

IDAHO COUNTY CANCER PROFILE

*A publication from the Cancer Data Registry of Idaho,
Idaho Hospital Association.*

Cancer Incidence 2017–2021 Cancer Mortality 2018–2022 BRFSS 2011–2022

CANCER

Cancer is a group of over 100 different diseases, each characterized by the uncontrolled growth and spread of abnormal cells. Cancer risk increases with age and varies by gender and race. As the average age of the population increases, the incidence of cancer will increase as well.

An estimated 42% of all cancers in the United States are due to personal lifestyle factors, such as smoking and sedentary lifestyle, and are preventable (10.3322/caac.21440). Cancers are also attributable to environmental factors and gene-environment interactions. Other non-modifiable factors, such as age, sex, and family history of specific cancers, are also associated with cancer risk and can help identify people at elevated risk for developing cancer.

For some cancers, early detection can save lives. For example, colorectal cancer screening reduces mortality in adults aged 50–75 years (10.1001/jama.2017.3332). Improved primary prevention, early detection, and effective treatment can reduce the burden of cancer in Idaho.

RISK FACTORS AND INTERVENTIONS

Aging:

As the population ages, the number of new cancer cases and cancer deaths that occur each year will continue to increase. This trend could be reversed through significant improvements in primary prevention, early detection, and treatment.

Smoking:

Smoking and the use of smokeless tobacco are responsible for most cancers of the lung, trachea, bronchus, larynx, pharynx, oral cavity, and esophagus. Smoking is the leading cause of preventable death in the United States (PMID: 24455788).

Diet:

The U.S. Departments of Agriculture and Health and Human Services recommend the following dietary guidelines: eat a variety of foods; choose a diet with plenty of fruits, vegetables, and whole-grain products; limit the use of sugar, salt, and solid fats; and minimize alcoholic beverage consumption. For details, see <https://www.dietaryguidelines.gov>

Screening:

Early detection through screening reduces morbidity and mortality for cancers that can be diagnosed early and treated.

FOR MORE INFORMATION

Cancer Data Registry of Idaho
P.O. Box 1278
Boise, ID 83701
208-489-1380
<https://www.idcancer.org>

National Cancer Institute
Cancer Information Services
1-800-4CANCER
<https://www.cancer.gov/contact>

American Cancer Society
<https://www.cancer.org>

CANCER INCIDENCE 2017–2021

Nearly one in two Idahoans are estimated to develop cancer during their lifetime. During 2017–2021, 47,333 cases of invasive cancer were diagnosed among Idaho residents, and 651 cases of invasive cancer were diagnosed among Idaho County residents (Table 1).

Table 1: Incidence of All Cancers, Female Breast, Prostate, Lung and Bronchus, and Colorectal Cancers in Idaho County and the State of Idaho, 2017–2021

Cancer Incidence 2017–2021	Idaho County	State of Idaho
All Sites/Types	651	47,333
Female Breast	81	6,943
Prostate	116	6,766
Lung & Bronchus	77	4,959
Colorectal	57	3,632

Table 3 (*Cancer Incidence 2017–2021, Comparison between Idaho County and the Remainder of the State of Idaho*) shows the number of observed cases, person-years, crude rates, age- and sex-adjusted rates, expected number of cases based upon age- and sex-specific rates in the remainder of Idaho, and p-values for tests comparing the number of observed and expected cases in Idaho County. The table also shows the number of observed cases, person-

years, and crude rates for the remainder of the state of Idaho. Comparisons between the county and the remainder of the state were made for all cancers combined, 23 invasive cancer types, in situ breast cancer, non-malignant brain and other central nervous system tumors, and pediatric (0–19 years) cancer. Separate comparisons for males, females, and both sexes combined are included.

As shown in Table 3, the crude incidence rate of invasive cancer in Idaho County was 781.0 cases per 100,000 person-years per year during 2017–2021. Comparing this crude rate with the crude rate for the remainder of Idaho (524.0) gives an estimate of the relative burden of disease in Idaho County.

The age- and sex-adjusted incidence rate of invasive cancer in Idaho County, all sites combined, was 513.0 cases per 100,000 persons per year during 2017–2021. There were fewer cases of cancer in Idaho County (651) than expected (665.0) based upon rates in the remainder of the state, but the difference was not statistically significant.

There are many reasons why cancer incidence rates differ by county, such as the prevalence of smoking and other lifestyle factors, and access to healthcare.

CANCER MORTALITY 2018–2022

During 2018–2022, cancer was the second leading cause of death in Idaho; 15,233 Idaho residents and 245 Idaho County residents died from cancer during this period. Most cancer deaths are from five primary sites: lung, colon, pancreas, female breast, and prostate (Table 2).

Table 2: Overall and Cancer Mortality in Idaho County and the State of Idaho, 2018–2022

Mortality 2018–2022	Idaho County	State of Idaho
All Deaths	1,088	80,538
Cancer Deaths	245	15,233
% of All Deaths	22.5%	18.9%
Lung & Bronchus	41	2,937
Colorectal	26	1,332
Pancreas	24	1,190
Female Breast	14	1,111
Prostate	19	997

Table 4 (*Cancer Mortality 2018–2022, Comparison between Idaho County and the Remainder of the State of Idaho*) shows the number of observed deaths, person-years, crude rates, age- and sex-adjusted rates, expected number of deaths based upon age- and sex-specific rates in the remainder of Idaho, and p-values for tests comparing the number of observed and expected deaths for Idaho County. The table also shows the number of observed deaths, person-years, and crude rates for the remainder of the state of Idaho. Comparisons between the county and the remainder of the state were made for all deaths, all cancer deaths, and 21 specific cancer types. Separate comparisons for males, females, and both sexes combined are included.

The age- and sex-adjusted cancer mortality rate for Idaho County, all sites combined, was 177.0 deaths per 100,000 persons per year during 2018–2022, compared with 164.2 for the remainder of the state. There were more cancer deaths in Idaho County (245) than expected (227.3) based upon rates in the remainder of the state, but the difference was not statistically significant.

Statistical Note: Rates and percentages based upon 12 or fewer cases or deaths (numerator) should be interpreted with caution.

Data Note: Mortality data may differ slightly from published official statistics from the Bureau of Vital Records and Health Statistics.

TABLE 3: CANCER INCIDENCE 2017–2021
COMPARISON BETWEEN IDAHO COUNTY AND THE REMAINDER OF THE STATE OF IDAHO

Cancer Site/Type	Sex	Idaho County						Remainder of Idaho		
		Observed Cases	Person Years	Crude Rate (1)	A.A.I. Rate (1,2)	Expected Cases (3)	P-Value (4)	Observed Cases	Person Years	Crude Rate (1)
All Sites Combined	Total	651	83,360	781.0	513.0	665.0	0.605	46,682	8,908,746	524.0
All Sites Combined	Male	385	43,837	878.3	543.4	394.5	0.654	24,885	4,468,436	556.9
All Sites Combined	Female	266	39,523	673.0	466.1	280.2	0.416	21,797	4,440,310	490.9
Bladder	Total	32	83,360	38.4	22.9	34.3	0.782	2,188	8,908,746	24.6
Bladder	Male	26	43,837	59.3	33.5	30.3	0.499	1,747	4,468,436	39.1
Bladder	Female	6	39,523	15.2	9.6	6.2	1.000	441	4,440,310	9.9
Brain - malignant	Total	7	83,360	8.4	6.2	8.2	0.857	650	8,908,746	7.3
Brain - malignant	Male	6	43,837	13.7	10.1	5.0	0.767	376	4,468,436	8.4
Brain - malignant	Female	1	39,523	2.5	1.9	3.3	0.320	274	4,440,310	6.2
Brain and other CNS - non-malignant	Total	22	83,360	26.4	18.5	20.4	0.781	1,525	8,908,746	17.1
Brain and other CNS - non-malignant	Male	8	43,837	18.2	12.7	6.9	0.777	492	4,468,436	11.0
Brain and other CNS - non-malignant	Female	14	39,523	35.4	25.1	13.0	0.847	1,033	4,440,310	23.3
Breast	Total	83	83,360	99.6	69.0	93.5	0.301	6,925	8,908,746	77.7
Breast	Male	2	43,837	4.6	2.8	1.0	0.531	63	4,468,436	1.4
Breast	Female	81	39,523	204.9	144.4	86.7	0.587	6,862	4,440,310	154.5
Breast - in situ	Total	3	83,360	3.6	2.6	17.9	0.000 <<	1,366	8,908,746	15.3
Breast - in situ	Male	-	43,837	-	-	0.1	1.000	4	4,468,436	0.1
Breast - in situ	Female	3	39,523	7.6	5.5	16.9	0.000 <<	1,362	4,440,310	30.7
Cervix	Female	3	39,523	7.6	7.1	2.8	1.000	291	4,440,310	6.6
Colorectal	Total	57	83,360	68.4	45.6	50.2	0.367	3,575	8,908,746	40.1
Colorectal	Male	25	43,837	57.0	37.1	29.4	0.478	1,952	4,468,436	43.7
Colorectal	Female	32	39,523	81.0	55.3	21.2	0.033 >>	1,623	4,440,310	36.6
Corpus Uteri	Female	21	39,523	53.1	36.8	17.1	0.410	1,333	4,440,310	30.0
Esophagus	Total	9	83,360	10.8	6.8	7.4	0.657	498	8,908,746	5.6
Esophagus	Male	8	43,837	18.2	11.0	6.8	0.751	421	4,468,436	9.4
Esophagus	Female	1	39,523	2.5	1.6	1.1	1.000	77	4,440,310	1.7
Hodgkin Lymphoma	Total	3	83,360	3.6	3.3	2.2	0.771	219	8,908,746	2.5
Hodgkin Lymphoma	Male	3	43,837	6.8	6.0	1.4	0.343	126	4,468,436	2.8
Hodgkin Lymphoma	Female	-	39,523	-	-	0.8	0.872	93	4,440,310	2.1
Kidney and Renal Pelvis	Total	25	83,360	30.0	20.1	26.9	0.806	1,926	8,908,746	21.6
Kidney and Renal Pelvis	Male	16	43,837	36.5	23.9	19.4	0.521	1,294	4,468,436	29.0
Kidney and Renal Pelvis	Female	9	39,523	22.8	15.6	8.2	0.880	632	4,440,310	14.2
Larynx	Total	1	83,360	1.2	0.8	3.2	0.334	219	8,908,746	2.5
Larynx	Male	1	43,837	2.3	1.4	2.7	0.505	166	4,468,436	3.7
Larynx	Female	-	39,523	-	-	0.7	0.981	53	4,440,310	1.2
Leukemia	Total	22	83,360	26.4	17.4	24.2	0.757	1,705	8,908,746	19.1
Leukemia	Male	16	43,837	36.5	23.2	15.8	1.000	1,020	4,468,436	22.8
Leukemia	Female	6	39,523	15.2	10.3	9.0	0.422	685	4,440,310	15.4
Liver and Bile Duct	Total	13	83,360	15.6	9.9	12.2	0.903	830	8,908,746	9.3
Liver and Bile Duct	Male	9	43,837	20.5	12.7	9.3	1.000	585	4,468,436	13.1
Liver and Bile Duct	Female	4	39,523	10.1	6.6	3.4	0.864	245	4,440,310	5.5
Lung and Bronchus	Total	77	83,360	92.4	55.5	76.0	0.938	4,882	8,908,746	54.8
Lung and Bronchus	Male	45	43,837	102.7	58.8	42.0	0.683	2,450	4,468,436	54.8
Lung and Bronchus	Female	32	39,523	81.0	50.7	34.6	0.741	2,432	4,440,310	54.8
Melanoma of the Skin	Total	39	83,360	46.8	32.1	42.3	0.677	3,105	8,908,746	34.9
Melanoma of the Skin	Male	26	43,837	59.3	37.8	28.8	0.687	1,869	4,468,436	41.8
Melanoma of the Skin	Female	13	39,523	32.9	24.5	14.8	0.770	1,236	4,440,310	27.8
Myeloma	Total	5	83,360	6.0	3.7	10.9	0.081	723	8,908,746	8.1
Myeloma	Male	2	43,837	4.6	2.7	7.3	0.047 <<	445	4,468,436	10.0
Myeloma	Female	3	39,523	7.6	4.9	3.8	0.928	278	4,440,310	6.3
Non-Hodgkin Lymphoma	Total	24	83,360	28.8	19.0	27.9	0.527	1,968	8,908,746	22.1
Non-Hodgkin Lymphoma	Male	14	43,837	31.9	20.6	17.3	0.522	1,132	4,468,436	25.3
Non-Hodgkin Lymphoma	Female	10	39,523	25.3	16.9	11.1	0.893	836	4,440,310	18.8
Oral Cavity and Pharynx	Total	20	83,360	24.0	15.9	18.3	0.758	1,295	8,908,746	14.5
Oral Cavity and Pharynx	Male	15	43,837	34.2	22.3	13.9	0.846	925	4,468,436	20.7
Oral Cavity and Pharynx	Female	5	39,523	12.7	8.5	4.9	1.000	370	4,440,310	8.3
Ovary	Female	2	39,523	5.1	3.6	6.9	0.063	551	4,440,310	12.4
Pancreas	Total	25	83,360	30.0	18.5	22.1	0.598	1,463	8,908,746	16.4
Pancreas	Male	18	43,837	41.1	24.4	13.4	0.261	808	4,468,436	18.1
Pancreas	Female	7	39,523	17.7	11.3	9.1	0.621	655	4,440,310	14.8
Prostate	Male	116	43,837	264.6	159.2	108.4	0.492	6,650	4,468,436	148.8
Stomach	Total	6	83,360	7.2	4.6	6.8	0.959	468	8,908,746	5.3
Stomach	Male	5	43,837	11.4	7.0	4.9	1.000	302	4,468,436	6.8
Stomach	Female	1	39,523	2.5	1.7	2.2	0.727	166	4,440,310	3.7
Testis	Male	2	43,837	4.6	5.4	2.2	1.000	272	4,468,436	6.1
Thyroid	Total	14	83,360	16.8	14.8	12.4	0.726	1,171	8,908,746	13.1
Thyroid	Male	5	43,837	11.4	8.8	4.7	0.998	367	4,468,436	8.2
Thyroid	Female	9	39,523	22.8	21.4	7.6	0.704	804	4,440,310	18.1
Pediatric Age 0 to 19	Total	1	17,833	5.6	5.6	3.0	0.389	424	2,481,491	17.1
Pediatric Age 0 to 19	Male	1	9,425	10.6	10.6	1.6	1.000	213	1,264,896	16.8
Pediatric Age 0 to 19	Female	-	8,408	-	-	1.4	0.478	211	1,216,595	17.3

Notes: 1. Rates are expressed as the number of cases per 100,000 persons per year (person-years).

2. Age and sex-adjusted incidence (A.A.I.) rates for county use age and sex-specific crude rates for the remainder of the state as standard.

3. Expected cases are based upon age and sex-specific rates for the remainder of the state of Idaho (compare to observed).

4. P-values compare observed and expected cases, are two tailed, based upon the Poisson probability distribution.

"<<" denotes significantly fewer cases observed than expected, ">>" denotes significantly more cases observed than expected (p=.05).

Statistical Note: Rates based upon 12 or fewer cases (numerator) should be interpreted with caution.

TABLE 4: CANCER MORTALITY 2018–2022
COMPARISON BETWEEN IDAHO COUNTY AND THE REMAINDER OF THE STATE OF IDAHO

Cause of Death Cancer Site/Type	Sex	Idaho County						Remainder of Idaho		
		Observed Deaths	Person Years	Crude Rate (1)	A.A.M. Rate (1,2)	Expected Deaths (3)	P-Value (4)	Observed Deaths	Person Years	Crude Rate (1)
All Causes of Death	Total	1,088	84,561	1,286.6	794.0	1,192.9	0.002 <<	79,447	9,126,833	870.5
All Causes of Death	Male	614	44,508	1,379.5	818.3	690.5	0.003 <<	42,172	4,583,189	920.1
All Causes of Death	Female	474	40,053	1,183.4	752.3	516.9	0.060	37,275	4,543,644	820.4
All Malignant Cancers	Total	245	84,561	289.7	177.0	227.3	0.255	14,988	9,126,833	164.2
All Malignant Cancers	Male	140	44,508	314.6	181.2	136.5	0.785	8,095	4,583,189	176.6
All Malignant Cancers	Female	105	40,053	262.2	167.8	94.9	0.326	6,893	4,543,644	151.7
Bladder	Total	13	84,561	15.4	8.9	7.6	0.091	472	9,126,833	5.2
Bladder	Male	8	44,508	18.0	9.6	6.7	0.702	367	4,583,189	8.0
Bladder	Female	5	40,053	12.5	7.6	1.5	0.039 >>	105	4,543,644	2.3
Brain and Other Nervous System	Total	3	84,561	3.5	2.4	7.0	0.163	515	9,126,833	5.6
Brain and Other Nervous System	Male	3	44,508	6.7	4.5	4.2	0.808	286	4,583,189	6.2
Brain and Other Nervous System	Female	-	40,053	-	-	2.9	0.107	229	4,543,644	5.0
Breast	Total	14	84,561	16.6	10.5	16.2	0.701	1,110	9,126,833	12.2
Breast	Male	-	44,508	-	-	0.2	1.000	13	4,583,189	0.3
Breast	Female	14	40,053	35.0	23.0	14.7	0.993	1,097	4,543,644	24.1
Cervix	Female	-	40,053	-	-	1.0	0.765	88	4,543,644	1.9
Colorectal	Total	26	84,561	30.7	19.5	19.1	0.150	1,306	9,126,833	14.3
Colorectal	Male	10	44,508	22.5	13.9	11.3	0.848	722	4,583,189	15.8
Colorectal	Female	16	40,053	39.9	25.9	7.9	0.015 >>	584	4,543,644	12.9
Corpus Uteri	Female	3	40,053	7.5	4.7	2.3	0.818	166	4,543,644	3.7
Esophagus	Total	9	84,561	10.6	6.6	6.8	0.491	452	9,126,833	5.0
Esophagus	Male	8	44,508	18.0	10.6	6.3	0.594	383	4,583,189	8.4
Esophagus	Female	1	40,053	2.5	1.6	0.9	1.000	69	4,543,644	1.5
Hodgkin Lymphoma	Total	-	84,561	-	-	0.4	1.000	25	9,126,833	0.3
Hodgkin Lymphoma	Male	-	44,508	-	-	0.2	1.000	14	4,583,189	0.3
Hodgkin Lymphoma	Female	-	40,053	-	-	0.1	1.000	11	4,543,644	0.2
Kidney	Total	4	84,561	4.7	2.8	5.9	0.589	382	9,126,833	4.2
Kidney	Male	1	44,508	2.2	1.3	4.1	0.164	245	4,583,189	5.3
Kidney	Female	3	40,053	7.5	4.6	2.0	0.633	137	4,543,644	3.0
Larynx	Total	-	84,561	-	-	1.1	0.637	76	9,126,833	0.8
Larynx	Male	-	44,508	-	-	1.1	0.667	65	4,583,189	1.4
Larynx	Female	-	40,053	-	-	0.1	1.000	11	4,543,644	0.2
Leukemia	Total	10	84,561	11.8	7.2	10.0	1.000	655	9,126,833	7.2
Leukemia	Male	8	44,508	18.0	10.2	6.6	0.695	389	4,583,189	8.5
Leukemia	Female	2	40,053	5.0	3.2	3.7	0.575	266	4,543,644	5.9
Liver and Bile Duct	Total	11	84,561	13.0	8.0	9.4	0.674	624	9,126,833	6.8
Liver and Bile Duct	Male	6	44,508	13.5	8.0	6.8	0.964	417	4,583,189	9.1
Liver and Bile Duct	Female	5	40,053	12.5	8.0	2.9	0.325	207	4,543,644	4.6
Lung and Bronchus	Total	41	84,561	48.5	28.8	45.1	0.600	2,896	9,126,833	31.7
Lung and Bronchus	Male	23	44,508	51.7	29.2	26.1	0.635	1,518	4,583,189	33.1
Lung and Bronchus	Female	18	40,053	44.9	27.8	19.6	0.830	1,378	4,543,644	30.3
Melanoma of the Skin	Total	6	84,561	7.1	4.5	4.3	0.526	295	9,126,833	3.2
Melanoma of the Skin	Male	6	44,508	13.5	8.1	3.1	0.196	194	4,583,189	4.2
Melanoma of the Skin	Female	-	40,053	-	-	1.3	0.531	101	4,543,644	2.2
Myeloma	Total	7	84,561	8.3	4.9	5.0	0.481	318	9,126,833	3.5
Myeloma	Male	2	44,508	4.5	2.5	3.3	0.728	186	4,583,189	4.1
Myeloma	Female	5	40,053	12.5	7.7	1.9	0.085	132	4,543,644	2.9
Non-Hodgkin Lymphoma	Total	4	84,561	4.7	2.8	8.7	0.131	564	9,126,833	6.2
Non-Hodgkin Lymphoma	Male	1	44,508	2.2	1.3	5.2	0.068	309	4,583,189	6.7
Non-Hodgkin Lymphoma	Female	3	40,053	7.5	4.7	3.6	1.000	255	4,543,644	5.6
Oral Cavity and Pharynx	Total	6	84,561	7.1	4.4	4.0	0.432	269	9,126,833	2.9
Oral Cavity and Pharynx	Male	5	44,508	11.2	6.7	3.1	0.387	187	4,583,189	4.1
Oral Cavity and Pharynx	Female	1	40,053	2.5	1.6	1.1	1.000	82	4,543,644	1.8
Ovary	Female	4	40,053	10.0	6.4	4.9	0.912	357	4,543,644	7.9
Pancreas	Total	24	84,561	28.4	17.2	17.8	0.185	1,166	9,126,833	12.8
Pancreas	Male	18	44,508	40.4	23.5	10.6	0.046 >>	632	4,583,189	13.8
Pancreas	Female	6	40,053	15.0	9.4	7.5	0.765	534	4,543,644	11.8
Prostate	Male	19	44,508	42.7	22.7	17.9	0.851	978	4,583,189	21.3
Stomach	Total	2	84,561	2.4	1.5	2.7	0.972	192	9,126,833	2.1
Stomach	Male	2	44,508	4.5	2.7	1.9	1.000	117	4,583,189	2.6
Stomach	Female	-	40,053	-	-	0.9	0.782	75	4,543,644	1.7

Notes: 1. Rates are expressed as the number of cases per 100,000 persons per year (person-years).

2. Age and sex-adjusted mortality (A.A.M.) rates for county use age and sex-specific crude rates for the remainder of the state as standard.

3. Expected cases are based upon age and sex-specific rates for the remainder of the state of Idaho (compare to observed).

4. P-values compare observed and expected cases, are two tailed, based upon the Poisson probability distribution.

"<<" denotes significantly fewer cases observed than expected, ">>" denotes significantly more cases observed than expected (p=.05).

Statistical Notes: Rates based upon 12 or fewer cases (numerator) should be interpreted with caution.

Mortality statistics presented differ from BVRHS official statistics due to differences in methodology.

Data Source: Bureau of Vital Records and Health Statistics (BVRHS), Division of Public Health, Idaho Department of Health and Welfare, 2023.

Cancer Screening and Risk Factors

The Division of Public Health (DPH), Idaho Department of Health and Welfare, under a cooperative agreement with the Centers for Disease Control and Prevention, has conducted telephone Behavioral Risk Factor Surveys since 1984. These surveys are conducted with randomly selected adult Idahoans to measure population prevalences of risk factors for major causes of death in the U.S., including cancer. DPH provided Behavioral Risk Factor Surveillance System (BRFSS) data from 2011 through 2022 to CDRI staff, who performed the analyses reported in these *County Profiles*. Analysis weights were post-stratified to 2022 population estimates by age group, sex, and county, beginning with the BRFSS raked weights. Not all questions were asked in all years. Crude prevalence estimates are presented herein; a minimum of 50 respondents was required to generate county-level statistics. Results may differ from IDHW reports due to differences in methods. Cancer screening and risk factor measures were selected to assist in monitoring *Comprehensive Cancer Alliance for Idaho* (CCAI) objectives. Wald log-linear chi-square statistics were used to test for independence of the selected measures and other variables, such as age and race, taking the complex survey design into account.

Cancer Screening and Risk Factor Prevalence Estimates, 2011–2022

Measure	State of Idaho	HD 1	HD 2	HD 3	HD 4	HD 5	HD 6	HD 7	Idaho County
Access to Care									
Have Health Insurance, Age < 65 (2021–2022)	90.0%	89.3%	87.8%	86.4%	92.6%	87.2%	89.1%	92.6%	64.8%
Not See Doctor Due to Cost in Past Year (2020–2022)	10.4%	9.5%	11.0%	11.0%	10.2%	10.2%	10.4%	11.3%	13.6%
Cancer Screening									
Mammogram Past 2 Years, Age 40–74 (2014–2022, even years)	62.9%	61.0%	70.0%	60.3%	66.1%	58.9%	61.0%	62.5%	65.0%
Pap Test Past 3 Years, Cervix Intact Age 21–65 (2018, 2020)	71.1%	73.7%	73.6%	70.9%	72.9%	69.4%	69.3%	65.5%	64.3%
Colorectal Cancer Screening, Age 45–75 (2022)	63.3%	61.0%	62.5%	60.8%	67.2%	65.0%	60.4%	60.2%	42.7%
Tobacco Use									
Current Tobacco User (2020–2022)	22.1%	24.3%	20.4%	24.8%	21.3%	22.5%	22.6%	18.1%	21.1%
Other Cancer-Related									
Healthy Weight by Body Mass Index, Age 20+ (2020–2022)	30.0%	30.0%	30.1%	26.5%	33.7%	27.5%	26.7%	30.2%	32.1%
Any Physical Activity Besides Job Past 30 Days (2018–2022)	79.1%	79.0%	78.0%	75.4%	82.7%	75.2%	76.7%	81.0%	69.2%
Meet Physical Activity Guidelines (2011, 2013, 2015, 2017, 2019)	22.0%	22.8%	19.2%	20.0%	25.2%	19.5%	20.4%	20.3%	14.2%
Home Ever Tested for Radon (2016, 2018, 2020)	22.9%	30.8%	18.3%	16.9%	25.2%	20.1%	23.0%	21.0%	9.6%

Access to Care

Have Health Insurance – 2021–2022

Statewide, 90.0% of adults aged 18–64 reported having health care coverage. Health care coverage differed significantly by race/ethnicity, with 91.4% of white non-Hispanics, compared to 81.5% of Hispanics and 90.5% of Native Americans, having health insurance. Spanish-speaking respondents were significantly less likely to be insured (46.0%) than English-speaking respondents (90.5%). Health care coverage differed significantly by age of respondent, with 87.2% of persons aged 18–29, and 93.4% of persons aged 50–64, having health insurance. Health care coverage differed significantly by county, with a range of 64.8% in Idaho County to 95.9% in Shoshone County having health insurance.

Not See Doctor Due to Cost in Past Year – 2020–2022

Statewide, 10.4% of adults aged 18+ reported they needed to see a doctor but could not because of cost sometime in the past 12 months. Inability to see a doctor due to cost differed significantly by race/ethnicity (9.2% of white non-Hispanics, 16.9% of Hispanics, and 15.7% of Native Americans). Inability to see a doctor due to cost differed significantly by annual household income (21.9% for less than \$15,000, 5.8% for greater than \$50,000).

** Current for colorectal cancer screening means a blood stool test in the past year, sigmoidoscopy in the past 5 years and blood stool test in the past 3 years, blood stool DNA test in the past 3 years, virtual colonoscopy in the past 5 years, or a colonoscopy in the past 10 years.

Cancer Screening

Mammogram – 2014–2022, even years

Statewide, 62.9% of women aged 40–74 reported having a mammogram in the past 2 years. Insured women were about twice as likely to have had a mammogram in the past 2 years (66.3% versus 31.2%). Mammography rates differed significantly by county, with a range in screening of 41.6% in Owyhee County to 76.1% in Nez Perce County. In 2022, Idaho ranked 49th among states and the District of Columbia for mammography screening rates among women aged 40+.

Pap Test – 2018, 2020

Statewide, 71.1% of women with an intact cervix and aged 21–65 reported having a Pap test in the past 3 years. Women with health insurance were significantly more likely to have timely Pap screening than uninsured women (75.0% versus 52.8% screened in the past 3 years). Pap screening differed significantly by county, with a range of 50.6% in Bingham County to 78.9% in Bannock County. In 2020, Idaho ranked 49th among states and the District of Columbia for Pap screening rate.

Colorectal Cancer Screening – 2022

Statewide, 63.3% of adults aged 45–75 reported being current for colorectal cancer screening.** Persons with health insurance were over twice as likely to be current for colorectal cancer screening. In 2022, Idaho ranked 42nd among states and the District of Columbia in the percentage of adults aged 45–75 and older who reported being up-to-date for colorectal cancer screening.

Cancer Screening and Risk Factors

Tobacco Use

Current Tobacco Use – 2020–2022

Current tobacco use includes at least 1 form of cigarettes; cigars, cigarillos, filtered little cigars; regular pipes, water pipes, hookah; e-cigarettes; and/or smokeless tobacco products every day or some days. Statewide, 22.1% of adults aged 18 and older were current tobacco users. Tobacco use differed significantly by age of respondent, with 28.9% of persons aged 18–29, and 10.7% of persons aged 65 and older reporting current tobacco use. Tobacco use was lower among white non-Hispanics (21.5%) than among Native Americans (38.0%). Tobacco use differed significantly by county, with a range of 6.1% in Madison County to 33.5% in Elmore County. Counties with higher rates of tobacco use had significantly higher rates of lung cancer.

Other Cancer-Related

Healthy Weight by Body Mass Index – 2020–2022

Statewide, 30.0% of adults aged 20 and older were in the healthy weight range as measured by body mass index (BMI 18.5–24.9). BMI differed significantly by race/ethnicity, with 30.5% of white non-Hispanics, compared to 25.8% of Hispanics and 21.5% of Native Americans, being in the healthy weight range. Males (24.4%) were significantly less likely to be in the healthy weight range than females (35.7%). BMI differed significantly by age of respondent, with 41.1% of persons aged 18–29, and 23.4% of persons aged 50–64, being in the healthy weight range. BMI differed significantly by county, with a range of 11.7% in Power County to 44.3% in Blaine County of adults being in the healthy weight range.

Any Physical Activity – 2018-2022

CCAI is measuring physical activity with two metrics: Any physical activity besides job in past 30 days and meeting aerobic and strength physical activity guidelines during the past month or week. Statewide, 79.1% of adults aged 18 and older reported physical activity besides their job in the past 30 days. Physical activity differed significantly by age of respondent, with 83.7% of persons aged 18–29, and 72.5% of persons aged 65+, reporting any physical activity besides their job. The percentage of adults reporting any physical activity differed significantly by county, with a range of 66.9% in Oneida County to 88.3% in Teton County. Counties with higher rates of physical activity had significantly lower rates of overall and colorectal cancer.

Physical Activity Guidelines – 2011, 2013, 2015, 2017, 2019

Statewide, 22.0% of adults aged 18 and older met aerobic and strength physical activity guidelines during the past month or week. Meeting physical activity guidelines differed significantly by age of respondent, with 26.2% of persons aged 18–29, and 19.2% of persons aged 50–64, meeting guidelines. The percentage of adults meeting physical activity guidelines differed significantly by county, with a range of 9.5% in Franklin County to 30.7% in Blaine County.

Home Radon Testing – 2016, 2018, 2020

Statewide, 22.9% of adults have ever tested their house for radon. Radon test usage varied significantly by race/ethnicity, with 25.1% of white non-Hispanics, 7.3% of Hispanics, and 25.4% of Native Americans having ever tested their house for radon. Radon test usage was higher for persons aged 50+ than for younger persons. Home radon testing differed significantly by county, with a range of 8.7% in Cassia County to 54.7% in Blaine County.

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