

IV. CANCER INCIDENCE

South Dakota collected 3,931 new reportable cancer cases in 2010. Data at the county level ranged from a low incidence rate of 82.7 in Sully County to a high of 748.0 in Kingsbury County. There were 13 counties with rates significantly lower than the state incidence rate of 423.5. In 2001, (the South Dakota Cancer Registry's reference year) there were 10 counties with significantly lower rates. In the 2010 reporting year, three counties had a significantly higher rate, compared to one county in 2009.

The United States incidence rate for 2010 is not available. However, the United States incidence rate for 2009 was 456.7 and the South Dakota incidence rate was 415.4 per 100,000 persons. Comparing these rates South Dakota's rate would not be significantly different than the United States rate. South Dakota's incidence rate for 2010 is 423.5 per 100,000 persons.

On page 14, of this report, a map displaying the 2010 incidence rates by county can be located. On page 15 is a map displaying the mortality rates by county.

**Table 1 : Cancer Cases and Incidence Rates by County
South Dakota, 2010 and 2006-2010 Average**

County	2010		2006-2010 [^]	
	Cases	Rate	Cases	Rate
South Dakota	3,931	423.5	3,958	436.8
Aurora	22	569.9	16	399.7
Beadle	88	379.4	99	447.8
Bennett	15	438.4	13	396.6
Bon Homme	23	212.4	39	412.0
Brookings	110	416.2	109	430.8
Brown	184	398.1	185	425.4
Brule	31	434.3	28	419.0
Buffalo	7	598.8	7	506.0
Butte	51	385.3	53	446.6
Campbell	4	148.5	6	228.5
Charles Mix	57	493.4	57	515.6
Clark	23	384.9	21	372.9
Clay	45	390.5	42	379.9
Codington	133	416.6	130	429.6
Corson	13	363.5	12	338.2
Custer	37	274.4	45	374.4
Davison	122	503.7	106	454.7
Day	39	468.1	40	471.4
Deuel	31	524.8	28	465.9
Dewey	19	413.6	20	448.6
Douglas	19	416.4	22	507.4
Edmunds	20	284.2	23	380.0
Fall River	54	439.0	61	499.8
Faulk	18	497.1	16	419.0
Grant	48	448.4	45	417.7
Gregory	38	568.6	31	423.0
Haakon	20	592.7	14	474.5
Hamlin	30	422.9	32	466.6
Hand	28	467.0	20	377.4
Hanson	17	477.4	17	419.9
Harding	3	148.7	5	395.7
Hughes	112	570.2	90	473.8
Hutchinson	42	345.3	47	400.9
Hyde	8	453.5	9	383.1
Jackson	9	254.2	10	361.5
Jerauld	9	275.8	13	385.3
Jones	4	224.9	8	562.4
Kingsbury	58	748.0	46	565.8
Lake	57	401.9	66	445.7
Lawrence	100	329.2	110	380.9
Lincoln	139	363.2	150	506.2
Lyman	18	423.3	23	544.7
McCook	26	343.5	33	455.1
McPherson	7	142.8	13	261.4
Marshall	23	399.3	27	430.1
Meade	103	386.9	110	448.2
Mellette	11	447.1	10	448.4
Miner	12	327.7	17	433.2
Minnehaha	795	479.3	806	459.1
Moody	27	343.4	29	388.1
Pennington	508	462.6	477	449.0
Perkins	21	409.9	21	414.2
Potter	11	255.6	17	382.4
Roberts	34	267.1	43	356.7
Sanborn	15	564.8	16	465.5
Shannon	33	400.4	34	472.7
Spink	28	283.7	38	404.8
Stanley	23	523.7	19	577.2
Sully	*	82.7	6	336.8
Todd	19	331.6	23	401.6
Tripp	34	419.2	33	391.8
Turner	59	489.3	48	409.7
Union	71	432.0	68	428.1
Walworth	20	229.4	33	389.7
Yankton	128	460.7	108	397.3
Ziebach	4	194.0	5	273.3

* Counts less than three are suppressed. Incidence rates with counts less than 20 are generally considered unstable.

[^] Number of the cases and rates are averaged over the five-year period.

▲ Rate significantly higher; ▼ Rate significantly lower

Rates per 100,000 age-adjusted to 2000 US standard population and SD 2010 census and estimated populations.

Source: South Dakota Department of Health.

Table 2: Age-adjusted Incidence Rates by County for Selected Sites, 2010

	Colorectal		Lung & Bronchus		Female Breast		Prostate		Bladder		NHL	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
South Dakota	459	48.8	546	57.9	521	109.7	537	118.5	160	16.6	174	19.2
Aurora	0	0.0	3	73.8	5	291.5	5	238.7	0	0.0	0	0.0
Beadle	10	39.4	10	38.4	14	135.7	8	69.1	6	22.9	3	12.2
Bennett	*	64.4	3	86.3	3	178.1	*	56.5	0	0.0	*	24.2
Bon Homme	*	11.2	4	39.5	*	49.4	5	105.0	0	0.0	*	9.4
Brookings	18	66.8	13	48.2	10	75.0	14	114.8	4	18.0	4	16.1
Brown	22	47.8	32	66.6	21	93.9	25	120.4	10	18.9	7	16.6
Brule	4	58.1	4	61.3	6	153.6	4	104.7	3	42.3	*	22.6
Buffalo	*	77.2	*	51.8	0	0.0	*	301.6	0	0.0	0	0.0
Butte	8	64.5	10	74.5	8	133.3	7	113.1	*	8.1	*	5.6
Campbell	0	0.0	0	0.0	*	138.7	0	0.0	0	0.0	0	0.0
Charles Mix	10	84.6	3	24.9	4	79.2	8	138.5	*	16.4	6	53.0
Clark	5	98.6	3	41.3	3	84.4	3	117.2	0	0.0	*	17.5
Clay	7	63.5	7	57.6	4	67.7	9	144.8	*	6.7	0	0.0
Codington	15	44.5	20	60.5	16	93.2	16	101.5	6	20.3	6	20.6
Corson	*	23.4	0	0.0	*	112.5	*	95.2	*	53.7	0	0.0
Custer	*	7.7	8	59.0	5	63.3	*	21.1	*	15.4	3	25.3
Davison	11	42.5	16	63.8	14	111.3	18	158.2	5	21.4	12	54.3
Day	3	24.9	7	68.4	11	312.8	5	103.6	0	0.0	0	0.0
Deuel	9	156.5	5	80.0	4	132.6	5	155.7	0	0.0	0	0.0
Dewey	*	19.1	2	49.1	3	136.6	3	125.0	*	22.2	0	0.0
Douglas	*	18.2	*	53.2	*	49.6	4	158.4	0	0.0	*	21.3
Edmunds	3	37.2	2	24.8	0	0.0	6	191.8	*	10.0	*	30.9
Fall River	3	25.5	8	60.0	6	93.1	7	108.2	3	20.4	3	21.6
Faulk	5	165.7	*	41.8	3	171.3	*	97.6	*	30.3	0	0.0
Grant	6	53.3	7	62.6	7	135.5	7	138.3	*	18.8	*	8.8
Gregory	4	53.5	7	118.8	*	39.0	4	118.5	5	57.5	0	0.0
Haakon	4	110.4	5	134.4	3	193.8	*	56.3	0	0.0	0	0.0
Hamlin	6	80.7	*	15.4	4	96.4	9	258.0	*	15.9	3	42.8
Hand	6	93.6	4	69.2	3	137.8	5	178.6	*	11.8	*	11.8
Hanson	*	30.0	5	132.5	3	159.8	3	164.7	0	0.0	0	0.0
Harding	0	0.0	*	46.2	0	0.0	*	74.5	0	0.0	0	0.0
Hughes	11	56.9	13	68.4	18	172.6	26	272.0	5	23.7	3	14.8
Hutchinson	4	31.1	4	35.7	4	42.8	4	72.7	3	19.9	3	16.2
Hyde	*	40.2	*	83.1	0	0.0	0	0.0	0	0.0	*	40.2
Jackson	*	56.0	*	53.5	*	111.9	*	102.1	0	0.0	*	38.0
Jerauld	*	59.0	*	31.0	*	55.1	*	51.5	0	0.0	0	0.0
Jones	0	0.0	0	0.0	0	0.0	*	138.1	*	52.5	0	0.0
Kingsbury	5	64.3	5	49.8	5	148.5	6	141.3	*	11.1	5	60.6
Lake	6	39.4	7	42.5	7	92.1	13	177.9	*	13.0	6	47.1
Lawrence	14	40.6	10	30.7	15	107.1	13	94.4	5	14.6	5	16.4
Lincoln	7	18.3	16	46.8	21	104.0	21	113.1	7	19.8	8	20.0
Lyman	*	44.6	*	44.5	5	241.9	4	195.9	0	0.0	0	0.0
McCook	*	12.2	0	0.0	4	129.0	5	132.1	*	31.9	*	21.9
McPherson	*	22.4	*	25.9	*	47.4	0	0.0	0	0.0	0	0.0
Marshall	0	0.0	5	63.2	*	44.5	*	64.2	*	13.3	0	0.0
Meade	12	48.3	13	48.5	8	61.9	13	94.4	3	12.0	4	15.1
Mellette	*	31.3	3	115.5	3	330.3	0	0.0	0	0.0	0	0.0
Miner	0	0.0	4	114.2	*	72.5	0	0.0	*	28.5	*	63.0
Minnehaha	79	49.2	101	63.4	126	140.5	105	135.7	34	20.3	42	25.1
Moody	8	106.4	2	31.0	4	100.6	3	89.3	*	9.1	*	12.3
Pennington	59	52.5	85	76.8	66	116.1	51	88.9	18	16.4	12	13.1
Perkins	6	101.0	*	21.1	*	79.2	4	139.0	0	0.0	0	0.0
Potter	3	46.9	*	60.2	*	59.8	*	52.1	*	24.0	*	16.5
Roberts	4	31.8	3	22.7	4	54.6	9	134.0	0	0.0	0	0.0
Sanborn	*	30.0	*	30.0	3	381.8	*	114.3	0	0.0	*	23.8
Shannon	6	59.0	5	79.3	5	115.5	*	57.5	0	0.0	*	16.0
Spink	3	26.3	3	28.0	3	30.8	4	89.5	3	24.4	*	15.8
Stanley	*	26.0	5	111.1	3	128.7	4	158.5	*	16.9	*	44.2
Sully	0	0.0	*	44.3	0	0.0	*	62.9	0	0.0	0	0.0
Todd	4	59.2	*	34.6	*	51.7	3	119.5	0	0.0	*	23.9
Tripp	11	120.5	5	62.1	*	38.4	7	160.3	0	0.0	*	15.9
Turner	7	53.9	11	95.9	3	43.5	7	122.1	*	16.7	*	17.4
Union	8	51.3	15	92.9	4	35.5	13	161.8	3	21.9	5	29.4
Walworth	*	11.8	*	19.2	3	104.7	*	25.2	5	42.2	*	21.7
Yankton	16	47.4	20	71.7	19	143.0	17	130.4	4	14.2	4	16.9
Ziebach	0	0.0	0	0.0	*	83.5	*	82.5	0	0.0	0	0.0

Note: * Counts less than 3 are suppressed. Incidence rates with counts less than 20 are generally considered unstable. Rates per 100,000 age-adjusted to the 2000 US standard population and 2010 SD census population. Source: South Dakota Department of Health.

Table 3: Age-adjusted Incidence Rates by Site, Gender and Race, South Dakota, 2010

2010	TOTAL		MALE		FEMALE		WHITE		AMERICAN INDIAN	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Total	3,931	423.5	2,001	461.9	1,930	397.0	3,701	425.4	198	498.2
Oral Cavity	103	11.1	74	16.0	29	6.2	97	11.2	6	15.5
Lip	8	0.8	5	1.1	3	0.5	8	0.8	0	0.0
Tongue	33	3.7	21	4.5	12	2.8	32	3.9	1	1.1
Salivary Gland	11	1.1	8	1.8	3	0.5	11	1.2	0	0.0
Floor of Mouth	7	0.8	5	1.1	2	0.5	6	0.7	1	1.8
Gum and Other Mouth	8	0.8	8	1.6	0	0.0	7	0.7	1	2.6
Nasopharynx	2	0.2	2	0.5	0	0.0	2	0.3	0	0.0
Tonsil	29	3.2	21	4.5	8	1.7	27	3.2	2	6.9
Oropharynx	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hypopharynx	4	0.4	3	0.6	1	0.2	4	0.4	0	0.0
Other Oral Cavity and Pharynx	1	0.1	1	0.3	0	0.0	0	0.0	1	3.2
Digestive System	753	80.0	390	91.1	363	70.7	701	78.6	47	122.0
Esophagus	42	4.6	33	7.9	9	1.7	39	4.5	3	7.9
Stomach	55	5.6	28	6.3	27	5.1	49	5.2	5	12.2
Small Intestine	17	1.9	7	1.7	10	2.1	17	2.1	0	0.0
Colorectal	459	48.8	237	56.1	222	42.9	434	48.9	22	55.7
Colon Excluding Rectum	339	35.5	164	38.4	175	33.7	323	35.7	15	40.5
Rectum and Rectosigmoid	120	13.3	73	17.7	47	9.2	111	13.2	7	15.1
Anus, Anal Canal and Anorectum	13	1.4	5	1.0	8	1.9	12	1.4	1	1.8
Liver and Intrahepatic Bile Duct	28	3.0	19	4.1	9	1.9	20	2.2	7	16.5
Gallbladder	11	1.2	5	1.1	6	1.3	9	1.1	2	5.7
Other Biliary	19	2.0	9	2.0	10	1.8	19	2.1	0	0.0
Pancreas	99	10.4	44	10.2	55	10.4	92	10.1	7	22.3
Retroperitoneum	3	0.3	2	0.4	1	0.2	3	0.3	0	0.0
Peritoneum, Omentum and Mesentery	7	0.8	1	0.2	6	1.3	7	0.8	0	0.0
Respiratory	573	60.9	317	74.6	256	50.3	525	58.6	43	127.8
Nose, Nasal Cavity and Middle Ear	5	0.6	2	0.6	3	0.6	5	0.7	0	0.0
Larynx	21	2.3	18	4.2	3	0.6	19	2.1	2	7.5
Lung and Bronchus	546	57.9	296	69.6	250	49.1	500	55.7	41	120.3
Pleura	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mediastinum and Other Resp Organs	1	0.1	1	0.2	0	0.0	1	0.1	0	0.0
Bones and Joints	5	0.5	5	1.2	0	0.0	5	0.6	0	0.0
Soft Tissue (Including Heart)	25	2.8	12	2.8	13	2.9	21	2.6	3	8.7
Skin	172	19.6	86	20.2	86	19.4	169	21.0	3	4.5
Melanomas of the Skin	159	18.2	80	18.8	79	18.0	157	19.6	2	2.7
Other Skin	13	1.4	6	1.4	7	1.4	12	1.3	1	1.8
Breast	525	57.7	4	1.1	521	109.7	490	57.8	27	66.1
Breast, Female	521	109.7			521	109.7	486	110.0	27	115.8
Breast, Male	4	1.1	4	1.1			4	1.1	0	0.0
Female	234	49.4			234	49.4	215	48.7	17	65.1
Vulva	13	2.5			13	2.5	11	2.3	2	6.9
Vagina	3	0.5			3	0.5	3	0.5	0	0.0
Cervix Uteri	22	5.5			22	5.5	18	4.9	4	13.8
Corpus and Uterus, NOS	146	30.8			146	30.8	137	31.4	8	32.9
Corpus Uteri	143	30.1			143	30.1	134	30.5	8	32.9
Uterus, NOS	3	0.7			3	0.7	3	0.8	0	0.0
Ovary	50	10.1			50	10.1	46	9.6	3	11.5
Other Female Genital Organs	0	0.0			0	0.0	0	0.0	0	0.0

Table 3: Age-adjusted Incidence Rates by Site, Gender and Race, South Dakota, 2010 (continued)

	TOTAL		MALE		FEMALE		WHITE		AMERICAN INDIAN	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Male	562	125.0	562	125.0			545	128.7	16	78.4
Penis	1	0.2	1	0.2			1	0.2	0	0.0
Prostate	537	118.5	537	118.5			523	121.9	13	69.7
Testis	23	6.1	23	6.1			20	6.3	3	8.6
Other Male Genital Organs	1	0.2	1	0.2			1	0.2	0	0.0
Urinary	300	31.6	213	50.1	87	16.6	288	32.1	10	25.5
Bladder	160	16.6	127	30.2	33	6.3	158	17.4	1	1.8
Kidney and Renal Pelvis	134	14.3	83	19.3	51	9.7	124	14.0	9	23.7
Ureter	3	0.3	1	0.2	2	0.4	3	0.3	0	0.0
Other Urinary Organs	3	0.3	2	0.5	1	0.2	3	0.3	0	0.0
Eye and Orbit	5	0.5	3	0.8	2	0.4	5	0.5	0	0.0
Brain and CNS	47	5.6	23	5.7	24	5.5	45	6.0	1	0.8
Brain	45	5.4	21	5.2	24	5.5	43	5.7	1	0.8
Meninges and CNS	2	0.3	2	0.5	0	0.0	2	0.3	0	0.0
Endocrine	116	13.7	28	6.6	88	21.1	110	14.5	4	5.5
Thyroid	110	13.0	25	5.9	85	20.4	106	14.0	3	4.6
Other Endocrine	6	0.7	3	0.7	3	0.7	4	0.6	1	0.9
Lymphomas	194	21.5	113	26.6	81	17.6	183	22.0	8	16.1
Hodgkin's Lymphoma	20	2.3	8	2.0	12	2.6	18	2.3	2	3.8
Non-Hodgkin's Lymphoma'	174	19.2	105	24.6	69	15.0	165	19.7	6	12.3
Multiple Myeloma	52	5.6	29	6.9	23	4.4	52	5.9	0	0.0
Leukemia	107	11.2	74	17.3	33	6.2	102	11.5	4	7.9
Acute Lymphocytic	5	0.6	5	1.1	0	0.0	5	0.7	0	0.0
Chronic Lymphocytic	31	3.1	21	4.6	10	1.7	31	3.3	0	0.0
Other Lymphocytic	2	0.2	2	0.5	0	0.0	2	0.2	0	0.0
Acute Myeloid	49	5.2	31	7.4	18	3.6	45	5.2	3	6.1
Acute Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic Myeloid	10	1.0	7	1.7	3	0.6	10	1.1	0	0.0
Other Myeloid/Monocytic	1	0.1	1	0.3	0	0.0	1	0.1	0	0.0
Other Acute Leukemia	6	0.6	5	1.1	1	0.1	6	0.6	0	0.0
Other Leukemia	3	0.3	2	0.5	1	0.2	2	0.2	1	1.8
Myeloproliferative and Myelodysplastic	47	4.9	17	4.0	30	5.5	45	5.0	1	1.8
Mesothelioma	8	0.8	3	0.8	5	0.8	8	0.8	0	0.0
Other Sites	103	10.6	48	11.2	55	10.3	95	10.1	8	26.0

Rates per 100,000 age-adjusted to the 2000 US standard population and 2010 SD census population.

Source: South Dakota Department of Health

Table 3 above shows incidence and age-adjusted incidence rates for South Dakota in 2010 by primary sites, gender, and race according to SEER site category recodes (Appendix C).

Table 4: Percentage of Selected Cancers by Age Groups in South Dakota, 2010

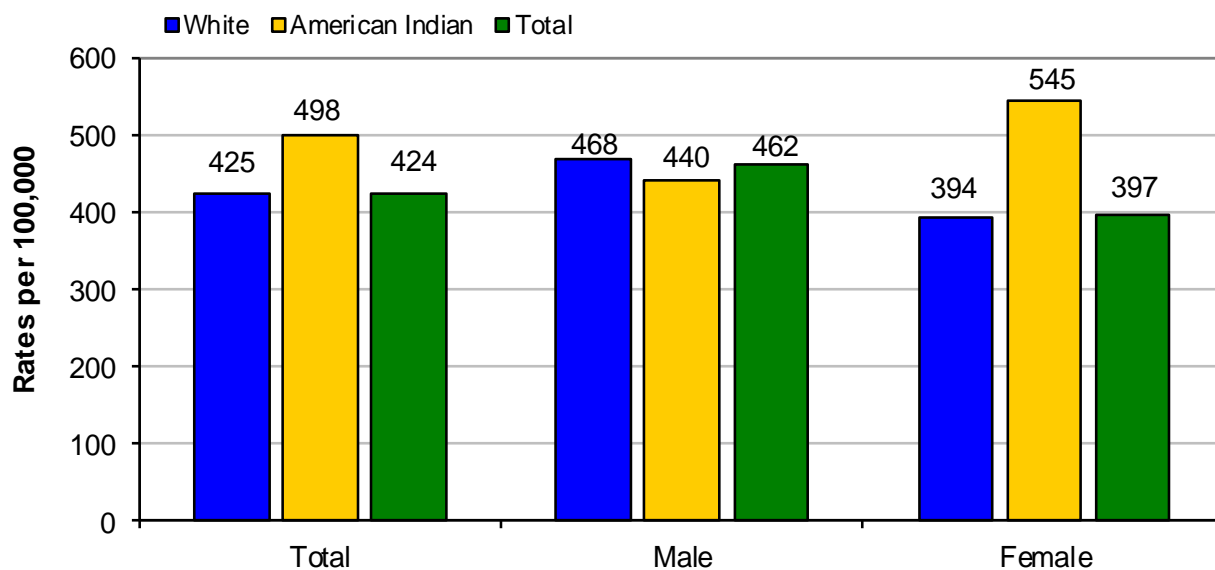
	0-19	20-34	35-49	50-64	65-74	75-84	85+
All Sites	1%	3%	9%	31%	26%	21%	10%
Bladder	0%	1%	3%	24%	23%	32%	18%
Breast, Female	0%	2%	15%	33%	25%	17%	8%
Colorectal	0%	1%	8%	25%	25%	24%	17%
Corpus and Uterus, NOS	0%	1%	12%	44%	27%	11%	5%
Hodgkin's Lymphoma	10%	25%	10%	35%	10%	10%	0%
Kidney and Renal Pelvis	0%	1%	12%	28%	31%	17%	10%
Leukemia	4%	6%	5%	22%	24%	21%	18%
Lung and Bronchus	0%	0%	3%	27%	30%	30%	10%
Melanomas of the Skin	1%	4%	26%	31%	18%	13%	8%
Non-Hodgkin's Lymphoma	2%	4%	12%	30%	23%	20%	9%
Pancreas	0%	0%	6%	27%	22%	29%	15%
Prostate	0%	0%	1%	42%	39%	15%	3%

Source: South Dakota Department of Health

In 2010, 57% of all cancers were diagnosed between ages 50 to 74 (Table 4). Notable were the 15% of female breast cancers and 26% of melanomas of the skin diagnosed between the ages of 35 to 49. In 2009, 50% of the Hodgkin's lymphoma cases were diagnosed in persons under 35 years old; that has lowered to 35% in 2010.

Figure 1 below shows that incidence rates for American Indians in South Dakota were higher for females and overall than those for whites in 2010. Of the 3,931 newly diagnosed cases in 2010, 198 or 5% were American Indians, 78 males and 120 females.

Figure 1: All Sites Cancer Incidence Rates by Race and Gender, South Dakota, 2010

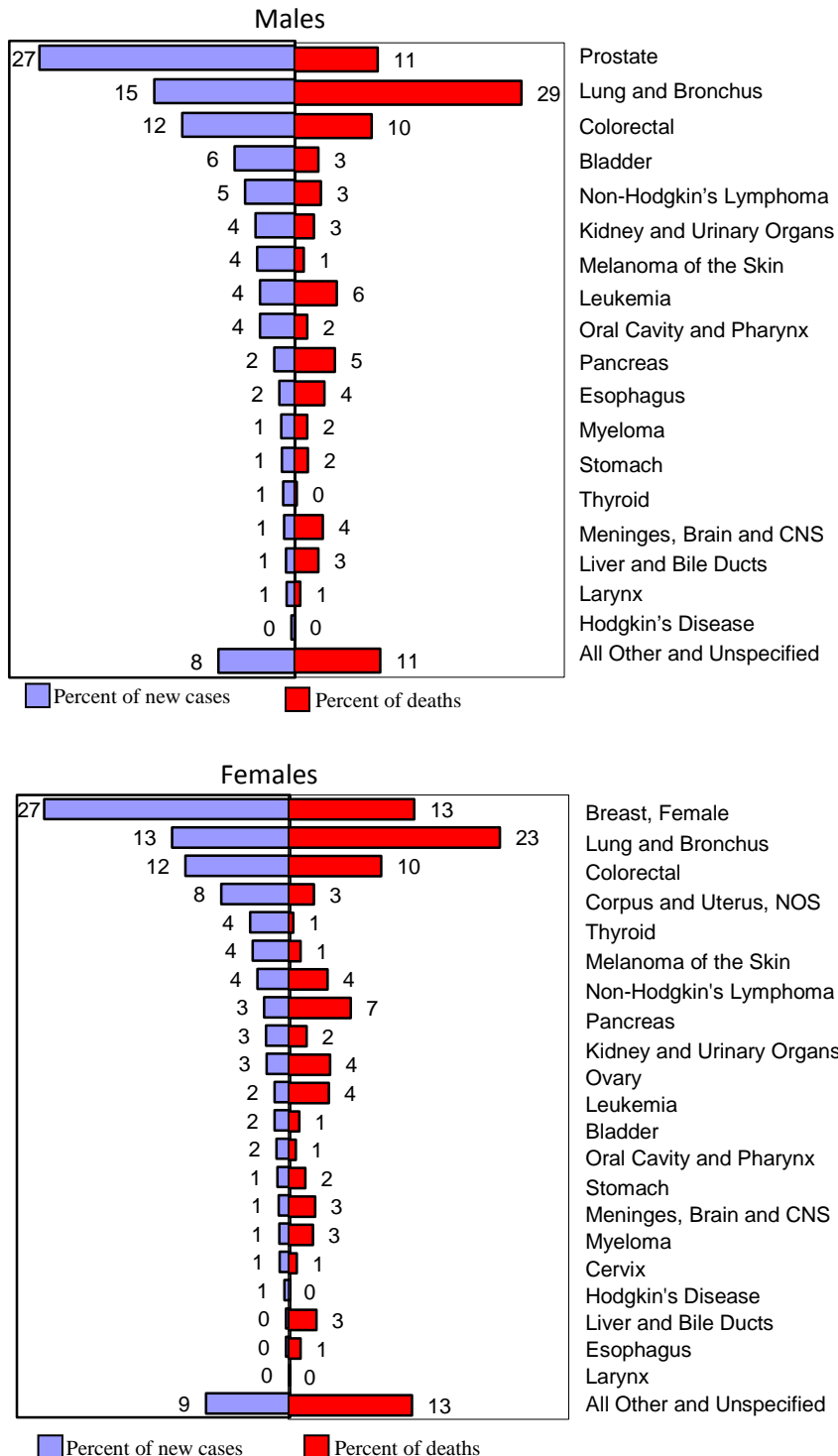


Note: Rates per 100,000 age-adjusted to the 2000 US standard population and 2010 SD census population.
Source: South Dakota Department of Health

V. CANCER CASES AND DEATHS BY RANK

Lung cancer was the most common cancer diagnosed during 2010. The four most diagnosed cancers were lung and bronchus, prostate, female breast, and colorectal which accounted for 52.5% of the new cases diagnosed and 48.4% of cancer deaths. Figure 2 shows the percent of new cancer cases and deaths by rank and gender.

Figure 2: Percent Distribution of Cancer Cases and Deaths by Rank and Gender, South Dakota, 2010



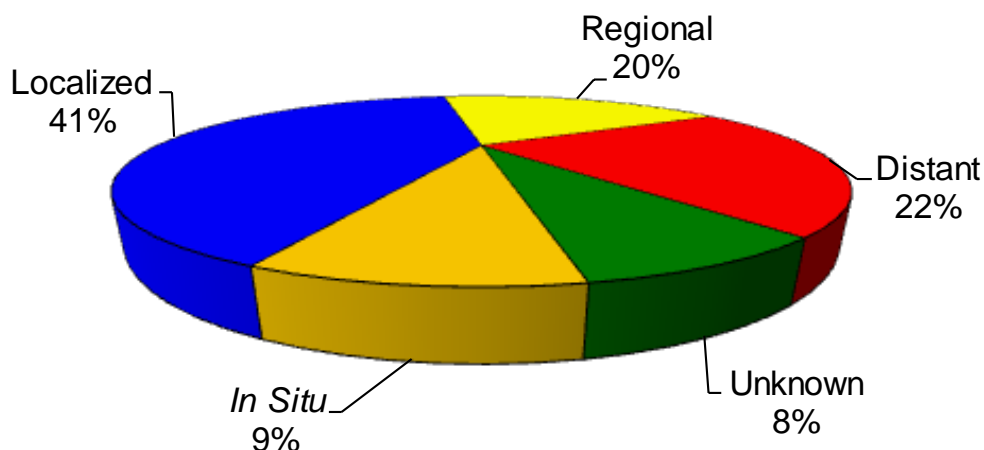
Source: South Dakota Department of Health

VI. STAGE AT DIAGNOSIS

SEER Summary Staging:

- ***In Situ*** - Malignant cells are within the cell groups from which they arose, without penetration of the basement membrane of the tissue and stromal invasion.
- **Localized** - The malignant cells are limited to the organ of origin and have spread no farther than the organ where they began.
- **Regional** - The tumor is beyond the limits of the organ of origin by direct extension to adjacent areas such as the regional lymph nodes, adjacent organs, or tissue.
- **Distant** - The tumor cells have broken away from the primary tumor and traveled to other parts of the body.
- **Unknown** - If extension or metastatic, there is not sufficient evidence available to assign a stage.

Figure 5: Stage at Diagnosis, All Sites, South Dakota, 2010



Source: South Dakota Department of Health

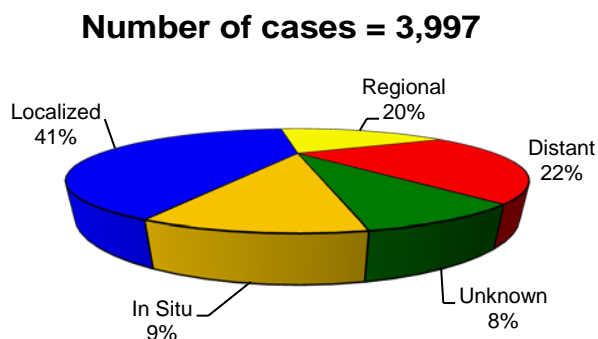
The figure above demonstrates the number of cases diagnosed at each stage of disease. For 2010, there were a total of 4,244 cases reported to the South Dakota State Cancer Registry, which includes *in situ* cases.

Table 5: South Dakota Stage at Diagnosis, All Cases, 2010

Stage	Number of Cases	Percent of Total
<i>In Situ</i>	393	9.3
Localized	1,731	40.8
Regional	833	19.6
Distant	954	22.5
Unknown	333	7.8

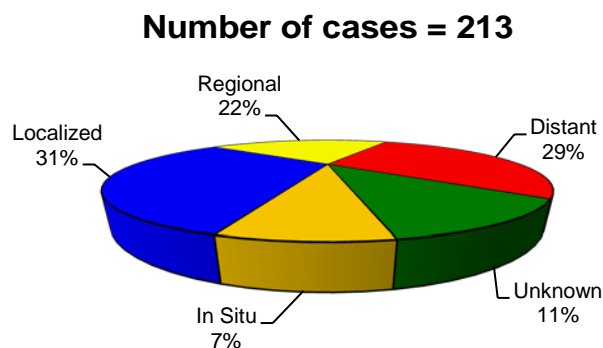
In 2010, 41% of all cancer cases diagnosed in South Dakota were diagnosed at localized stage. Another 42% were diagnosed at the regional and distant stages combined. Stage at diagnosis by race was as follows:

Figure 6: Stage at Diagnosis in South Dakota, White, 2010



Source: South Dakota Department of Health

Figure 7: Stage at Diagnosis in South Dakota, American Indians, 2010



Source: South Dakota Department of Health

Cases of non-Hodgkin's lymphoma, myeloma and leukemias are usually at distant stages, and therefore can skew the proportion of all sites diagnosed at distant stages. Some differences in case counts by stage for selected sites are shown in Table 6.

Table 6: Stage at Diagnosis for Selected Sites by Race, South Dakota, 2010

	White						American Indian					
	Localized		Regional		Distant		Localized		Regional		Distant	
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Female Breast	291	17.6%	155	19.8%	30	3.4%	14	21.2%	12	26.1%	1	1.6%
Prostate	431	26.1%	61	7.8%	14	1.6%	8	12.1%	3	6.5%	1	1.6%
Lung and Bronchus	80	4.8%	116	14.8%	270	30.6%	3	4.5%	5	10.9%	30	49.2%
Colorectal	173	10.5%	161	20.6%	70	7.9%	7	10.6%	8	17.4%	6	9.8%
Melanoma of the Skin	121	7.3%	18	2.3%	3	0.3%	2	3.0%	0	0.0%	0	0.0%
Bladder	65	3.9%	5	0.6%	6	0.7%	0	0.0%	0	0.0%	0	0.0%
Non-Hodgkin's Lymphoma	33	2.0%	20	2.6%	82	9.3%	2	3.0%	1	2.2%	3	4.9%
Corpus and Uterus, NOS	110	6.7%	18	2.3%	5	0.6%	6	9.1%	0	0.0%	0	0.0%
Kidney and Renal Pelvis	72	4.4%	18	2.3%	23	2.6%	5	7.6%	3	6.5%	1	1.6%
Pancreas	6	0.4%	23	2.9%	51	5.8%	0	0.0%	0	0.0%	5	8.2%
Thyroid	72	4.4%	30	3.8%	2	0.2%	2	3.0%	1	2.2%	0	0.0%
Leukemia	1	0.1%	0	0.0%	101	11.5%	0	0.0%	0	0.0%	4	6.6%

Source: South Dakota Department of Health