236.8	238.4	7.2
		2	Colon and rectum	54	9.5	13.7	67	514	93.2	94.8	9.5
		3	Pancreas	44	7.8	9.9	66	473	85.8	82.2	10.8
	Mat-Su	1	Bronchus and lung	184	40.3	53.4	68	1,604	361.8	336.0	8.7
		2	Colon and rectum	45	9.9	12.4	64	459	103.5	89.5	10.2
		3	Pancreas	41	9.0	11.0	65	423	95.4	84.9	10.3
	Northern Region	1	Bronchus and lung	59	44.7	87.2	72	402	311.0	349.6	6.8
		2	Colon and rectum	35	26.5	49.6	68	366	283.1	313.3	10.5
		3	Stomach	18	13.6*	19.4*	62	251	194.2*	199.5*	13.9
	Southeast Region	1	Bronchus and lung	145	39.7	44.0	70	1,146	326.4	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
	Southwest Region	1	Bronchus and lung	59	28.7	56.3	71	391	194.5	202.9	6.6
		2	Colon and rectum	40	19.5	29.6	62	521	259.1	278.6	13
		3	Stomach	22	10.7	17.6	59	327	162.6*	172.2*	14.9

Footnotes

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					Crude Rate <sup>1</sup>	Age Adjusted Rate <sup>2</sup>	Median Age of Death	YPLL	Crude YPLL Rate <sup>3</sup>	Age Adjusted YPLL Rate <sup>4</sup>	Average YPLL
2008-2012	Anchorage	1	Bronchus and lung	476	32.6	47.2	69	4,073	287.1	282.5	8.6
		2	Colon and rectum	134	9.2	12.5	65	1,545	108.9	106.6	11.5
		3	Breast <sup>5</sup>	132	18.4	22.7	65	1,506	216.9	211.8	11.4
	Gulf Coast Region	1	Bronchus and lung	184	46.7	51.9	69	1,461	384.2	316.8	7.9
		2	Breast <sup>5</sup>	56	29.9	30.0	66	628	348.9	300.4	11.2
		3	Colon and rectum	55	14.0	16.3	71	453	119.1	91.6	8.2
	Interior Region	1	Bronchus and lung	168	29.9	50.5	71	1,209	220.6	231.2	7.2
		2	Pancreas	46	8.2	11.7	67	436	79.6	79.3	9.5
		3	Colon and rectum	45	8.0	11.8	66	461	84.1	86.8	10.2
	Mat-Su	1	Bronchus and lung	175	39.4	54.4	69	1,425	329.9	308.8	8.1
		2	Colon and rectum	43	9.7	13.2	65	436	100.9	90.3	10.1
		3	Breast <sup>5</sup>	34	15.8	20.3	69	280	134.3	130.1	8.2
	Northern Region	1	Bronchus and lung	64	50.0	97.6	71	436	347.9	418.2	6.8
		2	Colon and rectum	30	23.5	50.4	69.5	265	211.5*	253.0*	8.8
		3	Stomach	19	14.9*	22.6*	62	260	207.5*	218.3*	13.7
	Southeast Region	1	Bronchus and lung	147	40.7	45.8	70	1,170	336.4	263.4	8
		2	Colon and rectum	48	13.3	16.1	72	357	102.6	92.3	7.4
		3	Pancreas	34	9.4	11.2	72.5	214	61.5*	49.0*	6.3
	Southwest Region	1	Bronchus and lung	66	32.7	63.7	71	458	231.7	253.5	6.9
		2	Colon and rectum	40	19.8	35.3	66	478	241.8	267.7	12
		3	Pancreas	12	5.9*	9.2*	62.5	168	85.0*	89.4*	14
		Stomach	12	5.9*	9.3*	60.5	202	102.2*	115.9*	16.8	

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