

**Chapter IV:
Occurrence of Cancer in
Minnesota Counties and Regions,
1998-2002**

Chapter IV: Cancer in Minnesota Counties and Regions, 1998 – 2002

This chapter contains a profile of cancer incidence for 1998-2002 for each county and each region in Minnesota. A precise definition of these cancers is given in Appendix A. The profile is given for males and females separately. The “observed” numbers of cancers are those that were first diagnosed in residents of the county during the 5-year period, 1998-2002. The “expected” number of cancers is calculated by applying the 1998-2002 age- and sex-specific incidence rates for the entire state to the estimated 5-year population of the county. Another way of stating this is that the expected number of cancers for a county is the number that would have occurred if the incidence rates for the county and the state were identical. The county/region-specific results represent nearly 5,000 different analyses. It is informative to quickly page through these data noting the large number of occasions in which fewer than five cancers were observed, and the extremely variable relationship between the observed and expected numbers. There are many combinations of observed and expected cancers that are very similar, many combinations where the

observed number appears larger than expected, and many others where the expected number appears larger than the observed. This variability is inherent in cancer incidence data for areas with smaller populations.

When there were at least ten cancers of a given type, the average annual age-adjusted incidence rate is also provided. Because of the year-to-year variability in the occurrence of cancer, which is especially noticeable in smaller populations, average annual rates that appear to be different between counties may actually be statistically indistinguishable.

The purpose of these data is to provide the reader with a description of cancer occurrence in each county; to provide a quantitative indication about how many cancers, on average, would be expected to occur; and to reinforce the sense of natural variability of these data. Therefore, no statistical tests of differences between the observed and expected numbers are provided.

Table IV-1: Aitkin County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	344	342.1	250	250.9	539.7	426.1
Brain & Other Nervous System	7	4.3	0	2.8	~	~
Breast	1	0.7	88	81.6	~	147.5
Cervix Uteri	-	-	3	2.9	-	~
Colon & Rectum	27	36.8	30	30.7	40.2	42.4
Corpus & Uterus, NOS	-	-	9	16.4	-	~
Esophagus	7	5.1	0	1.3	~	~
Hodgkin Lymphoma	0	1.4	1	1.0	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	10	10.4	4	5.6	16.5	~
Larynx	8	3.8	3	0.8	~	~
Leukemia	6	10.3	6	6.3	~	~
Liver & Intrahepatic Bile Duct	3	3.0	1	1.1	~	~
Lung & Bronchus	53	46.4	39	30.5	84.6	59.6
Melanoma of the Skin	11	10.7	6	7.3	19.6	~
Mesothelioma (all sites)	2	1.6	0	0.3	~	~
Myeloma	1	3.8	1	2.6	~	~
Non-Hodgkin Lymphoma	24	14.5	7	11.2	36.6	~
Oral Cavity & Pharynx	7	9.1	8	4.0	~	~
Ovary	-	-	13	7.8	-	18.3
Pancreas	9	6.2	4	5.2	~	~
Prostate	116	122.5	-	-	174.7	-
Soft Tissues incl. Heart	2	1.7	4	1.4	~	~
Stomach	7	5.3	1	2.6	~	~
Testis	4	2.2	-	-	~	-
Thyroid	3	1.8	4	4.0	~	~
Urinary Bladder	26	23.5	1	6.7	39.4	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-2: Anoka County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	2719	2704.8	2413	2556.7	563.0	395.9
Brain & Other Nervous System	51	53.9	38	38.3	8.3	5.4
Breast	3	5.8	803	886.9	~	125.8
Cervix Uteri	-	-	37	49.9	-	5.0
Colon & Rectum	245	276.1	233	252.9	53.7	42.2
Corpus & Uterus, NOS	-	-	161	166.7	-	25.9
Esophagus	54	38.4	10	10.3	10.6	1.8
Hodgkin Lymphoma	30	25.2	13	19.3	3.8	1.7
Kaposi Sarcoma (all sites)	0	3.4	0	0.2	~	~
Kidney & Renal Pelvis	74	92.9	56	53.2	13.9	9.4
Larynx	30	30.6	13	7.6	5.7	2.0
Leukemia	91	90.4	56	62.2	17.7	9.5
Liver & Intrahepatic Bile Duct	19	26.9	8	10.8	4.2	~
Lung & Bronchus	346	334.1	331	266.4	75.6	58.8
Melanoma of the Skin	99	113.0	98	109.8	16.9	13.7
Mesothelioma (all sites)	7	11.1	2	2.3	~	~
Myeloma	28	28.8	25	22.7	6.1	4.8
Non-Hodgkin Lymphoma	129	128.0	97	105.7	26.3	16.8
Oral Cavity & Pharynx	87	86.0	32	40.2	16.4	5.1
Ovary	-	-	69	85.6	-	11.1
Pancreas	40	48.2	38	42.6	9.0	7.3
Prostate	952	863.7	-	-	202.7	-
Soft Tissues incl. Heart	20	20.3	16	17.8	3.0	2.7
Stomach	31	39.7	29	22.0	7.5	5.2
Testis	71	58.7	-	-	8.8	-
Thyroid	18	26.8	65	75.6	2.4	8.5
Urinary Bladder	176	163.4	50	54.9	41.9	8.7

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-3: Becker County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	495	471.9	344	396.7	588.1	370.5
Brain & Other Nervous System	7	6.8	2	4.8	~	~
Breast	1	1.0	101	129.4	~	110.6
Cervix Uteri	-	-	6	5.2	-	~
Colon & Rectum	50	50.6	47	47.9	59.4	44.8
Corpus & Uterus, NOS	-	-	34	25.2	-	36.7
Esophagus	9	6.9	0	2.0	~	~
Hodgkin Lymphoma	5	2.6	7	2.0	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	11	14.7	8	8.6	12.3	~
Larynx	5	5.2	0	1.2	~	~
Leukemia	14	14.9	12	10.3	17.7	11.3
Liver & Intrahepatic Bile Duct	3	4.3	1	1.8	~	~
Lung & Bronchus	68	62.2	37	45.7	79.8	39.1
Melanoma of the Skin	14	16.0	13	12.8	16.3	16.1
Mesothelioma (all sites)	3	2.2	0	0.4	~	~
Myeloma	4	5.3	7	4.0	~	~
Non-Hodgkin Lymphoma	28	20.8	15	17.7	35.5	15.0
Oral Cavity & Pharynx	18	13.2	4	6.4	20.3	~
Ovary	-	-	6	12.5	-	~
Pancreas	7	8.5	6	7.9	~	~
Prostate	166	162.7	-	-	193.3	-
Soft Tissues incl. Heart	2	2.7	4	2.4	~	~
Stomach	5	7.4	1	4.1	~	~
Testis	7	4.9	-	-	~	-
Thyroid	2	3.0	5	7.5	~	~
Urinary Bladder	38	31.8	7	10.3	43.9	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-4: Beltrami County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	482	467.5	382	412.7	581.7	384.2
Brain & Other Nervous System	8	7.6	1	5.5	~	~
Breast	1	1.0	118	134.9	~	120.0
Cervix Uteri	-	-	9	6.2	-	~
Colon & Rectum	48	49.8	56	47.8	57.8	54.1
Corpus & Uterus, NOS	-	-	15	25.9	-	15.2
Esophagus	9	6.7	2	2.0	~	~
Hodgkin Lymphoma	1	3.3	0	2.8	~	~
Kaposi Sarcoma (all sites)	0	0.4	1	0.0	~	~
Kidney & Renal Pelvis	19	14.7	9	8.8	23.1	~
Larynx	6	5.1	0	1.2	~	~
Leukemia	17	15.5	16	10.8	19.8	14.3
Liver & Intrahepatic Bile Duct	3	4.3	3	1.9	~	~
Lung & Bronchus	59	60.0	42	45.7	72.9	43.6
Melanoma of the Skin	13	16.8	11	15.0	15.8	11.4
Mesothelioma (all sites)	2	2.1	1	0.4	~	~
Myeloma	8	5.1	5	4.1	~	~
Non-Hodgkin Lymphoma	15	21.2	22	18.3	18.0	22.6
Oral Cavity & Pharynx	16	13.4	4	6.6	19.1	~
Ovary	-	-	10	13.2	-	10.3
Pancreas	6	8.3	7	7.8	~	~
Prostate	172	156.5	-	-	208.4	-
Soft Tissues incl. Heart	4	3.0	2	2.8	~	~
Stomach	8	7.3	3	4.2	~	~
Testis	9	6.8	-	-	~	-
Thyroid	1	3.4	7	9.6	~	~
Urinary Bladder	30	30.9	9	10.2	36.4	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-5: Benton County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	363	360.8	248	341.4	565.5	311.6
Brain & Other Nervous System	7	6.3	8	4.6	~	~
Breast	0	0.8	78	110.2	~	98.8
Cervix Uteri	-	-	2	5.5	-	~
Colon & Rectum	35	38.6	23	40.5	55.3	26.6
Corpus & Uterus, NOS	-	-	10	20.7	-	14.0
Esophagus	2	5.1	0	1.6	~	~
Hodgkin Lymphoma	2	3.0	0	2.4	~	~
Kaposi Sarcoma (all sites)	1	0.4	0	0.0	~	~
Kidney & Renal Pelvis	6	11.5	12	7.2	~	15.8
Larynx	8	3.8	1	0.9	~	~
Leukemia	10	12.4	11	9.1	16.2	14.3
Liver & Intrahepatic Bile Duct	4	3.4	5	1.5	~	~
Lung & Bronchus	40	45.1	21	36.3	62.4	28.2
Melanoma of the Skin	7	13.8	10	13.1	~	13.4
Mesothelioma (all sites)	3	1.6	0	0.3	~	~
Myeloma	4	4.0	4	3.3	~	~
Non-Hodgkin Lymphoma	19	16.9	16	15.2	27.8	19.7
Oral Cavity & Pharynx	8	10.6	4	5.5	~	~
Ovary	-	-	9	10.8	-	~
Pancreas	5	6.4	6	6.5	~	~
Prostate	153	116.3	-	-	245.9	-
Soft Tissues incl. Heart	0	2.5	2	2.3	~	~
Stomach	10	5.7	1	3.6	15.9	~
Testis	5	6.8	-	-	~	-
Thyroid	3	3.1	5	8.5	~	~
Urinary Bladder	16	23.8	5	8.6	26.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-6: Big Stone County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	138	116.7	106	100.0	658.0	428.3
Brain & Other Nervous System	1	1.4	1	1.1	~	~
Breast	1	0.3	22	31.4	~	93.9
Cervix Uteri	-	-	1	1.1	-	~
Colon & Rectum	23	12.9	16	13.3	106.4	48.5
Corpus & Uterus, NOS	-	-	12	6.1	-	54.0
Esophagus	2	1.7	1	0.5	~	~
Hodgkin Lymphoma	1	0.5	1	0.4	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	3.5	3	2.2	~	~
Larynx	1	1.2	0	0.3	~	~
Leukemia	6	3.7	7	2.7	~	~
Liver & Intrahepatic Bile Duct	0	1.0	1	0.5	~	~
Lung & Bronchus	20	15.6	12	11.8	90.7	54.9
Melanoma of the Skin	5	3.7	4	2.8	~	~
Mesothelioma (all sites)	0	0.6	1	0.1	~	~
Myeloma	0	1.3	0	1.1	~	~
Non-Hodgkin Lymphoma	3	5.1	7	4.7	~	~
Oral Cavity & Pharynx	7	3.1	1	1.6	~	~
Ovary	-	-	2	3.0	-	~
Pancreas	2	2.1	2	2.1	~	~
Prostate	40	40.7	-	-	184.8	-
Soft Tissues incl. Heart	0	0.6	0	0.6	~	~
Stomach	3	1.9	1	1.2	~	~
Testis	0	0.8	-	-	~	-
Thyroid	0	0.6	3	1.5	~	~
Urinary Bladder	16	8.3	2	2.8	75.7	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-7: Blue Earth County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	570	623.5	594	594.1	512.9	413.0
Brain & Other Nervous System	11	10.2	11	7.6	9.7	8.5
Breast	1	1.4	194	189.3	~	140.9
Cervix Uteri	-	-	5	8.6	-	~
Colon & Rectum	63	66.8	93	72.5	57.3	57.2
Corpus & Uterus, NOS	-	-	35	36.1	-	24.4
Esophagus	7	8.8	3	2.9	~	~
Hodgkin Lymphoma	4	5.0	4	4.2	~	~
Kaposi Sarcoma (all sites)	0	0.6	0	0.1	~	~
Kidney & Renal Pelvis	21	19.4	15	12.6	18.9	10.6
Larynx	11	6.6	0	1.6	9.9	~
Leukemia	11	21.0	17	15.8	9.4	9.9
Liver & Intrahepatic Bile Duct	5	5.7	5	2.7	~	~
Lung & Bronchus	60	79.0	52	65.2	54.9	36.9
Melanoma of the Skin	27	22.9	22	21.4	23.3	17.2
Mesothelioma (all sites)	3	2.8	0	0.6	~	~
Myeloma	3	6.9	5	6.0	~	~
Non-Hodgkin Lymphoma	33	28.8	24	27.0	29.2	17.4
Oral Cavity & Pharynx	13	17.8	4	9.6	11.8	~
Ovary	-	-	18	18.7	-	13.3
Pancreas	13	11.0	10	11.6	12.0	7.6
Prostate	182	204.0	-	-	167.6	-
Soft Tissues incl. Heart	5	4.1	2	4.1	~	~
Stomach	11	9.8	7	6.4	10.3	~
Testis	11	11.0	-	-	7.7	-
Thyroid	4	4.9	15	13.5	~	10.9
Urinary Bladder	38	41.7	15	15.4	34.7	8.7

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-8: Brown County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	408	419.5	370	367.0	546.5	417.2
Brain & Other Nervous System	5	5.9	4	4.3	~	~
Breast	0	1.0	116	117.0	~	130.5
Cervix Uteri	-	-	4	4.7	-	~
Colon & Rectum	41	45.8	53	46.6	53.3	49.8
Corpus & Uterus, NOS	-	-	37	22.5	-	46.4
Esophagus	7	6.0	4	1.9	~	~
Hodgkin Lymphoma	2	2.4	1	1.9	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	13	12.8	5	8.0	17.0	~
Larynx	2	4.4	0	1.0	~	~
Leukemia	20	13.6	11	9.8	27.1	10.6
Liver & Intrahepatic Bile Duct	3	3.7	0	1.7	~	~
Lung & Bronchus	29	55.0	27	42.0	38.3	31.4
Melanoma of the Skin	12	14.2	12	11.6	17.0	15.2
Mesothelioma (all sites)	1	2.0	0	0.4	~	~
Myeloma	9	4.7	2	3.8	~	~
Non-Hodgkin Lymphoma	21	18.8	17	16.8	29.5	19.0
Oral Cavity & Pharynx	8	11.5	3	5.9	~	~
Ovary	-	-	8	11.3	-	~
Pancreas	10	7.5	13	7.5	13.4	12.7
Prostate	154	142.5	-	-	201.2	-
Soft Tissues incl. Heart	6	2.4	2	2.2	~	~
Stomach	5	6.8	5	4.1	~	~
Testis	5	4.5	-	-	~	-
Thyroid	1	2.7	12	6.7	~	17.4
Urinary Bladder	32	29.2	7	9.9	43.6	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-9: Carlton County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	461	454.0	409	399.7	571.4	430.6
Brain & Other Nervous System	9	6.9	2	4.9	~	~
Breast	1	1.0	122	129.9	~	129.5
Cervix Uteri	-	-	3	5.5	-	~
Colon & Rectum	53	48.7	47	48.3	66.5	45.6
Corpus & Uterus, NOS	-	-	26	25.0	-	28.7
Esophagus	12	6.6	3	2.0	14.4	~
Hodgkin Lymphoma	7	2.8	1	2.1	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	17	14.3	5	8.7	20.4	~
Larynx	2	4.9	1	1.2	~	~
Leukemia	6	14.6	7	10.3	~	~
Liver & Intrahepatic Bile Duct	3	4.2	0	1.8	~	~
Lung & Bronchus	58	58.9	49	45.6	70.6	53.6
Melanoma of the Skin	17	16.2	21	13.3	20.1	23.0
Mesothelioma (all sites)	7	2.1	0	0.4	~	~
Myeloma	10	5.1	6	4.1	11.8	~
Non-Hodgkin Lymphoma	21	20.5	22	18.0	26.0	22.5
Oral Cavity & Pharynx	12	13.0	9	6.4	15.6	~
Ovary	-	-	15	12.6	-	17.3
Pancreas	7	8.2	6	7.9	~	~
Prostate	146	152.9	-	-	181.9	-
Soft Tissues incl. Heart	4	2.7	5	2.4	~	~
Stomach	7	7.1	4	4.2	~	~
Testis	5	5.8	-	-	~	-
Thyroid	4	3.2	8	8.0	~	~
Urinary Bladder	31	30.5	13	10.3	40.2	10.9

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-10: Carver County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	537	620.4	555	588.6	486.2	394.3
Brain & Other Nervous System	11	12.4	10	8.8	8.7	7.5
Breast	2	1.4	183	201.0	~	123.8
Cervix Uteri	-	-	12	11.7	-	7.3
Colon & Rectum	61	64.3	65	61.1	60.0	49.3
Corpus & Uterus, NOS	-	-	29	36.7	-	22.4
Esophagus	7	8.7	1	2.4	~	~
Hodgkin Lymphoma	6	5.8	5	4.5	~	~
Kaposi Sarcoma (all sites)	0	0.8	0	0.0	~	~
Kidney & Renal Pelvis	23	21.2	11	12.2	19.9	8.6
Larynx	5	6.8	2	1.7	~	~
Leukemia	10	21.5	11	15.1	9.3	7.3
Liver & Intrahepatic Bile Duct	3	6.2	0	2.5	~	~
Lung & Bronchus	61	76.1	43	59.3	59.2	34.1
Melanoma of the Skin	29	26.2	28	25.6	19.2	16.7
Mesothelioma (all sites)	2	2.6	0	0.5	~	~
Myeloma	5	6.7	4	5.3	~	~
Non-Hodgkin Lymphoma	34	29.8	32	24.8	28.7	23.5
Oral Cavity & Pharynx	11	19.6	5	9.3	9.6	~
Ovary	-	-	14	19.3	-	11.1
Pancreas	6	11.0	8	10.0	~	~
Prostate	177	194.2	-	-	168.3	-
Soft Tissues incl. Heart	2	4.7	6	4.2	~	~
Stomach	7	9.4	3	5.4	~	~
Testis	15	13.5	-	-	8.9	-
Thyroid	7	6.2	24	17.6	~	13.1
Urinary Bladder	34	38.5	14	13.1	33.5	10.9

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-11: Cass County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	494	514.7	341	373.2	536.9	380.4
Brain & Other Nervous System	6	6.9	2	4.5	~	~
Breast	2	1.1	114	123.4	~	125.4
Cervix Uteri	-	-	8	4.8	-	~
Colon & Rectum	50	55.0	42	43.5	55.2	44.5
Corpus & Uterus, NOS	-	-	21	24.6	-	23.1
Esophagus	6	7.6	4	1.8	~	~
Hodgkin Lymphoma	4	2.4	1	1.8	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	13	15.9	10	8.2	13.5	11.0
Larynx	5	5.7	1	1.2	~	~
Leukemia	16	15.6	6	9.3	19.9	~
Liver & Intrahepatic Bile Duct	2	4.6	1	1.7	~	~
Lung & Bronchus	84	69.0	36	44.5	86.7	38.3
Melanoma of the Skin	17	16.7	13	11.8	20.0	17.5
Mesothelioma (all sites)	1	2.4	0	0.4	~	~
Myeloma	8	5.7	2	3.8	~	~
Non-Hodgkin Lymphoma	16	22.1	15	16.4	17.5	15.7
Oral Cavity & Pharynx	25	14.0	7	5.9	27.5	~
Ovary	-	-	10	11.9	-	11.7
Pancreas	10	9.3	6	7.4	11.5	~
Prostate	170	182.6	-	-	179.4	-
Soft Tissues incl. Heart	4	2.7	3	2.2	~	~
Stomach	8	8.0	6	3.7	~	~
Testis	6	4.1	-	-	~	-
Thyroid	1	3.0	3	6.9	~	~
Urinary Bladder	22	34.7	6	9.5	25.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-12: Chippewa County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	202	219.6	169	202.0	517.8	343.0
Brain & Other Nervous System	2	3.0	0	2.3	~	~
Breast	0	0.5	47	63.5	~	93.1
Cervix Uteri	-	-	3	2.4	-	~
Colon & Rectum	26	24.4	28	26.7	65.2	42.5
Corpus & Uterus, NOS	-	-	12	12.2	-	24.5
Esophagus	3	3.2	2	1.1	~	~
Hodgkin Lymphoma	1	1.1	1	0.9	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	1	6.6	9	4.4	~	~
Larynx	2	2.3	1	0.6	~	~
Leukemia	8	7.2	1	5.5	~	~
Liver & Intrahepatic Bile Duct	3	2.0	0	1.0	~	~
Lung & Bronchus	29	28.7	12	23.2	72.5	25.6
Melanoma of the Skin	8	7.3	6	6.1	~	~
Mesothelioma (all sites)	0	1.0	0	0.2	~	~
Myeloma	4	2.5	3	2.2	~	~
Non-Hodgkin Lymphoma	10	9.9	11	9.4	27.4	25.0
Oral Cavity & Pharynx	3	6.0	3	3.3	~	~
Ovary	-	-	7	6.1	-	~
Pancreas	3	4.0	1	4.3	~	~
Prostate	71	74.3	-	-	178.7	-
Soft Tissues incl. Heart	0	1.2	1	1.2	~	~
Stomach	2	3.7	0	2.4	~	~
Testis	3	2.0	-	-	~	-
Thyroid	0	1.3	8	3.3	~	~
Urinary Bladder	12	15.7	3	5.7	28.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-13: Chisago County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	516	459.6	467	388.4	618.6	496.5
Brain & Other Nervous System	16	8.1	11	5.5	19.0	11.5
Breast	0	1.0	153	130.0	~	163.2
Cervix Uteri	-	-	7	6.8	-	~
Colon & Rectum	52	48.6	49	42.6	65.0	51.1
Corpus & Uterus, NOS	-	-	27	24.4	-	29.0
Esophagus	6	6.5	6	1.7	~	~
Hodgkin Lymphoma	2	3.6	7	2.7	~	~
Kaposi Sarcoma (all sites)	0	0.5	0	0.0	~	~
Kidney & Renal Pelvis	16	15.0	9	8.2	19.1	~
Larynx	3	5.0	3	1.1	~	~
Leukemia	13	15.4	9	10.0	15.6	~
Liver & Intrahepatic Bile Duct	4	4.4	3	1.7	~	~
Lung & Bronchus	63	58.0	52	41.3	77.4	58.2
Melanoma of the Skin	23	17.7	17	15.4	25.4	16.8
Mesothelioma (all sites)	0	2.0	1	0.4	~	~
Myeloma	11	5.0	1	3.7	13.2	~
Non-Hodgkin Lymphoma	25	21.4	15	16.7	28.6	15.9
Oral Cavity & Pharynx	12	13.7	4	6.2	13.9	~
Ovary	-	-	25	12.6	-	26.2
Pancreas	6	8.2	9	7.0	~	~
Prostate	188	149.8	-	-	230.0	-
Soft Tissues incl. Heart	4	3.1	3	2.6	~	~
Stomach	5	7.1	5	3.7	~	~
Testis	7	7.9	-	-	~	-
Thyroid	5	3.9	11	10.2	~	11.1
Urinary Bladder	25	29.8	9	9.2	29.0	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-14: Clay County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	709	608.6	553	564.1	656.8	419.1
Brain & Other Nervous System	9	9.7	12	7.3	~	9.2
Breast	2	1.4	170	181.0	~	134.1
Cervix Uteri	-	-	16	8.2	-	13.0
Colon & Rectum	75	65.4	75	68.3	69.7	52.9
Corpus & Uterus, NOS	-	-	30	34.5	-	23.1
Esophagus	7	8.7	4	2.8	~	~
Hodgkin Lymphoma	3	4.3	4	3.8	~	~
Kaposi Sarcoma (all sites)	1	0.5	0	0.1	~	~
Kidney & Renal Pelvis	15	19.0	18	12.0	14.1	13.4
Larynx	3	6.5	1	1.6	~	~
Leukemia	28	20.3	15	15.0	26.0	10.9
Liver & Intrahepatic Bile Duct	4	5.6	4	2.6	~	~
Lung & Bronchus	93	78.1	51	62.2	86.4	40.8
Melanoma of the Skin	17	21.8	18	20.1	15.6	13.7
Mesothelioma (all sites)	3	2.8	0	0.6	~	~
Myeloma	12	6.8	5	5.7	11.2	~
Non-Hodgkin Lymphoma	28	27.8	21	25.4	25.7	17.2
Oral Cavity & Pharynx	26	17.3	11	9.1	23.6	8.4
Ovary	-	-	17	17.8	-	12.7
Pancreas	9	10.9	8	11.0	~	~
Prostate	279	202.0	-	-	258.9	-
Soft Tissues incl. Heart	2	3.8	6	3.8	~	~
Stomach	8	9.6	9	6.0	~	~
Testis	8	8.8	-	-	~	-
Thyroid	1	4.5	13	12.6	~	10.5
Urinary Bladder	40	41.0	14	14.6	37.8	9.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-15: Clearwater County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	137	144.5	108	112.5	524.3	387.3
Brain & Other Nervous System	1	2.0	1	1.3	~	~
Breast	0	0.3	36	36.4	~	133.3
Cervix Uteri	-	-	1	1.4	-	~
Colon & Rectum	17	15.9	14	14.0	62.5	39.1
Corpus & Uterus, NOS	-	-	11	7.1	-	37.6
Esophagus	4	2.1	0	0.6	~	~
Hodgkin Lymphoma	1	0.8	0	0.6	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	4.4	2	2.4	~	~
Larynx	0	1.5	0	0.3	~	~
Leukemia	6	4.6	1	3.0	~	~
Liver & Intrahepatic Bile Duct	0	1.3	1	0.5	~	~
Lung & Bronchus	24	18.9	14	12.8	93.0	51.3
Melanoma of the Skin	3	4.8	0	3.6	~	~
Mesothelioma (all sites)	1	0.7	0	0.1	~	~
Myeloma	3	1.6	1	1.2	~	~
Non-Hodgkin Lymphoma	2	6.4	3	5.1	~	~
Oral Cavity & Pharynx	2	4.0	1	1.8	~	~
Ovary	-	-	6	3.5	-	~
Pancreas	2	2.6	2	2.3	~	~
Prostate	47	49.5	-	-	178.7	-
Soft Tissues incl. Heart	1	0.8	0	0.7	~	~
Stomach	4	2.3	1	1.2	~	~
Testis	1	1.4	-	-	~	-
Thyroid	0	0.9	3	2.1	~	~
Urinary Bladder	9	10.1	0	3.0	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-16: Cook County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	80	92.2	75	73.1	496.3	406.5
Brain & Other Nervous System	3	1.3	1	0.9	~	~
Breast	0	0.2	22	24.5	~	120.0
Cervix Uteri	-	-	1	1.0	-	~
Colon & Rectum	9	9.9	9	8.5	~	~
Corpus & Uterus, NOS	-	-	4	4.8	-	~
Esophagus	2	1.4	0	0.4	~	~
Hodgkin Lymphoma	0	0.5	0	0.3	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	2.9	1	1.6	~	~
Larynx	0	1.0	0	0.2	~	~
Leukemia	3	2.8	3	1.8	~	~
Liver & Intrahepatic Bile Duct	1	0.8	0	0.3	~	~
Lung & Bronchus	12	12.2	13	8.3	78.9	78.1
Melanoma of the Skin	1	3.1	1	2.4	~	~
Mesothelioma (all sites)	1	0.4	1	0.1	~	~
Myeloma	0	1.0	0	0.7	~	~
Non-Hodgkin Lymphoma	4	4.0	5	3.2	~	~
Oral Cavity & Pharynx	2	2.6	0	1.2	~	~
Ovary	-	-	3	2.3	-	~
Pancreas	0	1.7	1	1.4	~	~
Prostate	22	32.0	-	-	131.6	-
Soft Tissues incl. Heart	0	0.5	0	0.4	~	~
Stomach	0	1.4	0	0.7	~	~
Testis	1	0.8	-	-	~	-
Thyroid	0	0.6	1	1.4	~	~
Urinary Bladder	9	6.2	1	1.8	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-17: Cottonwood County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	202	222.0	204	198.6	518.2	450.5
Brain & Other Nervous System	1	2.9	1	2.2	~	~
Breast	2	0.5	68	62.1	~	160.3
Cervix Uteri	-	-	5	2.2	-	~
Colon & Rectum	28	24.8	36	26.7	70.2	66.3
Corpus & Uterus, NOS	-	-	20	12.0	-	46.4
Esophagus	2	3.2	0	1.1	~	~
Hodgkin Lymphoma	1	1.0	1	0.9	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	8	6.6	1	4.3	~	~
Larynx	2	2.3	0	0.5	~	~
Leukemia	3	7.3	6	5.5	~	~
Liver & Intrahepatic Bile Duct	1	1.9	0	0.9	~	~
Lung & Bronchus	24	29.2	14	22.9	61.7	33.3
Melanoma of the Skin	11	7.2	6	5.8	29.7	~
Mesothelioma (all sites)	0	1.1	0	0.2	~	~
Myeloma	3	2.5	2	2.1	~	~
Non-Hodgkin Lymphoma	11	9.9	5	9.3	29.4	~
Oral Cavity & Pharynx	3	6.0	1	3.2	~	~
Ovary	-	-	5	6.0	-	~
Pancreas	4	4.0	2	4.2	~	~
Prostate	72	75.8	-	-	173.8	-
Soft Tissues incl. Heart	0	1.2	0	1.2	~	~
Stomach	2	3.7	1	2.4	~	~
Testis	3	1.8	-	-	~	-
Thyroid	2	1.2	7	3.1	~	~
Urinary Bladder	9	16.0	7	5.7	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-18: Crow Wing County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	940	899.0	779	748.2	583.3	435.4
Brain & Other Nervous System	12	12.6	7	9.0	8.2	~
Breast	2	2.0	244	243.2	~	135.8
Cervix Uteri	-	-	11	9.9	-	8.4
Colon & Rectum	86	96.4	101	90.0	53.1	49.7
Corpus & Uterus, NOS	-	-	37	47.7	-	21.1
Esophagus	12	13.1	3	3.7	7.4	~
Hodgkin Lymphoma	4	4.8	5	3.8	~	~
Kaposi Sarcoma (all sites)	0	0.6	0	0.1	~	~
Kidney & Renal Pelvis	22	27.8	19	16.4	14.0	9.8
Larynx	12	9.8	3	2.2	7.0	~
Leukemia	23	28.3	19	19.2	15.5	9.9
Liver & Intrahepatic Bile Duct	5	8.1	3	3.4	~	~
Lung & Bronchus	116	119.2	96	87.4	71.6	52.3
Melanoma of the Skin	27	29.9	21	24.2	17.8	13.7
Mesothelioma (all sites)	4	4.2	0	0.8	~	~
Myeloma	6	10.0	8	7.7	~	~
Non-Hodgkin Lymphoma	39	39.3	31	33.5	25.2	16.8
Oral Cavity & Pharynx	26	24.6	20	12.0	16.8	10.9
Ovary	-	-	30	23.5	-	17.4
Pancreas	26	16.2	19	15.0	16.0	9.9
Prostate	380	312.0	-	-	229.3	-
Soft Tissues incl. Heart	7	5.0	8	4.5	~	~
Stomach	8	14.1	11	7.7	~	6.5
Testis	8	9.0	-	-	~	-
Thyroid	2	5.6	19	14.2	~	14.0
Urinary Bladder	72	61.0	20	19.4	45.1	10.2

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-19: Dakota County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	3084	3195.5	3137	3091.5	536.9	422.6
Brain & Other Nervous System	55	63.1	57	45.9	7.7	7.2
Breast	6	7.0	1079	1067.7	~	139.4
Cervix Uteri	-	-	51	60.6	-	5.8
Colon & Rectum	297	329.2	282	311.2	55.5	41.6
Corpus & Uterus, NOS	-	-	197	198.6	-	25.7
Esophagus	44	45.3	12	12.6	8.1	1.8
Hodgkin Lymphoma	40	29.3	27	23.5	5.1	3.1
Kaposi Sarcoma (all sites)	1	4.0	0	0.2	~	~
Kidney & Renal Pelvis	104	109.0	71	64.0	16.4	9.7
Larynx	32	35.6	11	9.1	5.9	1.4
Leukemia	117	108.1	66	76.2	19.2	9.6
Liver & Intrahepatic Bile Duct	23	31.7	15	13.1	4.4	2.4
Lung & Bronchus	366	394.3	314	317.6	67.1	46.5
Melanoma of the Skin	147	132.9	124	133.6	22.0	15.0
Mesothelioma (all sites)	18	13.3	3	2.8	3.7	~
Myeloma	41	34.4	37	27.5	7.0	5.5
Non-Hodgkin Lymphoma	158	151.9	152	128.6	25.9	21.4
Oral Cavity & Pharynx	106	101.1	44	48.8	16.3	5.8
Ovary	-	-	123	103.0	-	16.3
Pancreas	49	57.0	60	51.8	8.0	8.7
Prostate	958	1014.2	-	-	174.9	-
Soft Tissues incl. Heart	23	23.9	21	21.6	2.9	2.4
Stomach	46	47.6	32	27.3	9.1	4.6
Testis	86	68.4	-	-	8.9	-
Thyroid	35	31.3	104	91.9	4.5	11.4
Urinary Bladder	177	196.2	64	67.2	35.3	9.4

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-20: Dodge County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	199	212.9	173	187.8	527.8	382.1
Brain & Other Nervous System	4	3.5	4	2.5	~	~
Breast	0	0.5	54	61.4	~	120.9
Cervix Uteri	-	-	1	2.9	-	~
Colon & Rectum	17	22.8	29	22.0	43.9	59.2
Corpus & Uterus, NOS	-	-	6	11.6	-	~
Esophagus	3	3.0	0	0.9	~	~
Hodgkin Lymphoma	1	1.5	0	1.2	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	12	6.8	4	4.0	29.8	~
Larynx	5	2.3	0	0.5	~	~
Leukemia	9	7.1	5	5.0	~	~
Liver & Intrahepatic Bile Duct	0	2.0	1	0.8	~	~
Lung & Bronchus	29	27.2	20	20.5	78.7	46.3
Melanoma of the Skin	9	7.8	7	6.9	~	~
Mesothelioma (all sites)	0	1.0	0	0.2	~	~
Myeloma	2	2.4	1	1.8	~	~
Non-Hodgkin Lymphoma	7	9.8	12	8.3	~	26.2
Oral Cavity & Pharynx	9	6.2	5	3.0	~	~
Ovary	-	-	3	5.9	-	~
Pancreas	3	3.8	3	3.6	~	~
Prostate	69	70.1	-	-	185.0	-
Soft Tissues incl. Heart	0	1.4	1	1.2	~	~
Stomach	3	3.4	0	1.9	~	~
Testis	0	3.2	-	-	~	-
Thyroid	1	1.6	5	4.3	~	~
Urinary Bladder	7	14.2	0	4.7	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-21: Douglas County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	605	542.1	479	461.5	626.1	444.5
Brain & Other Nervous System	6	7.5	2	5.4	~	~
Breast	0	1.3	179	148.0	~	176.7
Cervix Uteri	-	-	7	5.8	-	~
Colon & Rectum	61	59.2	67	57.7	62.0	54.7
Corpus & Uterus, NOS	-	-	25	28.8	-	23.7
Esophagus	12	7.8	2	2.4	12.5	~
Hodgkin Lymphoma	3	2.9	3	2.3	~	~
Kaposi Sarcoma (all sites)	0	0.4	1	0.0	~	~
Kidney & Renal Pelvis	9	16.5	9	10.0	~	~
Larynx	8	5.8	0	1.3	~	~
Leukemia	19	17.4	17	12.1	19.9	14.4
Liver & Intrahepatic Bile Duct	1	4.8	3	2.1	~	~
Lung & Bronchus	78	71.1	36	53.4	79.6	30.1
Melanoma of the Skin	20	18.1	11	14.5	22.1	12.8
Mesothelioma (all sites)	2	2.5	0	0.5	~	~
Myeloma	6	6.1	11	4.8	~	8.8
Non-Hodgkin Lymphoma	17	24.0	24	21.0	18.6	20.9
Oral Cavity & Pharynx	12	14.9	7	7.4	13.2	~
Ovary	-	-	9	14.3	-	~
Pancreas	13	9.7	5	9.4	13.8	~
Prostate	230	185.8	-	-	233.1	-
Soft Tissues incl. Heart	2	3.0	6	2.8	~	~
Stomach	11	8.7	7	5.0	11.3	~
Testis	7	5.5	-	-	~	-
Thyroid	2	3.3	6	8.3	~	~
Urinary Bladder	53	37.6	15	12.4	54.1	12.2

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-22: Faribault County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	276	295.3	218	265.9	531.9	347.4
Brain & Other Nervous System	4	3.9	2	2.9	~	~
Breast	0	0.7	65	83.4	~	100.0
Cervix Uteri	-	-	3	3.0	-	~
Colon & Rectum	38	32.7	31	35.4	70.6	36.2
Corpus & Uterus, NOS	-	-	11	16.2	-	18.0
Esophagus	3	4.3	2	1.4	~	~
Hodgkin Lymphoma	2	1.4	2	1.1	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	8	8.9	5	5.8	~	~
Larynx	1	3.1	1	0.7	~	~
Leukemia	9	9.5	5	7.2	~	~
Liver & Intrahepatic Bile Duct	2	2.6	0	1.3	~	~
Lung & Bronchus	34	39.0	21	31.0	65.0	37.5
Melanoma of the Skin	13	9.6	10	7.7	28.1	21.3
Mesothelioma (all sites)	0	1.4	1	0.3	~	~
Myeloma	3	3.4	3	2.9	~	~
Non-Hodgkin Lymphoma	10	13.0	16	12.4	19.5	20.4
Oral Cavity & Pharynx	5	8.0	5	4.3	~	~
Ovary	-	-	6	8.0	-	~
Pancreas	5	5.3	0	5.7	~	~
Prostate	99	101.5	-	-	181.3	-
Soft Tissues incl. Heart	1	1.6	1	1.5	~	~
Stomach	4	4.8	3	3.1	~	~
Testis	3	2.5	-	-	~	-
Thyroid	3	1.7	8	4.1	~	~
Urinary Bladder	13	21.0	4	7.5	23.2	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-23: Fillmore County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	342	359.3	297	306.6	536.5	398.0
Brain & Other Nervous System	7	4.9	1	3.5	~	~
Breast	0	0.8	90	97.0	~	122.6
Cervix Uteri	-	-	2	3.7	-	~
Colon & Rectum	37	39.6	44	39.8	56.7	48.8
Corpus & Uterus, NOS	-	-	19	18.7	-	27.7
Esophagus	4	5.2	2	1.6	~	~
Hodgkin Lymphoma	6	1.9	2	1.5	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	11	10.9	7	6.6	18.6	~
Larynx	2	3.8	0	0.9	~	~
Leukemia	20	11.7	7	8.3	31.7	~
Liver & Intrahepatic Bile Duct	4	3.2	2	1.4	~	~
Lung & Bronchus	44	47.2	27	35.1	66.7	34.2
Melanoma of the Skin	9	11.9	6	9.4	~	~
Mesothelioma (all sites)	0	1.7	1	0.3	~	~
Myeloma	4	4.1	2	3.2	~	~
Non-Hodgkin Lymphoma	13	16.0	20	14.2	21.2	27.9
Oral Cavity & Pharynx	13	9.7	8	5.0	21.4	~
Ovary	-	-	9	9.3	-	~
Pancreas	7	6.5	6	6.4	~	~
Prostate	110	122.6	-	-	168.5	-
Soft Tissues incl. Heart	0	2.0	1	1.8	~	~
Stomach	5	5.9	5	3.5	~	~
Testis	4	3.4	-	-	~	-
Thyroid	0	2.1	7	5.3	~	~
Urinary Bladder	18	25.3	9	8.5	25.8	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-24: Freeborn County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	509	551.5	440	478.7	519.8	381.4
Brain & Other Nervous System	4	7.6	5	5.5	~	~
Breast	2	1.3	126	152.9	~	112.1
Cervix Uteri	-	-	9	5.9	-	~
Colon & Rectum	64	60.1	76	60.7	65.8	57.4
Corpus & Uterus, NOS	-	-	28	29.8	-	24.7
Esophagus	7	8.0	2	2.5	~	~
Hodgkin Lymphoma	2	2.8	1	2.3	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	14	16.9	11	10.4	14.8	9.9
Larynx	9	5.9	2	1.4	~	~
Leukemia	14	17.6	19	12.7	15.0	18.6
Liver & Intrahepatic Bile Duct	3	4.9	3	2.2	~	~
Lung & Bronchus	53	72.8	38	55.5	52.1	32.2
Melanoma of the Skin	18	18.4	13	14.8	19.8	12.5
Mesothelioma (all sites)	0	2.6	0	0.5	~	~
Myeloma	4	6.2	6	5.0	~	~
Non-Hodgkin Lymphoma	27	24.5	21	21.9	28.9	18.2
Oral Cavity & Pharynx	11	15.1	6	7.7	11.8	~
Ovary	-	-	16	14.7	-	14.9
Pancreas	5	9.9	10	9.9	~	9.0
Prostate	187	189.1	-	-	184.7	-
Soft Tissues incl. Heart	6	3.0	5	2.8	~	~
Stomach	10	8.9	3	5.3	10.3	~
Testis	7	5.3	-	-	~	-
Thyroid	2	3.4	8	8.4	~	~
Urinary Bladder	35	38.2	5	13.0	35.8	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-25: Goodhue County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	603	617.9	584	560.2	551.2	433.4
Brain & Other Nervous System	9	9.4	6	6.8	~	~
Breast	0	1.4	185	181.7	~	140.2
Cervix Uteri	-	-	11	7.8	-	8.1
Colon & Rectum	64	66.9	76	68.8	58.6	48.8
Corpus & Uterus, NOS	-	-	43	34.7	-	33.5
Esophagus	4	8.9	3	2.8	~	~
Hodgkin Lymphoma	5	3.8	7	3.0	~	~
Kaposi Sarcoma (all sites)	1	0.5	0	0.1	~	~
Kidney & Renal Pelvis	22	19.4	10	12.0	20.0	7.4
Larynx	11	6.6	1	1.6	9.7	~
Leukemia	22	20.1	21	14.8	20.2	16.1
Liver & Intrahepatic Bile Duct	4	5.7	5	2.6	~	~
Lung & Bronchus	71	79.9	44	62.4	64.7	33.2
Melanoma of the Skin	19	21.9	28	18.8	17.5	22.8
Mesothelioma (all sites)	1	2.8	2	0.6	~	~
Myeloma	4	6.9	5	5.7	~	~
Non-Hodgkin Lymphoma	33	28.0	18	25.2	29.9	12.3
Oral Cavity & Pharynx	13	17.6	14	9.0	11.5	10.0
Ovary	-	-	10	17.5	-	8.7
Pancreas	7	11.1	12	11.1	~	7.2
Prostate	229	207.3	-	-	209.7	-
Soft Tissues incl. Heart	6	3.7	6	3.5	~	~
Stomach	7	9.8	8	6.1	~	~
Testis	9	7.6	-	-	~	-
Thyroid	6	4.3	15	11.3	~	13.9
Urinary Bladder	31	41.9	11	14.7	28.2	7.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-26: Grant County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	138	122.6	108	102.7	622.9	413.9
Brain & Other Nervous System	1	1.5	2	1.1	~	~
Breast	0	0.3	27	32.1	~	108.5
Cervix Uteri	-	-	1	1.1	-	~
Colon & Rectum	18	13.7	19	13.7	81.3	56.4
Corpus & Uterus, NOS	-	-	3	6.2	-	~
Esophagus	1	1.8	0	0.6	~	~
Hodgkin Lymphoma	0	0.6	0	0.4	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	3.6	3	2.2	~	~
Larynx	3	1.3	0	0.3	~	~
Leukemia	4	3.9	5	2.8	~	~
Liver & Intrahepatic Bile Duct	1	1.1	0	0.5	~	~
Lung & Bronchus	17	16.2	13	12.0	72.8	61.1
Melanoma of the Skin	3	3.9	3	3.0	~	~
Mesothelioma (all sites)	1	0.6	1	0.1	~	~
Myeloma	0	1.4	2	1.1	~	~
Non-Hodgkin Lymphoma	5	5.4	5	4.8	~	~
Oral Cavity & Pharynx	6	3.2	1	1.7	~	~
Ovary	-	-	5	3.1	-	~
Pancreas	1	2.2	2	2.2	~	~
Prostate	51	42.3	-	-	227.4	-
Soft Tissues incl. Heart	0	0.6	2	0.6	~	~
Stomach	5	2.0	0	1.2	~	~
Testis	0	0.9	-	-	~	-
Thyroid	1	0.7	1	1.6	~	~
Urinary Bladder	10	8.8	4	2.9	44.9	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-27: Hennepin County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	11988	12144.4	12443	11952.3	554.3	432.5
Brain & Other Nervous System	194	210.1	147	157.6	7.8	5.2
Breast	42	27.6	4281	3961.5	2.0	150.5
Cervix Uteri	-	-	188	196.7	-	6.4
Colon & Rectum	1199	1285.3	1251	1360.7	56.7	41.8
Corpus & Uterus, NOS	-	-	720	749.0	-	25.8
Esophagus	166	172.3	53	54.9	8.0	1.8
Hodgkin Lymphoma	94	97.4	87	78.2	3.3	3.0
Kaposi Sarcoma (all sites)	39	13.0	1	1.1	1.4	~
Kidney & Renal Pelvis	408	394.9	231	252.0	18.2	8.1
Larynx	146	131.3	39	34.1	6.6	1.4
Leukemia	394	404.0	312	305.1	17.9	10.7
Liver & Intrahepatic Bile Duct	145	115.2	63	53.2	6.4	2.2
Lung & Bronchus	1551	1531.0	1461	1287.1	74.0	51.9
Melanoma of the Skin	536	468.8	503	457.4	23.0	17.1
Mesothelioma (all sites)	48	53.0	10	11.8	2.3	0.3
Myeloma	130	133.2	110	115.2	6.2	3.8
Non-Hodgkin Lymphoma	592	566.5	508	522.9	26.9	17.5
Oral Cavity & Pharynx	384	362.5	218	190.7	16.8	7.5
Ovary	-	-	382	383.0	-	13.6
Pancreas	244	217.1	230	221.8	11.4	7.9
Prostate	3605	3936.8	-	-	172.0	-
Soft Tissues incl. Heart	76	82.2	64	78.4	3.1	2.1
Stomach	208	188.5	128	119.7	9.8	4.3
Testis	210	222.9	-	-	6.9	-
Thyroid	105	104.6	279	295.3	4.0	9.5
Urinary Bladder	820	789.1	315	291.1	39.8	10.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-28: Houston County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	242	293.6	231	254.1	464.0	383.1
Brain & Other Nervous System	4	4.3	4	3.1	~	~
Breast	0	0.7	79	82.1	~	136.3
Cervix Uteri	-	-	3	3.5	-	~
Colon & Rectum	37	32.1	27	31.4	69.6	44.6
Corpus & Uterus, NOS	-	-	13	15.7	-	20.6
Esophagus	5	4.2	1	1.3	~	~
Hodgkin Lymphoma	2	1.7	1	1.3	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	3	9.1	5	5.5	~	~
Larynx	3	3.1	1	0.7	~	~
Leukemia	9	9.6	2	6.7	~	~
Liver & Intrahepatic Bile Duct	0	2.7	0	1.2	~	~
Lung & Bronchus	25	38.1	18	28.6	48.2	30.6
Melanoma of the Skin	10	10.2	8	8.4	18.9	~
Mesothelioma (all sites)	2	1.4	0	0.3	~	~
Myeloma	2	3.3	4	2.6	~	~
Non-Hodgkin Lymphoma	14	13.3	12	11.5	27.9	20.3
Oral Cavity & Pharynx	13	8.3	5	4.1	25.1	~
Ovary	-	-	17	7.9	-	30.1
Pancreas	1	5.3	5	5.1	~	~
Prostate	71	98.9	-	-	135.9	-
Soft Tissues incl. Heart	1	1.7	2	1.6	~	~
Stomach	3	4.7	1	2.7	~	~
Testis	1	3.2	-	-	~	-
Thyroid	4	1.9	5	5.0	~	~
Urinary Bladder	15	20.3	4	6.7	28.1	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-29: Hubbard County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	313	333.3	241	253.5	536.2	388.8
Brain & Other Nervous System	2	4.5	3	3.0	~	~
Breast	1	0.7	69	83.5	~	116.4
Cervix Uteri	-	-	4	3.3	-	~
Colon & Rectum	54	35.7	39	29.9	95.7	58.6
Corpus & Uterus, NOS	-	-	9	16.6	-	~
Esophagus	6	4.9	0	1.3	~	~
Hodgkin Lymphoma	2	1.6	1	1.2	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	6	10.3	7	5.5	~	~
Larynx	3	3.7	2	0.8	~	~
Leukemia	13	10.2	2	6.4	25.2	~
Liver & Intrahepatic Bile Duct	1	3.0	0	1.1	~	~
Lung & Bronchus	44	44.5	34	29.9	69.1	52.3
Melanoma of the Skin	7	10.9	13	8.1	~	26.4
Mesothelioma (all sites)	0	1.5	0	0.3	~	~
Myeloma	5	3.7	0	2.6	~	~
Non-Hodgkin Lymphoma	13	14.4	18	11.2	23.1	26.2
Oral Cavity & Pharynx	11	9.1	4	4.0	19.0	~
Ovary	-	-	5	8.0	-	~
Pancreas	7	6.0	5	5.0	~	~
Prostate	97	117.4	-	-	157.5	-
Soft Tissues incl. Heart	5	1.8	2	1.5	~	~
Stomach	6	5.2	0	2.5	~	~
Testis	2	2.8	-	-	~	-
Thyroid	2	2.0	2	4.7	~	~
Urinary Bladder	20	22.5	9	6.5	34.4	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-30: Isanti County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	313	363.8	271	326.7	482.8	345.2
Brain & Other Nervous System	6	6.2	8	4.4	~	~
Breast	1	0.8	87	108.9	~	111.1
Cervix Uteri	-	-	9	5.3	-	~
Colon & Rectum	31	38.9	23	37.1	50.3	28.9
Corpus & Uterus, NOS	-	-	23	20.7	-	30.5
Esophagus	4	5.2	0	1.5	~	~
Hodgkin Lymphoma	2	2.7	1	2.1	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	10	11.7	5	6.8	14.4	~
Larynx	2	4.0	0	0.9	~	~
Leukemia	9	12.1	4	8.4	~	~
Liver & Intrahepatic Bile Duct	6	3.4	3	1.4	~	~
Lung & Bronchus	40	45.9	25	35.0	62.9	33.4
Melanoma of the Skin	15	13.9	8	12.3	22.5	~
Mesothelioma (all sites)	3	1.6	1	0.3	~	~
Myeloma	1	4.0	0	3.1	~	~
Non-Hodgkin Lymphoma	15	16.9	14	14.2	21.7	18.3
Oral Cavity & Pharynx	5	10.9	4	5.2	~	~
Ovary	-	-	10	10.5	-	12.5
Pancreas	4	6.5	6	6.0	~	~
Prostate	105	119.0	-	-	164.7	-
Soft Tissues incl. Heart	3	2.4	3	2.1	~	~
Stomach	4	5.7	3	3.3	~	~
Testis	3	5.8	-	-	~	-
Thyroid	5	2.9	7	7.9	~	~
Urinary Bladder	21	23.9	9	8.0	33.2	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-31: Itasca County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	658	736.5	580	591.2	505.9	410.8
Brain & Other Nervous System	14	10.3	7	7.1	11.3	~
Breast	1	1.6	177	194.4	~	129.2
Cervix Uteri	-	-	13	7.9	-	10.6
Colon & Rectum	75	79.4	82	70.3	58.3	50.9
Corpus & Uterus, NOS	-	-	43	37.9	-	31.2
Esophagus	6	10.8	3	2.9	~	~
Hodgkin Lymphoma	3	3.9	3	3.0	~	~
Kaposi Sarcoma (all sites)	0	0.5	0	0.0	~	~
Kidney & Renal Pelvis	20	23.0	11	12.9	16.8	8.1
Larynx	7	8.1	3	1.8	~	~
Leukemia	18	23.0	13	15.0	15.3	9.6
Liver & Intrahepatic Bile Duct	7	6.7	0	2.7	~	~
Lung & Bronchus	109	97.3	78	68.5	80.1	52.9
Melanoma of the Skin	24	24.8	11	19.2	19.6	7.9
Mesothelioma (all sites)	5	3.4	0	0.6	~	~
Myeloma	6	8.2	5	6.0	~	~
Non-Hodgkin Lymphoma	26	32.4	25	26.4	21.5	17.6
Oral Cavity & Pharynx	25	20.6	8	9.4	19.7	~
Ovary	-	-	17	18.8	-	13.7
Pancreas	10	13.3	12	11.7	7.9	7.9
Prostate	205	254.5	-	-	151.9	-
Soft Tissues incl. Heart	3	4.1	0	3.5	~	~
Stomach	17	11.6	5	6.0	13.9	~
Testis	6	7.0	-	-	~	-
Thyroid	2	4.6	5	11.3	~	~
Urinary Bladder	48	50.0	18	15.1	36.1	12.1

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-32: Jackson County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	171	200.8	129	168.4	469.4	312.7
Brain & Other Nervous System	3	2.7	2	1.9	~	~
Breast	0	0.5	36	53.2	~	88.4
Cervix Uteri	-	-	5	2.0	-	~
Colon & Rectum	22	22.4	15	22.0	59.0	33.8
Corpus & Uterus, NOS	-	-	15	10.3	-	39.1
Esophagus	5	2.9	0	0.9	~	~
Hodgkin Lymphoma	0	1.0	2	0.8	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	3	6.0	1	3.7	~	~
Larynx	0	2.1	0	0.5	~	~
Leukemia	4	6.6	2	4.5	~	~
Liver & Intrahepatic Bile Duct	2	1.8	0	0.8	~	~
Lung & Bronchus	18	26.3	10	19.5	47.7	24.5
Melanoma of the Skin	6	6.6	9	5.1	~	~
Mesothelioma (all sites)	2	1.0	0	0.2	~	~
Myeloma	3	2.3	1	1.8	~	~
Non-Hodgkin Lymphoma	5	9.0	6	7.8	~	~
Oral Cavity & Pharynx	2	5.4	2	2.7	~	~
Ovary	-	-	4	5.1	-	~
Pancreas	4	3.6	3	3.5	~	~
Prostate	64	68.0	-	-	174.6	-
Soft Tissues incl. Heart	0	1.1	1	1.0	~	~
Stomach	2	3.3	1	1.9	~	~
Testis	0	1.9	-	-	~	-
Thyroid	2	1.2	2	2.8	~	~
Urinary Bladder	17	14.4	4	4.7	41.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-33: Kanabec County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	200	221.6	170	174.6	509.2	402.6
Brain & Other Nervous System	4	3.3	2	2.2	~	~
Breast	0	0.5	54	57.8	~	130.2
Cervix Uteri	-	-	2	2.5	-	~
Colon & Rectum	25	23.6	19	20.0	63.9	42.0
Corpus & Uterus, NOS	-	-	19	11.3	-	46.4
Esophagus	2	3.2	1	0.8	~	~
Hodgkin Lymphoma	1	1.3	2	1.0	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	12	7.0	4	3.8	28.5	~
Larynx	3	2.4	0	0.5	~	~
Leukemia	5	7.0	6	4.4	~	~
Liver & Intrahepatic Bile Duct	1	2.0	1	0.8	~	~
Lung & Bronchus	29	29.1	17	20.1	72.2	38.8
Melanoma of the Skin	4	7.7	5	6.0	~	~
Mesothelioma (all sites)	1	1.0	0	0.2	~	~
Myeloma	1	2.5	1	1.7	~	~
Non-Hodgkin Lymphoma	6	9.9	5	7.7	~	~
Oral Cavity & Pharynx	4	6.3	2	2.8	~	~
Ovary	-	-	4	5.6	-	~
Pancreas	5	4.0	3	3.3	~	~
Prostate	70	75.9	-	-	178.3	-
Soft Tissues incl. Heart	3	1.3	2	1.1	~	~
Stomach	1	3.4	2	1.7	~	~
Testis	2	2.5	-	-	~	-
Thyroid	0	1.5	4	3.7	~	~
Urinary Bladder	9	14.8	1	4.3	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-34: Kandiyohi County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	559	580.5	524	510.6	541.3	429.0
Brain & Other Nervous System	8	8.6	3	6.3	~	~
Breast	0	1.3	172	165.6	~	142.1
Cervix Uteri	-	-	7	7.0	-	~
Colon & Rectum	48	63.1	74	62.3	46.9	54.6
Corpus & Uterus, NOS	-	-	29	31.8	-	25.1
Esophagus	9	8.3	3	2.5	~	~
Hodgkin Lymphoma	1	3.5	2	2.8	~	~
Kaposi Sarcoma (all sites)	0	0.5	0	0.1	~	~
Kidney & Renal Pelvis	20	18.0	12	11.0	19.1	9.8
Larynx	3	6.2	0	1.5	~	~
Leukemia	21	19.0	12	13.4	20.4	8.1
Liver & Intrahepatic Bile Duct	3	5.3	2	2.3	~	~
Lung & Bronchus	71	75.3	53	57.4	68.4	44.0
Melanoma of the Skin	13	20.2	23	17.1	13.1	22.2
Mesothelioma (all sites)	2	2.7	2	0.5	~	~
Myeloma	10	6.5	6	5.2	9.9	~
Non-Hodgkin Lymphoma	23	26.2	20	23.0	22.1	14.9
Oral Cavity & Pharynx	15	16.3	6	8.2	14.6	~
Ovary	-	-	12	16.0	-	9.9
Pancreas	7	10.4	12	10.1	~	9.2
Prostate	211	195.2	-	-	203.3	-
Soft Tissues incl. Heart	5	3.4	7	3.2	~	~
Stomach	5	9.3	7	5.4	~	~
Testis	3	6.9	-	-	~	-
Thyroid	5	3.9	17	10.3	~	17.1
Urinary Bladder	43	39.8	8	13.3	41.4	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-35: Kittson County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	93	100.1	74	82.4	547.5	391.7
Brain & Other Nervous System	1	1.3	1	0.9	~	~
Breast	0	0.2	26	26.0	~	138.9
Cervix Uteri	-	-	0	0.9	-	~
Colon & Rectum	14	11.3	10	10.9	76.4	39.5
Corpus & Uterus, NOS	-	-	2	5.0	-	~
Esophagus	0	1.4	0	0.4	~	~
Hodgkin Lymphoma	1	0.5	1	0.4	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	3	3.0	0	1.8	~	~
Larynx	0	1.0	0	0.2	~	~
Leukemia	4	3.3	3	2.3	~	~
Liver & Intrahepatic Bile Duct	1	0.9	0	0.4	~	~
Lung & Bronchus	14	13.1	9	9.6	83.9	~
Melanoma of the Skin	3	3.3	2	2.4	~	~
Mesothelioma (all sites)	0	0.5	0	0.1	~	~
Myeloma	2	1.2	0	0.9	~	~
Non-Hodgkin Lymphoma	6	4.5	3	3.8	~	~
Oral Cavity & Pharynx	3	2.7	2	1.3	~	~
Ovary	-	-	3	2.5	-	~
Pancreas	2	1.8	2	1.7	~	~
Prostate	29	34.1	-	-	171.8	-
Soft Tissues incl. Heart	0	0.5	0	0.5	~	~
Stomach	1	1.7	2	1.0	~	~
Testis	0	0.8	-	-	~	-
Thyroid	0	0.6	2	1.3	~	~
Urinary Bladder	2	7.2	2	2.3	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-36: Koochiching County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	249	240.9	196	205.5	586.6	398.4
Brain & Other Nervous System	3	3.4	2	2.4	~	~
Breast	2	0.5	61	66.8	~	127.0
Cervix Uteri	-	-	6	2.6	-	~
Colon & Rectum	29	26.0	16	25.0	66.2	31.0
Corpus & Uterus, NOS	-	-	13	13.0	-	29.1
Esophagus	3	3.5	2	1.0	~	~
Hodgkin Lymphoma	1	1.3	0	1.0	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	8	7.5	3	4.5	~	~
Larynx	0	2.6	0	0.6	~	~
Leukemia	10	7.6	5	5.3	23.9	~
Liver & Intrahepatic Bile Duct	1	2.2	0	0.9	~	~
Lung & Bronchus	34	31.9	27	24.0	77.0	54.3
Melanoma of the Skin	7	8.1	4	6.5	~	~
Mesothelioma (all sites)	3	1.1	0	0.2	~	~
Myeloma	4	2.7	4	2.1	~	~
Non-Hodgkin Lymphoma	8	10.6	13	9.2	~	21.2
Oral Cavity & Pharynx	11	6.7	5	3.3	28.4	~
Ovary	-	-	3	6.4	-	~
Pancreas	2	4.4	2	4.1	~	~
Prostate	83	83.1	-	-	188.7	-
Soft Tissues incl. Heart	1	1.3	1	1.2	~	~
Stomach	3	3.8	4	2.2	~	~
Testis	4	2.3	-	-	~	-
Thyroid	0	1.5	1	3.7	~	~
Urinary Bladder	15	16.4	7	5.4	37.4	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-37: Lac Qui Parle County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	133	159.8	114	133.1	470.8	380.3
Brain & Other Nervous System	1	2.0	1	1.4	~	~
Breast	0	0.4	30	41.7	~	108.1
Cervix Uteri	-	-	0	1.5	-	~
Colon & Rectum	13	17.9	18	18.0	47.8	44.4
Corpus & Uterus, NOS	-	-	13	8.0	-	52.9
Esophagus	3	2.3	0	0.7	~	~
Hodgkin Lymphoma	0	0.7	1	0.6	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	2	4.7	2	2.9	~	~
Larynx	2	1.7	0	0.4	~	~
Leukemia	9	5.2	3	3.7	~	~
Liver & Intrahepatic Bile Duct	0	1.4	0	0.6	~	~
Lung & Bronchus	17	21.1	10	15.4	59.2	33.1
Melanoma of the Skin	5	5.1	1	3.8	~	~
Mesothelioma (all sites)	2	0.8	0	0.1	~	~
Myeloma	2	1.8	2	1.4	~	~
Non-Hodgkin Lymphoma	5	7.1	5	6.2	~	~
Oral Cavity & Pharynx	7	4.3	4	2.2	~	~
Ovary	-	-	6	4.0	-	~
Pancreas	3	2.9	0	2.9	~	~
Prostate	50	54.7	-	-	169.9	-
Soft Tissues incl. Heart	0	0.8	0	0.8	~	~
Stomach	1	2.7	3	1.6	~	~
Testis	2	1.2	-	-	~	-
Thyroid	0	0.9	5	2.0	~	~
Urinary Bladder	5	11.6	3	3.8	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-38: Lake County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	229	215.1	167	163.3	596.7	418.1
Brain & Other Nervous System	3	2.8	3	1.9	~	~
Breast	0	0.5	56	53.0	~	140.7
Cervix Uteri	-	-	2	2.0	-	~
Colon & Rectum	29	23.1	24	19.9	75.9	51.6
Corpus & Uterus, NOS	-	-	13	10.4	-	31.2
Esophagus	2	3.2	1	0.8	~	~
Hodgkin Lymphoma	0	1.0	1	0.8	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	3	6.6	3	3.6	~	~
Larynx	4	2.4	1	0.5	~	~
Leukemia	5	6.6	2	4.2	~	~
Liver & Intrahepatic Bile Duct	2	1.9	0	0.7	~	~
Lung & Bronchus	42	28.9	22	19.3	105.4	51.7
Melanoma of the Skin	13	7.0	5	5.1	35.7	~
Mesothelioma (all sites)	1	1.0	0	0.2	~	~
Myeloma	1	2.4	1	1.7	~	~
Non-Hodgkin Lymphoma	9	9.3	3	7.3	~	~
Oral Cavity & Pharynx	10	5.8	5	2.6	26.6	~
Ovary	-	-	3	5.1	-	~
Pancreas	0	3.9	3	3.3	~	~
Prostate	69	75.5	-	-	172.3	-
Soft Tissues incl. Heart	1	1.1	1	1.0	~	~
Stomach	4	3.4	1	1.7	~	~
Testis	1	1.8	-	-	~	-
Thyroid	1	1.2	3	2.9	~	~
Urinary Bladder	17	14.7	3	4.3	47.1	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-39: Lake of the Woods County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	66	79.0	57	61.6	464.8	392.0
Brain & Other Nervous System	1	1.1	1	0.7	~	~
Breast	0	0.2	21	20.2	~	147.0
Cervix Uteri	-	-	0	0.8	-	~
Colon & Rectum	8	8.7	4	7.4	~	~
Corpus & Uterus, NOS	-	-	5	3.9	-	~
Esophagus	1	1.1	0	0.3	~	~
Hodgkin Lymphoma	0	0.4	1	0.3	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	1	2.4	2	1.3	~	~
Larynx	1	0.9	0	0.2	~	~
Leukemia	1	2.5	1	1.6	~	~
Liver & Intrahepatic Bile Duct	0	0.7	0	0.3	~	~
Lung & Bronchus	12	10.3	6	7.2	81.4	~
Melanoma of the Skin	0	2.7	1	2.0	~	~
Mesothelioma (all sites)	1	0.4	0	0.1	~	~
Myeloma	2	0.9	1	0.6	~	~
Non-Hodgkin Lymphoma	0	3.5	3	2.8	~	~
Oral Cavity & Pharynx	1	2.2	2	1.0	~	~
Ovary	-	-	2	1.9	-	~
Pancreas	0	1.4	2	1.2	~	~
Prostate	27	27.0	-	-	195.4	-
Soft Tissues incl. Heart	0	0.4	1	0.4	~	~
Stomach	0	1.3	0	0.6	~	~
Testis	0	0.7	-	-	~	-
Thyroid	0	0.5	0	1.1	~	~
Urinary Bladder	5	5.5	3	1.6	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-40: Le Sueur County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	360	356.2	265	306.2	568.0	363.4
Brain & Other Nervous System	5	5.4	5	3.8	~	~
Breast	0	0.8	90	100.0	~	128.2
Cervix Uteri	-	-	2	4.3	-	~
Colon & Rectum	36	38.4	35	36.7	56.9	43.1
Corpus & Uterus, NOS	-	-	22	19.3	-	28.9
Esophagus	4	5.1	0	1.5	~	~
Hodgkin Lymphoma	3	2.2	2	1.7	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	5	11.2	9	6.6	~	~
Larynx	5	3.9	1	0.9	~	~
Leukemia	14	11.5	5	8.0	22.0	~
Liver & Intrahepatic Bile Duct	5	3.3	1	1.4	~	~
Lung & Bronchus	56	46.1	31	34.3	87.9	43.5
Melanoma of the Skin	12	12.7	4	10.4	19.4	~
Mesothelioma (all sites)	1	1.6	0	0.3	~	~
Myeloma	3	4.0	3	3.1	~	~
Non-Hodgkin Lymphoma	25	16.1	8	13.7	38.3	~
Oral Cavity & Pharynx	12	10.2	3	4.9	18.1	~
Ovary	-	-	6	9.6	-	~
Pancreas	3	6.4	3	6.0	~	~
Prostate	107	119.8	-	-	168.6	-
Soft Tissues incl. Heart	1	2.1	1	1.9	~	~
Stomach	7	5.6	4	3.2	~	~
Testis	8	4.4	-	-	~	-
Thyroid	4	2.5	5	6.3	~	~
Urinary Bladder	20	24.0	5	7.8	32.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-41: Lincoln County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	115	133.1	94	110.4	492.9	374.7
Brain & Other Nervous System	0	1.6	1	1.2	~	~
Breast	0	0.3	36	34.1	~	137.4
Cervix Uteri	-	-	1	1.2	-	~
Colon & Rectum	14	14.9	13	15.1	62.7	42.2
Corpus & Uterus, NOS	-	-	5	6.7	-	~
Esophagus	2	1.9	0	0.6	~	~
Hodgkin Lymphoma	0	0.6	2	0.5	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	6	3.9	2	2.4	~	~
Larynx	1	1.4	0	0.3	~	~
Leukemia	3	4.3	4	3.1	~	~
Liver & Intrahepatic Bile Duct	1	1.1	1	0.5	~	~
Lung & Bronchus	15	17.7	8	12.9	66.0	~
Melanoma of the Skin	0	4.2	0	3.1	~	~
Mesothelioma (all sites)	0	0.6	0	0.1	~	~
Myeloma	2	1.5	1	1.2	~	~
Non-Hodgkin Lymphoma	4	5.9	4	5.2	~	~
Oral Cavity & Pharynx	4	3.5	1	1.8	~	~
Ovary	-	-	1	3.3	-	~
Pancreas	2	2.4	3	2.4	~	~
Prostate	44	45.9	-	-	173.2	-
Soft Tissues incl. Heart	3	0.7	1	0.6	~	~
Stomach	3	2.2	2	1.3	~	~
Testis	1	1.0	-	-	~	-
Thyroid	0	0.7	2	1.6	~	~
Urinary Bladder	5	9.7	0	3.2	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-42: Lyon County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	330	330.4	282	304.8	562.6	387.3
Brain & Other Nervous System	5	5.0	5	3.7	~	~
Breast	0	0.8	81	96.7	~	109.8
Cervix Uteri	-	-	11	4.1	-	18.0
Colon & Rectum	45	36.2	45	38.6	76.5	57.6
Corpus & Uterus, NOS	-	-	19	18.4	-	29.6
Esophagus	6	4.7	0	1.5	~	~
Hodgkin Lymphoma	0	2.1	1	1.8	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	15	10.2	4	6.5	26.3	~
Larynx	2	3.5	1	0.8	~	~
Leukemia	16	11.1	6	8.3	25.4	~
Liver & Intrahepatic Bile Duct	0	3.0	0	1.4	~	~
Lung & Bronchus	43	42.4	25	33.8	74.3	38.2
Melanoma of the Skin	13	11.6	7	10.3	22.0	~
Mesothelioma (all sites)	0	1.5	0	0.3	~	~
Myeloma	6	3.7	2	3.1	~	~
Non-Hodgkin Lymphoma	14	15.1	19	14.0	23.5	22.9
Oral Cavity & Pharynx	6	9.2	5	4.9	~	~
Ovary	-	-	10	9.4	-	15.2
Pancreas	6	5.9	5	6.1	~	~
Prostate	95	109.6	-	-	163.7	-
Soft Tissues incl. Heart	4	2.0	0	2.0	~	~
Stomach	1	5.4	6	3.4	~	~
Testis	5	4.4	-	-	~	-
Thyroid	5	2.3	7	6.2	~	~
Urinary Bladder	24	22.9	5	8.2	41.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-43: McLeod County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	433	452.2	387	419.0	537.9	378.0
Brain & Other Nervous System	9	7.1	6	5.3	~	~
Breast	2	1.0	108	135.3	~	109.2
Cervix Uteri	-	-	10	6.0	-	10.9
Colon & Rectum	59	48.8	66	51.0	73.2	58.7
Corpus & Uterus, NOS	-	-	23	26.0	-	24.3
Esophagus	2	6.5	2	2.1	~	~
Hodgkin Lymphoma	3	3.0	2	2.4	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	12	14.2	9	9.0	14.8	~
Larynx	6	4.8	0	1.2	~	~
Leukemia	14	15.0	8	11.1	17.7	~
Liver & Intrahepatic Bile Duct	2	4.1	1	1.9	~	~
Lung & Bronchus	43	58.0	33	47.0	53.8	33.3
Melanoma of the Skin	21	16.2	14	14.3	25.3	15.6
Mesothelioma (all sites)	1	2.1	0	0.4	~	~
Myeloma	4	5.0	3	4.3	~	~
Non-Hodgkin Lymphoma	24	20.7	21	18.9	29.5	19.6
Oral Cavity & Pharynx	12	12.9	5	6.7	15.0	~
Ovary	-	-	19	13.1	-	18.8
Pancreas	5	8.1	9	8.3	~	~
Prostate	140	150.4	-	-	175.4	-
Soft Tissues incl. Heart	6	2.8	1	2.6	~	~
Stomach	9	7.2	4	4.5	~	~
Testis	5	6.3	-	-	~	-
Thyroid	1	3.3	10	8.7	~	11.5
Urinary Bladder	33	30.6	10	10.9	41.0	8.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-44: Mahnommen County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	109	83.2	81	67.6	746.2	525.1
Brain & Other Nervous System	1	1.2	2	0.8	~	~
Breast	0	0.2	25	21.8	~	165.0
Cervix Uteri	-	-	3	0.9	-	~
Colon & Rectum	7	9.1	11	8.4	~	59.8
Corpus & Uterus, NOS	-	-	3	4.3	-	~
Esophagus	1	1.2	1	0.3	~	~
Hodgkin Lymphoma	0	0.4	0	0.3	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	3	2.5	0	1.5	~	~
Larynx	2	0.9	0	0.2	~	~
Leukemia	4	2.7	5	1.8	~	~
Liver & Intrahepatic Bile Duct	4	0.7	0	0.3	~	~
Lung & Bronchus	12	10.9	11	7.7	80.2	70.8
Melanoma of the Skin	1	2.8	1	2.1	~	~
Mesothelioma (all sites)	2	0.4	0	0.1	~	~
Myeloma	1	0.9	0	0.7	~	~
Non-Hodgkin Lymphoma	4	3.7	8	3.1	~	~
Oral Cavity & Pharynx	9	2.3	0	1.1	~	~
Ovary	-	-	3	2.1	-	~
Pancreas	2	1.5	1	1.4	~	~
Prostate	39	28.6	-	-	254.4	-
Soft Tissues incl. Heart	0	0.5	0	0.4	~	~
Stomach	3	1.3	0	0.7	~	~
Testis	2	0.8	-	-	~	-
Thyroid	2	0.5	0	1.2	~	~
Urinary Bladder	8	5.7	4	1.8	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-45: Marshall County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	173	178.9	122	142.8	543.8	355.4
Brain & Other Nervous System	2	2.4	4	1.7	~	~
Breast	0	0.4	45	46.0	~	134.4
Cervix Uteri	-	-	3	1.8	-	~
Colon & Rectum	20	19.5	13	17.7	63.6	31.5
Corpus & Uterus, NOS	-	-	4	9.0	-	~
Esophagus	6	2.6	0	0.7	~	~
Hodgkin Lymphoma	1	0.9	0	0.7	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	1	5.5	0	3.1	~	~
Larynx	3	1.9	0	0.4	~	~
Leukemia	10	5.7	3	3.7	30.8	~
Liver & Intrahepatic Bile Duct	1	1.6	0	0.7	~	~
Lung & Bronchus	19	23.7	14	16.8	58.2	39.6
Melanoma of the Skin	2	5.9	2	4.4	~	~
Mesothelioma (all sites)	0	0.8	0	0.2	~	~
Myeloma	2	2.0	1	1.5	~	~
Non-Hodgkin Lymphoma	6	8.0	4	6.5	~	~
Oral Cavity & Pharynx	5	4.9	0	2.3	~	~
Ovary	-	-	6	4.4	-	~
Pancreas	4	3.2	2	2.9	~	~
Prostate	60	61.3	-	-	183.9	-
Soft Tissues incl. Heart	0	1.0	1	0.8	~	~
Stomach	8	2.9	4	1.5	~	~
Testis	3	1.7	-	-	~	-
Thyroid	0	1.1	4	2.5	~	~
Urinary Bladder	10	12.5	2	3.8	30.6	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-46: Martin County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	379	364.9	323	338.8	583.0	388.7
Brain & Other Nervous System	3	5.0	5	3.8	~	~
Breast	1	0.9	95	107.1	~	121.5
Cervix Uteri	-	-	3	4.0	-	~
Colon & Rectum	35	40.1	51	44.4	53.0	54.3
Corpus & Uterus, NOS	-	-	20	20.6	-	26.4
Esophagus	5	5.3	0	1.8	~	~
Hodgkin Lymphoma	2	1.9	2	1.5	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	12	11.2	6	7.4	18.8	~
Larynx	3	3.9	0	0.9	~	~
Leukemia	14	11.8	12	9.1	22.8	13.9
Liver & Intrahepatic Bile Duct	3	3.3	2	1.6	~	~
Lung & Bronchus	54	47.9	29	39.0	81.5	33.0
Melanoma of the Skin	20	12.2	15	10.2	31.5	19.5
Mesothelioma (all sites)	2	1.7	0	0.4	~	~
Myeloma	1	4.1	0	3.6	~	~
Non-Hodgkin Lymphoma	7	16.3	10	15.7	~	11.3
Oral Cavity & Pharynx	12	10.0	5	5.5	18.7	~
Ovary	-	-	15	10.3	-	19.0
Pancreas	7	6.6	3	7.1	~	~
Prostate	132	124.4	-	-	200.5	-
Soft Tissues incl. Heart	3	2.0	2	2.0	~	~
Stomach	4	5.9	6	3.9	~	~
Testis	4	3.4	-	-	~	-
Thyroid	1	2.2	6	5.6	~	~
Urinary Bladder	30	25.6	10	9.4	45.1	9.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-47: Meeker County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	311	341.8	231	293.5	511.0	328.4
Brain & Other Nervous System	5	5.0	4	3.5	~	~
Breast	0	0.8	66	94.4	~	95.8
Cervix Uteri	-	-	2	3.9	-	~
Colon & Rectum	35	37.1	32	36.8	58.0	37.8
Corpus & Uterus, NOS	-	-	10	18.2	-	14.7
Esophagus	3	4.9	1	1.5	~	~
Hodgkin Lymphoma	0	2.0	1	1.5	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	10	10.6	5	6.3	16.2	~
Larynx	2	3.7	0	0.8	~	~
Leukemia	13	11.1	7	7.8	22.6	~
Liver & Intrahepatic Bile Duct	1	3.1	2	1.3	~	~
Lung & Bronchus	49	44.5	27	33.0	78.8	37.2
Melanoma of the Skin	6	11.8	11	9.5	~	18.0
Mesothelioma (all sites)	0	1.6	1	0.3	~	~
Myeloma	2	3.8	6	3.0	~	~
Non-Hodgkin Lymphoma	10	15.3	10	13.3	16.3	12.9
Oral Cavity & Pharynx	7	9.6	1	4.7	~	~
Ovary	-	-	9	9.1	-	~
Pancreas	5	6.1	10	5.9	~	13.5
Prostate	104	115.8	-	-	168.7	-
Soft Tissues incl. Heart	5	2.0	0	1.8	~	~
Stomach	8	5.5	3	3.2	~	~
Testis	4	3.8	-	-	~	-
Thyroid	3	2.2	9	5.6	~	~
Urinary Bladder	24	23.4	3	7.8	39.1	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-48: Mille Lacs County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	451	337.8	307	291.7	749.9	437.1
Brain & Other Nervous System	4	4.9	4	3.5	~	~
Breast	1	0.8	102	94.1	~	152.8
Cervix Uteri	-	-	3	3.9	-	~
Colon & Rectum	48	36.5	36	35.9	78.8	48.2
Corpus & Uterus, NOS	-	-	29	18.2	-	42.1
Esophagus	8	4.9	3	1.5	~	~
Hodgkin Lymphoma	3	2.0	1	1.5	~	~
Kaposi Sarcoma (all sites)	1	0.3	0	0.0	~	~
Kidney & Renal Pelvis	13	10.4	6	6.3	21.5	~
Larynx	4	3.6	1	0.9	~	~
Leukemia	9	10.9	6	7.7	~	~
Liver & Intrahepatic Bile Duct	1	3.0	0	1.3	~	~
Lung & Bronchus	50	44.2	35	33.3	82.0	49.7
Melanoma of the Skin	11	11.5	12	9.5	19.2	18.5
Mesothelioma (all sites)	2	1.6	3	0.3	~	~
Myeloma	2	3.8	2	3.0	~	~
Non-Hodgkin Lymphoma	16	15.1	10	13.1	27.4	15.2
Oral Cavity & Pharynx	13	9.3	4	4.7	22.9	~
Ovary	-	-	7	9.1	-	~
Pancreas	9	6.1	5	5.8	~	~
Prostate	182	115.2	-	-	297.3	-
Soft Tissues incl. Heart	2	1.9	1	1.8	~	~
Stomach	8	5.4	2	3.1	~	~
Testis	5	3.8	-	-	~	-
Thyroid	0	2.2	6	5.6	~	~
Urinary Bladder	42	23.1	10	7.7	68.5	10.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-49: Morrison County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	530	462.1	377	393.8	642.0	398.5
Brain & Other Nervous System	12	6.8	4	4.8	15.2	~
Breast	1	1.0	104	126.8	~	109.8
Cervix Uteri	-	-	7	5.3	-	~
Colon & Rectum	63	49.8	48	48.4	77.6	42.1
Corpus & Uterus, NOS	-	-	27	24.5	-	31.8
Esophagus	6	6.7	3	2.0	~	~
Hodgkin Lymphoma	2	2.8	1	2.1	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	20	14.3	8	8.6	24.9	~
Larynx	4	5.0	2	1.1	~	~
Leukemia	16	15.0	13	10.4	20.0	12.9
Liver & Intrahepatic Bile Duct	0	4.2	2	1.8	~	~
Lung & Bronchus	62	60.4	38	45.0	73.0	38.3
Melanoma of the Skin	12	15.9	16	13.0	14.9	19.8
Mesothelioma (all sites)	3	2.1	0	0.4	~	~
Myeloma	7	5.2	2	4.0	~	~
Non-Hodgkin Lymphoma	21	20.7	19	17.8	25.4	20.5
Oral Cavity & Pharynx	16	12.8	3	6.3	19.5	~
Ovary	-	-	18	12.3	-	19.8
Pancreas	6	8.3	9	7.9	~	~
Prostate	201	156.7	-	-	238.5	-
Soft Tissues incl. Heart	4	2.7	3	2.4	~	~
Stomach	9	7.3	9	4.2	~	~
Testis	5	5.4	-	-	~	-
Thyroid	3	3.1	11	7.7	~	15.3
Urinary Bladder	34	31.5	4	10.3	41.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-50: Mower County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	681	631.6	588	571.2	606.3	438.3
Brain & Other Nervous System	9	8.6	2	6.5	~	~
Breast	1	1.5	171	179.2	~	133.0
Cervix Uteri	-	-	10	6.8	-	9.9
Colon & Rectum	69	69.3	80	74.5	62.4	52.5
Corpus & Uterus, NOS	-	-	37	34.8	-	28.3
Esophagus	6	9.1	3	3.0	~	~
Hodgkin Lymphoma	2	3.4	4	2.7	~	~
Kaposi Sarcoma (all sites)	1	0.5	0	0.1	~	~
Kidney & Renal Pelvis	21	19.2	17	12.5	19.1	12.2
Larynx	5	6.6	1	1.6	~	~
Leukemia	17	20.6	16	15.4	15.7	10.1
Liver & Intrahepatic Bile Duct	4	5.6	0	2.7	~	~
Lung & Bronchus	108	83.1	79	66.5	95.3	56.8
Melanoma of the Skin	19	20.9	29	17.4	17.6	26.0
Mesothelioma (all sites)	2	3.0	1	0.6	~	~
Myeloma	8	7.1	3	6.1	~	~
Non-Hodgkin Lymphoma	28	28.2	32	26.5	25.4	23.8
Oral Cavity & Pharynx	19	17.1	7	9.3	17.9	~
Ovary	-	-	10	17.4	-	8.3
Pancreas	13	11.4	10	12.0	11.6	6.2
Prostate	248	215.0	-	-	215.9	-
Soft Tissues incl. Heart	0	3.5	2	3.4	~	~
Stomach	12	10.3	2	6.5	11.4	~
Testis	5	6.3	-	-	~	-
Thyroid	1	3.9	13	9.7	~	13.4
Urinary Bladder	54	44.4	13	15.8	46.6	7.5

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-51: Murray County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	154	172.8	121	142.9	503.0	339.3
Brain & Other Nervous System	3	2.3	4	1.6	~	~
Breast	0	0.4	39	45.4	~	121.7
Cervix Uteri	-	-	1	1.7	-	~
Colon & Rectum	30	19.0	18	18.4	108.3	40.4
Corpus & Uterus, NOS	-	-	10	8.9	-	31.9
Esophagus	3	2.5	0	0.8	~	~
Hodgkin Lymphoma	1	0.8	0	0.6	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	3	5.2	6	3.1	~	~
Larynx	2	1.8	0	0.4	~	~
Leukemia	7	5.5	4	3.8	~	~
Liver & Intrahepatic Bile Duct	0	1.5	0	0.7	~	~
Lung & Bronchus	25	22.9	6	16.8	78.6	~
Melanoma of the Skin	4	5.6	5	4.2	~	~
Mesothelioma (all sites)	0	0.8	1	0.2	~	~
Myeloma	1	2.0	0	1.5	~	~
Non-Hodgkin Lymphoma	1	7.6	5	6.6	~	~
Oral Cavity & Pharynx	5	4.7	1	2.3	~	~
Ovary	-	-	3	4.4	-	~
Pancreas	2	3.1	3	3.0	~	~
Prostate	48	59.7	-	-	147.6	-
Soft Tissues incl. Heart	1	0.9	0	0.8	~	~
Stomach	1	2.8	1	1.6	~	~
Testis	0	1.4	-	-	~	-
Thyroid	0	1.0	3	2.3	~	~
Urinary Bladder	12	12.2	4	3.9	38.1	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-52: Nicollet County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	324	331.4	298	299.7	548.9	415.0
Brain & Other Nervous System	5	5.6	5	4.0	~	~
Breast	0	0.7	98	98.9	~	137.4
Cervix Uteri	-	-	6	4.7	-	~
Colon & Rectum	31	35.2	37	33.9	56.6	49.8
Corpus & Uterus, NOS	-	-	22	18.8	-	31.5
Esophagus	4	4.7	2	1.4	~	~
Hodgkin Lymphoma	2	2.6	4	2.1	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	15	10.7	8	6.3	20.9	~
Larynx	4	3.6	0	0.9	~	~
Leukemia	11	11.0	9	7.7	18.9	~
Liver & Intrahepatic Bile Duct	3	3.1	2	1.3	~	~
Lung & Bronchus	45	42.0	27	32.6	75.5	38.0
Melanoma of the Skin	15	12.5	13	11.3	23.0	18.5
Mesothelioma (all sites)	1	1.5	0	0.3	~	~
Myeloma	1	3.7	3	2.9	~	~
Non-Hodgkin Lymphoma	19	15.3	9	13.2	31.5	~
Oral Cavity & Pharynx	13	9.8	7	4.8	20.9	~
Ovary	-	-	8	9.7	-	~
Pancreas	2	5.9	2	5.6	~	~
Prostate	88	108.8	-	-	153.3	-
Soft Tissues incl. Heart	1	2.2	1	2.0	~	~
Stomach	5	5.1	4	3.0	~	~
Testis	9	5.5	-	-	~	-
Thyroid	4	2.7	5	7.3	~	~
Urinary Bladder	32	21.6	7	7.3	59.2	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-53: Nobles County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	309	315.6	262	283.7	548.7	377.8
Brain & Other Nervous System	4	4.5	3	3.3	~	~
Breast	0	0.7	85	90.0	~	121.8
Cervix Uteri	-	-	1	3.5	-	~
Colon & Rectum	44	34.4	44	36.4	77.8	56.5
Corpus & Uterus, NOS	-	-	25	17.4	-	39.6
Esophagus	1	4.5	1	1.5	~	~
Hodgkin Lymphoma	0	1.8	2	1.4	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	12	9.7	9	6.1	22.0	~
Larynx	6	3.3	0	0.8	~	~
Leukemia	13	10.3	3	7.7	22.6	~
Liver & Intrahepatic Bile Duct	2	2.8	1	1.3	~	~
Lung & Bronchus	34	41.2	16	32.3	59.9	24.6
Melanoma of the Skin	10	10.7	16	8.9	17.8	28.0
Mesothelioma (all sites)	0	1.5	0	0.3	~	~
Myeloma	2	3.5	3	3.0	~	~
Non-Hodgkin Lymphoma	15	14.2	10	13.0	27.3	11.8
Oral Cavity & Pharynx	8	8.7	5	4.6	~	~
Ovary	-	-	8	8.7	-	~
Pancreas	5	5.7	2	5.9	~	~
Prostate	105	106.9	-	-	184.4	-
Soft Tissues incl. Heart	2	1.8	2	1.7	~	~
Stomach	6	5.1	0	3.2	~	~
Testis	3	3.5	-	-	~	-
Thyroid	4	2.0	5	5.1	~	~
Urinary Bladder	14	21.9	7	7.8	24.7	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-54: Norman County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	143	137.1	124	113.3	582.4	445.3
Brain & Other Nervous System	1	1.8	3	1.3	~	~
Breast	0	0.3	34	35.8	~	140.0
Cervix Uteri	-	-	3	1.3	-	~
Colon & Rectum	16	15.1	18	14.8	67.1	49.1
Corpus & Uterus, NOS	-	-	9	7.0	-	~
Esophagus	3	2.0	1	0.6	~	~
Hodgkin Lymphoma	0	0.7	1	0.5	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	3	4.1	3	2.5	~	~
Larynx	1	1.4	0	0.3	~	~
Leukemia	7	4.4	7	3.0	~	~
Liver & Intrahepatic Bile Duct	1	1.2	2	0.5	~	~
Lung & Bronchus	19	18.2	11	13.2	75.8	38.6
Melanoma of the Skin	2	4.4	1	3.4	~	~
Mesothelioma (all sites)	0	0.7	0	0.1	~	~
Myeloma	1	1.6	3	1.2	~	~
Non-Hodgkin Lymphoma	5	6.0	5	5.2	~	~
Oral Cavity & Pharynx	3	3.7	1	1.8	~	~
Ovary	-	-	2	3.4	-	~
Pancreas	5	2.5	3	2.4	~	~
Prostate	59	47.3	-	-	231.9	-
Soft Tissues incl. Heart	0	0.7	1	0.7	~	~
Stomach	1	2.2	0	1.3	~	~
Testis	1	1.1	-	-	~	-
Thyroid	2	0.8	1	1.9	~	~
Urinary Bladder	7	9.7	4	3.1	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-55: Olmsted County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	1509	1385.9	1320	1318.5	600.5	415.8
Brain & Other Nervous System	35	23.7	14	17.5	12.2	4.3
Breast	1	3.1	440	438.8	~	141.4
Cervix Uteri	-	-	16	21.7	-	4.8
Colon & Rectum	117	146.4	137	149.4	48.5	40.7
Corpus & Uterus, NOS	-	-	71	83.0	-	23.0
Esophagus	28	19.8	8	6.1	10.8	~
Hodgkin Lymphoma	13	10.5	6	8.6	4.1	~
Kaposi Sarcoma (all sites)	2	1.4	0	0.1	~	~
Kidney & Renal Pelvis	66	45.0	32	27.7	25.7	10.6
Larynx	15	15.1	4	3.8	5.6	~
Leukemia	54	45.9	40	33.8	21.8	12.3
Liver & Intrahepatic Bile Duct	32	13.0	3	5.8	11.5	~
Lung & Bronchus	185	175.7	131	141.6	77.7	43.2
Melanoma of the Skin	65	52.6	62	50.2	24.0	19.2
Mesothelioma (all sites)	5	6.1	1	1.3	~	~
Myeloma	20	15.2	11	12.7	8.0	3.3
Non-Hodgkin Lymphoma	86	64.0	62	57.4	33.9	19.0
Oral Cavity & Pharynx	40	41.0	25	21.0	15.0	8.0
Ovary	-	-	42	42.2	-	13.2
Pancreas	34	24.7	29	24.4	14.7	9.3
Prostate	479	455.2	-	-	193.0	-
Soft Tissues incl. Heart	10	9.2	12	8.7	3.1	3.7
Stomach	14	21.4	9	13.2	6.0	~
Testis	23	23.3	-	-	7.0	-
Thyroid	23	11.5	55	32.3	7.6	16.6
Urinary Bladder	96	89.9	34	32.1	41.2	10.5

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-56: Otter Tail County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	1059	1005.8	696	826.2	586.2	350.3
Brain & Other Nervous System	17	13.5	10	9.5	10.1	5.8
Breast	2	2.3	209	266.1	~	109.1
Cervix Uteri	-	-	11	10.2	-	7.1
Colon & Rectum	119	110.1	98	103.4	65.2	43.7
Corpus & Uterus, NOS	-	-	54	52.0	-	28.6
Esophagus	12	14.6	4	4.3	6.6	~
Hodgkin Lymphoma	6	5.1	4	3.9	~	~
Kaposi Sarcoma (all sites)	0	0.7	0	0.1	~	~
Kidney & Renal Pelvis	30	30.5	12	17.9	16.8	6.8
Larynx	5	10.8	6	2.4	~	~
Leukemia	32	32.0	13	21.7	18.8	6.7
Liver & Intrahepatic Bile Duct	10	8.9	6	3.8	5.5	~
Lung & Bronchus	117	132.6	64	95.9	64.7	31.1
Melanoma of the Skin	26	33.2	27	25.5	15.1	17.0
Mesothelioma (all sites)	5	4.7	0	0.9	~	~
Myeloma	8	11.3	9	8.6	~	~
Non-Hodgkin Lymphoma	38	44.3	28	37.4	22.3	13.5
Oral Cavity & Pharynx	25	27.5	11	13.3	13.7	4.7
Ovary	-	-	23	25.6	-	11.5
Pancreas	15	18.1	20	16.9	8.1	10.0
Prostate	443	347.1	-	-	239.9	-
Soft Tissues incl. Heart	4	5.5	1	4.9	~	~
Stomach	17	16.2	3	9.0	9.3	~
Testis	6	9.0	-	-	~	-
Thyroid	6	6.0	6	14.4	~	~
Urinary Bladder	70	70.0	27	22.2	38.1	12.3

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-57: Pennington County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	164	193.1	186	179.4	474.0	442.3
Brain & Other Nervous System	6	2.8	4	2.1	~	~
Breast	0	0.5	59	57.6	~	143.5
Cervix Uteri	-	-	2	2.4	-	~
Colon & Rectum	22	21.1	29	22.5	61.2	61.7
Corpus & Uterus, NOS	-	-	18	11.1	-	42.6
Esophagus	2	2.8	0	0.9	~	~
Hodgkin Lymphoma	0	1.2	2	1.0	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	4	6.0	7	3.8	~	~
Larynx	2	2.0	0	0.5	~	~
Leukemia	7	6.4	7	4.8	~	~
Liver & Intrahepatic Bile Duct	1	1.7	1	0.8	~	~
Lung & Bronchus	18	24.9	13	20.2	53.4	31.7
Melanoma of the Skin	6	6.7	4	5.8	~	~
Mesothelioma (all sites)	0	0.9	0	0.2	~	~
Myeloma	5	2.2	0	1.9	~	~
Non-Hodgkin Lymphoma	7	8.8	4	8.2	~	~
Oral Cavity & Pharynx	6	5.4	4	2.9	~	~
Ovary	-	-	6	5.6	-	~
Pancreas	5	3.5	6	3.6	~	~
Prostate	44	64.6	-	-	127.9	-
Soft Tissues incl. Heart	0	1.1	1	1.1	~	~
Stomach	1	3.1	1	2.0	~	~
Testis	1	2.4	-	-	~	-
Thyroid	1	1.3	5	3.4	~	~
Urinary Bladder	14	13.3	3	4.8	40.0	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-58: Pine County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	425	408.0	298	321.2	588.2	381.1
Brain & Other Nervous System	8	6.1	3	4.0	~	~
Breast	2	0.9	78	105.5	~	99.9
Cervix Uteri	-	-	0	4.4	-	~
Colon & Rectum	39	43.3	43	37.8	56.4	54.4
Corpus & Uterus, NOS	-	-	21	20.7	-	26.8
Esophagus	6	5.9	1	1.6	~	~
Hodgkin Lymphoma	4	2.5	0	1.7	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	13	12.8	9	7.0	18.1	~
Larynx	6	4.5	1	1.0	~	~
Leukemia	15	12.8	9	8.2	21.0	~
Liver & Intrahepatic Bile Duct	3	3.7	4	1.4	~	~
Lung & Bronchus	75	53.6	50	37.1	98.5	62.7
Melanoma of the Skin	13	14.2	9	10.7	17.6	~
Mesothelioma (all sites)	4	1.9	0	0.3	~	~
Myeloma	6	4.5	2	3.2	~	~
Non-Hodgkin Lymphoma	19	18.0	9	14.2	27.1	~
Oral Cavity & Pharynx	6	11.4	4	5.1	~	~
Ovary	-	-	10	10.2	-	13.3
Pancreas	5	7.3	7	6.3	~	~
Prostate	136	140.3	-	-	190.7	-
Soft Tissues incl. Heart	0	2.4	2	2.0	~	~
Stomach	9	6.3	1	3.2	~	~
Testis	5	4.9	-	-	~	-
Thyroid	1	2.8	3	6.4	~	~
Urinary Bladder	28	27.1	11	8.2	40.6	13.5

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-59: Pipestone County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	162	169.8	149	156.9	528.4	396.8
Brain & Other Nervous System	4	2.2	4	1.7	~	~
Breast	0	0.4	47	49.0	~	131.0
Cervix Uteri	-	-	2	1.8	-	~
Colon & Rectum	17	18.9	30	20.9	53.7	67.9
Corpus & Uterus, NOS	-	-	8	9.5	-	~
Esophagus	1	2.4	0	0.9	~	~
Hodgkin Lymphoma	0	0.8	2	0.7	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	9	5.1	3	3.4	~	~
Larynx	2	1.8	0	0.4	~	~
Leukemia	7	5.6	3	4.3	~	~
Liver & Intrahepatic Bile Duct	1	1.5	1	0.7	~	~
Lung & Bronchus	16	22.3	8	18.1	50.6	~
Melanoma of the Skin	1	5.5	3	4.6	~	~
Mesothelioma (all sites)	3	0.8	0	0.2	~	~
Myeloma	1	1.9	1	1.7	~	~
Non-Hodgkin Lymphoma	6	7.6	9	7.3	~	~
Oral Cavity & Pharynx	3	4.5	1	2.5	~	~
Ovary	-	-	3	4.7	-	~
Pancreas	4	3.1	5	3.4	~	~
Prostate	65	57.9	-	-	205.1	-
Soft Tissues incl. Heart	0	0.9	0	0.9	~	~
Stomach	2	2.8	3	1.8	~	~
Testis	2	1.5	-	-	~	-
Thyroid	0	1.0	4	2.5	~	~
Urinary Bladder	10	12.2	4	4.4	29.6	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-60: Polk County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	505	479.5	415	427.2	592.3	417.1
Brain & Other Nervous System	5	6.8	5	5.0	~	~
Breast	1	1.1	130	135.8	~	128.9
Cervix Uteri	-	-	10	5.4	-	13.8
Colon & Rectum	92	52.7	55	54.9	106.9	48.4
Corpus & Uterus, NOS	-	-	35	26.1	-	37.6
Esophagus	17	6.9	2	2.2	20.4	~
Hodgkin Lymphoma	3	2.7	2	2.2	~	~
Kaposi Sarcoma (all sites)	1	0.4	0	0.0	~	~
Kidney & Renal Pelvis	14	14.6	15	9.2	16.8	16.2
Larynx	2	5.1	1	1.2	~	~
Leukemia	14	15.7	13	11.5	16.5	12.5
Liver & Intrahepatic Bile Duct	5	4.3	2	2.0	~	~
Lung & Bronchus	61	62.5	38	48.3	72.4	36.8
Melanoma of the Skin	10	16.3	11	13.5	12.1	14.8
Mesothelioma (all sites)	5	2.2	0	0.5	~	~
Myeloma	1	5.4	3	4.5	~	~
Non-Hodgkin Lymphoma	12	21.6	16	19.6	13.7	14.8
Oral Cavity & Pharynx	16	13.2	7	6.9	18.7	~
Ovary	-	-	14	13.1	-	14.3
Pancreas	9	8.6	9	8.8	~	~
Prostate	157	162.0	-	-	182.6	-
Soft Tissues incl. Heart	2	2.7	6	2.6	~	~
Stomach	7	7.8	6	4.8	~	~
Testis	5	5.1	-	-	~	-
Thyroid	6	3.0	7	7.7	~	~
Urinary Bladder	32	33.5	7	11.7	36.7	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-61: Pope County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	199	205.8	177	177.4	533.8	419.2
Brain & Other Nervous System	3	2.7	1	2.0	~	~
Breast	0	0.5	52	55.9	~	129.6
Cervix Uteri	-	-	3	2.0	-	~
Colon & Rectum	29	22.7	30	23.4	74.5	61.3
Corpus & Uterus, NOS	-	-	15	10.9	-	31.9
Esophagus	2	3.0	0	1.0	~	~
Hodgkin Lymphoma	0	1.0	0	0.8	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	6.2	2	3.8	~	~
Larynx	2	2.2	1	0.5	~	~
Leukemia	7	6.6	8	4.8	~	~
Liver & Intrahepatic Bile Duct	2	1.8	0	0.8	~	~
Lung & Bronchus	27	27.3	12	20.5	69.6	31.4
Melanoma of the Skin	6	6.7	12	5.3	~	34.2
Mesothelioma (all sites)	2	1.0	1	0.2	~	~
Myeloma	4	2.3	2	1.9	~	~
Non-Hodgkin Lymphoma	6	9.1	13	8.2	~	26.2
Oral Cavity & Pharynx	3	5.5	1	2.9	~	~
Ovary	-	-	7	5.4	-	~
Pancreas	3	3.7	1	3.7	~	~
Prostate	63	70.8	-	-	167.7	-
Soft Tissues incl. Heart	1	1.1	3	1.0	~	~
Stomach	4	3.4	1	2.1	~	~
Testis	1	1.7	-	-	~	-
Thyroid	1	1.2	0	2.9	~	~
Urinary Bladder	15	14.6	3	5.0	40.9	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-62: Ramsey County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	5452	5540.3	5903	5682.1	551.4	433.3
Brain & Other Nervous System	84	93.9	71	74.0	7.5	5.4
Breast	13	12.5	1973	1856.4	1.3	149.0
Cervix Uteri	-	-	90	88.0	-	6.9
Colon & Rectum	514	588.0	631	666.1	52.8	43.6
Corpus & Uterus, NOS	-	-	360	352.9	-	27.3
Esophagus	76	78.8	32	26.9	7.5	2.4
Hodgkin Lymphoma	35	42.6	31	36.7	2.8	2.3
Kaposi Sarcoma (all sites)	7	5.6	0	0.5	~	~
Kidney & Renal Pelvis	186	178.0	113	120.7	18.4	8.1
Larynx	64	59.7	13	16.1	6.4	1.0
Leukemia	184	185.4	147	148.0	18.2	10.2
Liver & Intrahepatic Bile Duct	74	52.0	27	25.6	7.0	2.0
Lung & Bronchus	760	703.1	730	620.4	78.4	54.8
Melanoma of the Skin	191	207.8	177	209.3	18.6	13.2
Mesothelioma (all sites)	27	24.5	6	5.7	2.8	~
Myeloma	75	60.9	63	55.9	7.6	4.3
Non-Hodgkin Lymphoma	283	256.1	265	252.4	28.6	18.5
Oral Cavity & Pharynx	149	162.3	115	90.9	14.3	8.5
Ovary	-	-	190	180.3	-	14.3
Pancreas	104	98.9	116	108.3	10.5	8.4
Prostate	1677	1813.8	-	-	172.8	-
Soft Tissues incl. Heart	43	36.7	36	37.3	4.0	2.6
Stomach	81	86.2	58	58.5	8.2	3.9
Testis	81	94.5	-	-	6.2	-
Thyroid	53	45.2	115	132.9	4.5	8.7
Urinary Bladder	362	363.5	155	142.4	38.4	10.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-63: Red Lake County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	56	74.8	53	60.2	423.6	351.4
Brain & Other Nervous System	2	1.0	0	0.7	~	~
Breast	0	0.2	19	19.2	~	117.0
Cervix Uteri	-	-	2	0.7	-	~
Colon & Rectum	9	8.2	6	7.6	~	~
Corpus & Uterus, NOS	-	-	1	3.7	-	~
Esophagus	0	1.1	1	0.3	~	~
Hodgkin Lymphoma	1	0.4	0	0.3	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	2	2.3	1	1.3	~	~
Larynx	0	0.8	0	0.2	~	~
Leukemia	2	2.4	2	1.6	~	~
Liver & Intrahepatic Bile Duct	0	0.7	0	0.3	~	~
Lung & Bronchus	7	9.8	7	7.0	~	~
Melanoma of the Skin	0	2.5	1	1.9	~	~
Mesothelioma (all sites)	1	0.4	0	0.1	~	~
Myeloma	0	0.8	1	0.6	~	~
Non-Hodgkin Lymphoma	1	3.3	5	2.8	~	~
Oral Cavity & Pharynx	1	2.0	1	1.0	~	~
Ovary	-	-	0	1.9	-	~
Pancreas	0	1.3	2	1.2	~	~
Prostate	23	25.5	-	-	169.9	-
Soft Tissues incl. Heart	1	0.4	1	0.4	~	~
Stomach	0	1.2	0	0.7	~	~
Testis	0	0.7	-	-	~	-
Thyroid	0	0.4	1	1.1	~	~
Urinary Bladder	3	5.2	1	1.6	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-64: Redwood County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	276	287.2	241	246.0	539.5	411.4
Brain & Other Nervous System	5	3.8	2	2.8	~	~
Breast	1	0.7	85	77.6	~	150.8
Cervix Uteri	-	-	0	2.9	-	~
Colon & Rectum	42	32.0	30	32.2	79.4	42.3
Corpus & Uterus, NOS	-	-	16	15.0	-	31.6
Esophagus	3	4.1	1	1.3	~	~
Hodgkin Lymphoma	1	1.5	0	1.1	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	9	8.6	4	5.3	~	~
Larynx	3	3.0	0	0.7	~	~
Leukemia	7	9.4	7	6.7	~	~
Liver & Intrahepatic Bile Duct	1	2.5	1	1.2	~	~
Lung & Bronchus	31	37.5	23	28.2	58.9	40.3
Melanoma of the Skin	11	9.5	7	7.4	23.4	~
Mesothelioma (all sites)	0	1.4	1	0.3	~	~
Myeloma	3	3.3	4	2.6	~	~
Non-Hodgkin Lymphoma	10	12.9	12	11.4	19.7	20.0
Oral Cavity & Pharynx	4	7.8	2	4.0	~	~
Ovary	-	-	5	7.5	-	~
Pancreas	4	5.1	5	5.1	~	~
Prostate	99	97.5	-	-	190.9	-
Soft Tissues incl. Heart	1	1.6	0	1.5	~	~
Stomach	4	4.8	5	2.8	~	~
Testis	4	2.7	-	-	~	-
Thyroid	0	1.7	6	4.1	~	~
Urinary Bladder	9	20.5	8	6.8	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-65: Renville County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	250	289.2	262	248.2	488.0	442.5
Brain & Other Nervous System	1	3.9	2	2.8	~	~
Breast	0	0.7	85	78.2	~	151.8
Cervix Uteri	-	-	4	3.0	-	~
Colon & Rectum	37	31.9	35	32.4	70.3	51.0
Corpus & Uterus, NOS	-	-	18	15.1	-	29.8
Esophagus	4	4.2	0	1.3	~	~
Hodgkin Lymphoma	4	1.5	5	1.2	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	12	8.7	3	5.4	22.6	~
Larynx	3	3.0	0	0.7	~	~
Leukemia	12	9.4	3	6.7	22.8	~
Liver & Intrahepatic Bile Duct	3	2.6	2	1.2	~	~
Lung & Bronchus	26	38.0	17	28.7	50.1	26.8
Melanoma of the Skin	7	9.6	12	7.5	~	20.8
Mesothelioma (all sites)	1	1.4	0	0.3	~	~
Myeloma	0	3.3	2	2.6	~	~
Non-Hodgkin Lymphoma	13	12.9	10	11.5	24.5	16.2
Oral Cavity & Pharynx	6	7.9	5	4.0	~	~
Ovary	-	-	6	7.6	-	~
Pancreas	4	5.2	6	5.2	~	~
Prostate	80	98.4	-	-	153.4	-
Soft Tissues incl. Heart	2	1.6	0	1.5	~	~
Stomach	4	4.7	2	2.8	~	~
Testis	1	2.8	-	-	~	-
Thyroid	1	1.7	12	4.2	~	30.4
Urinary Bladder	14	20.4	7	6.9	26.1	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-66: Rice County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	635	646.2	588	585.8	551.5	419.0
Brain & Other Nervous System	9	10.8	7	7.7	~	~
Breast	4	1.5	171	191.3	~	124.4
Cervix Uteri	-	-	11	8.9	-	8.6
Colon & Rectum	101	68.7	103	68.7	89.0	69.5
Corpus & Uterus, NOS	-	-	38	36.5	-	27.1
Esophagus	11	9.2	5	2.8	9.3	~
Hodgkin Lymphoma	1	5.0	3	4.0	~	~
Kaposi Sarcoma (all sites)	0	0.6	0	0.1	~	~
Kidney & Renal Pelvis	15	20.6	12	12.4	12.4	8.8
Larynx	9	7.0	0	1.7	~	~
Leukemia	28	21.5	24	15.3	24.5	15.9
Liver & Intrahepatic Bile Duct	7	6.0	3	2.6	~	~
Lung & Bronchus	87	82.0	64	64.0	77.5	47.9
Melanoma of the Skin	13	24.1	10	21.3	10.1	7.4
Mesothelioma (all sites)	3	2.9	0	0.6	~	~
Myeloma	11	7.1	6	5.7	9.5	~
Non-Hodgkin Lymphoma	19	29.7	18	26.0	16.1	12.3
Oral Cavity & Pharynx	14	18.9	10	9.4	11.4	7.3
Ovary	-	-	14	18.7	-	9.6
Pancreas	8	11.5	10	11.1	~	6.8
Prostate	189	212.8	-	-	165.2	-
Soft Tissues incl. Heart	3	4.3	6	3.9	~	~
Stomach	14	10.0	4	6.0	12.3	~
Testis	11	10.7	-	-	7.1	-
Thyroid	7	5.2	12	13.6	~	9.5
Urinary Bladder	34	42.5	17	14.7	31.7	12.4

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-67: Rock County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	162	168.4	130	145.5	539.1	374.8
Brain & Other Nervous System	1	2.3	1	1.7	~	~
Breast	0	0.4	47	45.7	~	142.1
Cervix Uteri	-	-	1	1.7	-	~
Colon & Rectum	20	18.6	17	19.0	70.1	46.9
Corpus & Uterus, NOS	-	-	12	8.8	-	39.1
Esophagus	1	2.4	0	0.8	~	~
Hodgkin Lymphoma	2	0.8	0	0.7	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	5.1	2	3.2	~	~
Larynx	2	1.7	0	0.4	~	~
Leukemia	3	5.5	4	3.9	~	~
Liver & Intrahepatic Bile Duct	2	1.5	0	0.7	~	~
Lung & Bronchus	19	22.2	5	16.9	62.5	~
Melanoma of the Skin	7	5.5	3	4.4	~	~
Mesothelioma (all sites)	0	0.8	0	0.2	~	~
Myeloma	6	1.9	2	1.6	~	~
Non-Hodgkin Lymphoma	9	7.5	10	6.8	~	24.1
Oral Cavity & Pharynx	1	4.5	1	2.4	~	~
Ovary	-	-	1	4.4	-	~
Pancreas	2	3.0	6	3.1	~	~
Prostate	59	57.2	-	-	189.9	-
Soft Tissues incl. Heart	1	0.9	0	0.9	~	~
Stomach	0	2.8	2	1.7	~	~
Testis	0	1.5	-	-	~	-
Thyroid	1	1.0	4	2.4	~	~
Urinary Bladder	12	12.0	3	4.0	37.1	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-68: Roseau County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	174	213.9	163	172.5	457.4	393.3
Brain & Other Nervous System	2	3.4	1	2.2	~	~
Breast	0	0.5	61	56.4	~	152.3
Cervix Uteri	-	-	5	2.6	-	~
Colon & Rectum	30	23.2	20	20.6	78.8	44.4
Corpus & Uterus, NOS	-	-	10	10.7	-	24.6
Esophagus	4	3.0	0	0.8	~	~
Hodgkin Lymphoma	0	1.4	1	1.0	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	4	6.7	3	3.6	~	~
Larynx	2	2.3	2	0.5	~	~
Leukemia	3	7.2	7	4.6	~	~
Liver & Intrahepatic Bile Duct	2	2.0	0	0.8	~	~
Lung & Bronchus	21	27.4	6	18.7	55.6	~
Melanoma of the Skin	6	7.7	6	6.2	~	~
Mesothelioma (all sites)	0	1.0	0	0.2	~	~
Myeloma	2	2.4	2	1.7	~	~
Non-Hodgkin Lymphoma	3	9.8	5	7.7	~	~
Oral Cavity & Pharynx	10	6.1	4	2.8	26.3	~
Ovary	-	-	5	5.4	-	~
Pancreas	4	3.8	1	3.3	~	~
Prostate	57	70.7	-	-	153.2	-
Soft Tissues incl. Heart	1	1.3	3	1.1	~	~
Stomach	0	3.4	0	1.8	~	~
Testis	2	3.0	-	-	~	-
Thyroid	0	1.6	3	3.9	~	~
Urinary Bladder	11	14.5	7	4.4	28.6	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-69: St Louis County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	2998	2913.8	2766	2681.7	578.1	427.1
Brain & Other Nervous System	36	42.9	23	31.8	7.2	3.9
Breast	6	6.7	933	865.4	~	147.9
Cervix Uteri	-	-	41	35.6	-	7.8
Colon & Rectum	354	315.9	330	331.9	68.2	46.8
Corpus & Uterus, NOS	-	-	185	166.5	-	28.4
Esophagus	38	42.1	17	13.5	7.1	2.0
Hodgkin Lymphoma	16	17.4	13	14.3	3.3	2.2
Kaposi Sarcoma (all sites)	0	2.4	1	0.3	~	~
Kidney & Renal Pelvis	81	91.1	58	57.7	15.3	9.0
Larynx	32	31.3	11	7.6	6.1	1.8
Leukemia	88	94.0	64	70.0	17.4	9.3
Liver & Intrahepatic Bile Duct	25	26.6	12	12.4	4.8	1.8
Lung & Bronchus	420	378.9	330	303.9	80.4	50.1
Melanoma of the Skin	98	101.9	80	88.1	18.8	14.2
Mesothelioma (all sites)	24	13.4	3	2.8	4.7	~
Myeloma	26	32.7	28	27.6	5.0	4.3
Non-Hodgkin Lymphoma	133	131.5	112	121.7	25.7	16.5
Oral Cavity & Pharynx	91	82.7	44	43.1	17.6	7.0
Ovary	-	-	99	83.8	-	15.7
Pancreas	72	52.5	56	53.8	13.8	8.1
Prostate	926	982.2	-	-	177.9	-
Soft Tissues incl. Heart	16	17.1	12	16.5	3.0	1.9
Stomach	67	46.5	31	28.9	13.0	3.9
Testis	29	34.3	-	-	6.3	-
Thyroid	23	19.7	49	52.0	4.6	9.7
Urinary Bladder	213	198.6	78	70.7	41.3	11.7

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-70: Scott County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	729	741.8	719	685.7	558.9	424.8
Brain & Other Nervous System	22	15.7	13	10.9	11.2	6.8
Breast	0	1.6	254	235.8	~	146.1
Cervix Uteri	-	-	11	14.9	-	4.3
Colon & Rectum	68	75.7	56	67.2	57.9	37.4
Corpus & Uterus, NOS	-	-	40	43.2	-	25.1
Esophagus	13	10.3	4	2.7	11.6	~
Hodgkin Lymphoma	8	7.7	8	5.9	~	~
Kaposi Sarcoma (all sites)	0	1.0	0	0.1	~	~
Kidney & Renal Pelvis	18	25.6	17	14.1	12.7	10.2
Larynx	7	8.2	0	2.0	~	~
Leukemia	21	26.0	20	17.3	17.6	10.4
Liver & Intrahepatic Bile Duct	9	7.4	3	2.9	~	~
Lung & Bronchus	92	89.7	75	67.7	76.5	49.1
Melanoma of the Skin	37	32.2	37	31.9	21.6	18.0
Mesothelioma (all sites)	3	3.0	1	0.6	~	~
Myeloma	7	7.9	10	5.9	~	6.5
Non-Hodgkin Lymphoma	36	36.0	33	28.3	25.6	22.1
Oral Cavity & Pharynx	22	23.7	6	10.8	14.5	~
Ovary	-	-	22	22.7	-	13.2
Pancreas	10	13.1	11	11.1	6.8	6.7
Prostate	233	229.2	-	-	190.8	-
Soft Tissues incl. Heart	4	5.9	4	5.1	~	~
Stomach	18	11.0	9	6.0	13.7	~
Testis	15	18.5	-	-	5.9	-
Thyroid	9	8.0	28	22.8	~	12.3
Urinary Bladder	37	44.8	18	14.4	32.5	12.3

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-71: Sherburne County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	662	551.7	508	510.4	662.6	407.5
Brain & Other Nervous System	16	11.3	8	7.8	11.0	~
Breast	0	1.2	172	172.3	~	138.3
Cervix Uteri	-	-	10	10.1	-	5.7
Colon & Rectum	65	56.6	53	53.6	64.5	43.2
Corpus & Uterus, NOS	-	-	19	31.7	-	15.8
Esophagus	5	7.7	3	2.1	~	~
Hodgkin Lymphoma	4	5.6	5	4.2	~	~
Kaposi Sarcoma (all sites)	0	0.7	0	0.0	~	~
Kidney & Renal Pelvis	29	18.7	11	10.5	24.7	9.4
Larynx	5	6.0	3	1.4	~	~
Leukemia	21	19.2	11	13.3	23.0	9.3
Liver & Intrahepatic Bile Duct	7	5.4	0	2.2	~	~
Lung & Bronchus	73	67.4	62	51.0	77.6	56.7
Melanoma of the Skin	26	23.2	27	22.4	21.9	17.3
Mesothelioma (all sites)	1	2.3	0	0.5	~	~
Myeloma	6	5.9	3	4.6	~	~
Non-Hodgkin Lymphoma	27	26.5	19	21.6	27.3	15.7
Oral Cavity & Pharynx	22	17.2	6	8.1	21.4	~
Ovary	-	-	20	16.7	-	16.5
Pancreas	11	9.7	4	8.7	11.4	~
Prostate	226	172.7	-	-	238.2	-
Soft Tissues incl. Heart	5	4.3	5	3.7	~	~
Stomach	13	8.2	3	4.8	13.4	~
Testis	16	13.1	-	-	9.5	-
Thyroid	8	5.6	14	15.6	~	8.4
Urinary Bladder	46	33.8	16	11.5	52.3	14.1

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-72: Sibley County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	206	232.2	173	195.5	498.7	376.0
Brain & Other Nervous System	4	3.4	3	2.3	~	~
Breast	1	0.5	51	62.6	~	111.3
Cervix Uteri	-	-	4	2.6	-	~
Colon & Rectum	25	25.3	19	24.3	59.3	37.6
Corpus & Uterus, NOS	-	-	17	12.1	-	38.3
Esophagus	2	3.3	0	1.0	~	~
Hodgkin Lymphoma	3	1.3	2	1.0	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	6	7.1	5	4.2	~	~
Larynx	1	2.5	1	0.6	~	~
Leukemia	11	7.6	7	5.2	26.4	~
Liver & Intrahepatic Bile Duct	2	2.1	0	0.9	~	~
Lung & Bronchus	20	30.3	15	22.4	47.6	31.8
Melanoma of the Skin	2	7.9	7	6.3	~	~
Mesothelioma (all sites)	0	1.1	0	0.2	~	~
Myeloma	0	2.6	0	2.0	~	~
Non-Hodgkin Lymphoma	11	10.4	7	8.8	27.4	~
Oral Cavity & Pharynx	3	6.4	1	3.2	~	~
Ovary	-	-	8	6.0	-	~
Pancreas	2	4.2	4	4.0	~	~
Prostate	77	78.7	-	-	184.2	-
Soft Tissues incl. Heart	4	1.3	0	1.2	~	~
Stomach	5	3.7	2	2.1	~	~
Testis	4	2.6	-	-	~	-
Thyroid	1	1.5	5	3.7	~	~
Urinary Bladder	10	16.0	3	5.2	23.8	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-73: Stearns County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	1647	1501.7	1372	1295.6	616.5	441.5
Brain & Other Nervous System	25	25.1	20	17.7	8.2	6.6
Breast	7	3.3	419	424.1	~	138.5
Cervix Uteri	-	-	15	20.6	-	4.9
Colon & Rectum	155	158.5	164	146.7	58.8	50.6
Corpus & Uterus, NOS	-	-	89	81.0	-	29.6
Esophagus	25	21.4	11	6.0	9.8	3.5
Hodgkin Lymphoma	16	11.7	11	9.3	5.1	3.3
Kaposi Sarcoma (all sites)	0	1.5	0	0.1	~	~
Kidney & Renal Pelvis	57	47.6	31	27.7	21.0	9.8
Larynx	12	16.1	5	3.8	4.5	~
Leukemia	37	50.0	39	33.4	13.3	12.4
Liver & Intrahepatic Bile Duct	16	13.9	12	5.8	5.8	3.9
Lung & Bronchus	172	191.9	128	143.1	66.3	41.2
Melanoma of the Skin	55	55.3	49	49.0	19.0	15.7
Mesothelioma (all sites)	8	6.7	2	1.3	~	~
Myeloma	12	16.4	14	12.6	4.7	4.3
Non-Hodgkin Lymphoma	73	68.7	74	57.2	27.2	23.5
Oral Cavity & Pharynx	23	43.0	18	20.6	8.5	5.7
Ovary	-	-	36	41.7	-	12.0
Pancreas	34	26.7	36	24.3	12.7	11.2
Prostate	674	496.6	-	-	254.3	-
Soft Tissues incl. Heart	9	9.9	8	8.9	~	~
Stomach	20	23.2	15	12.8	7.7	4.4
Testis	21	25.4	-	-	6.1	-
Thyroid	7	12.0	34	32.0	~	10.6
Urinary Bladder	107	98.6	45	31.6	41.0	14.4

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-74: Steele County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	433	424.4	348	392.9	573.8	360.4
Brain & Other Nervous System	6	6.7	2	5.0	~	~
Breast	3	1.0	97	127.9	~	103.6
Cervix Uteri	-	-	1	5.7	-	~
Colon & Rectum	56	45.7	59	46.8	75.6	55.3
Corpus & Uterus, NOS	-	-	18	24.5	-	20.5
Esophagus	3	6.1	1	1.9	~	~
Hodgkin Lymphoma	4	2.9	2	2.3	~	~
Kaposi Sarcoma (all sites)	0	0.4	0	0.0	~	~
Kidney & Renal Pelvis	15	13.4	9	8.5	20.0	~
Larynx	7	4.5	0	1.1	~	~
Leukemia	18	14.0	6	10.3	23.9	~
Liver & Intrahepatic Bile Duct	3	3.9	4	1.8	~	~
Lung & Bronchus	45	54.5	47	44.0	59.4	48.8
Melanoma of the Skin	12	15.4	16	13.7	15.3	18.8
Mesothelioma (all sites)	2	1.9	0	0.4	~	~
Myeloma	2	4.7	5	3.9	~	~
Non-Hodgkin Lymphoma	19	19.4	21	17.5	25.2	21.9
Oral Cavity & Pharynx	10	12.2	5	6.3	12.5	~
Ovary	-	-	9	12.4	-	~
Pancreas	5	7.6	5	7.7	~	~
Prostate	146	140.9	-	-	195.0	-
Soft Tissues incl. Heart	2	2.6	0	2.5	~	~
Stomach	9	6.7	4	4.1	~	~
Testis	6	6.0	-	-	~	-
Thyroid	2	3.1	2	8.4	~	~
Urinary Bladder	33	28.5	10	10.0	44.1	9.1

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-75: Stevens County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	147	143.8	133	129.1	583.2	432.8
Brain & Other Nervous System	1	2.0	2	1.5	~	~
Breast	0	0.3	35	40.2	~	127.2
Cervix Uteri	-	-	2	1.6	-	~
Colon & Rectum	29	15.8	25	16.8	115.6	74.4
Corpus & Uterus, NOS	-	-	13	7.7	-	52.2
Esophagus	3	2.1	1	0.7	~	~
Hodgkin Lymphoma	1	0.9	0	0.8	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	7	4.3	6	2.8	~	~
Larynx	1	1.5	0	0.4	~	~
Leukemia	8	4.8	2	3.5	~	~
Liver & Intrahepatic Bile Duct	0	1.3	1	0.6	~	~
Lung & Bronchus	12	18.7	11	14.7	47.0	34.9
Melanoma of the Skin	3	4.8	4	4.1	~	~
Mesothelioma (all sites)	0	0.7	1	0.1	~	~
Myeloma	2	1.6	0	1.4	~	~
Non-Hodgkin Lymphoma	3	6.5	4	6.0	~	~
Oral Cavity & Pharynx	5	3.9	1	2.1	~	~
Ovary	-	-	3	4.0	-	~
Pancreas	2	2.6	4	2.7	~	~
Prostate	56	48.3	-	-	219.7	-
Soft Tissues incl. Heart	0	0.8	1	0.8	~	~
Stomach	3	2.3	1	1.5	~	~
Testis	1	1.7	-	-	~	-
Thyroid	2	0.9	1	2.4	~	~
Urinary Bladder	4	10.1	5	3.6	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-76: Swift County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	199	191.9	180	166.0	590.0	447.5
Brain & Other Nervous System	3	2.8	7	1.8	~	~
Breast	1	0.5	56	51.8	~	149.2
Cervix Uteri	-	-	4	1.9	-	~
Colon & Rectum	19	21.2	23	22.2	56.5	51.5
Corpus & Uterus, NOS	-	-	5	10.0	-	~
Esophagus	1	2.7	2	0.9	~	~
Hodgkin Lymphoma	1	1.2	0	0.7	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	6	5.9	7	3.6	~	~
Larynx	0	2.0	0	0.5	~	~
Leukemia	5	6.3	5	4.5	~	~
Liver & Intrahepatic Bile Duct	3	1.7	0	0.8	~	~
Lung & Bronchus	33	24.6	15	19.3	100.6	35.8
Melanoma of the Skin	11	6.8	9	4.9	31.6	~
Mesothelioma (all sites)	1	0.9	0	0.2	~	~
Myeloma	1	2.2	2	1.8	~	~
Non-Hodgkin Lymphoma	8	8.8	10	7.8	~	20.3
Oral Cavity & Pharynx	6	5.4	6	2.7	~	~
Ovary	-	-	4	5.0	-	~
Pancreas	2	3.4	3	3.5	~	~
Prostate	62	63.3	-	-	182.8	-
Soft Tissues incl. Heart	1	1.1	2	1.0	~	~
Stomach	2	3.2	2	1.9	~	~
Testis	1	2.6	-	-	~	-
Thyroid	3	1.4	3	2.6	~	~
Urinary Bladder	18	13.4	6	4.7	51.5	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-77: Todd County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	393	381.1	265	311.9	581.3	346.0
Brain & Other Nervous System	5	5.5	2	3.8	~	~
Breast	0	0.9	78	101.2	~	108.2
Cervix Uteri	-	-	4	4.1	-	~
Colon & Rectum	44	41.0	33	38.0	64.9	40.9
Corpus & Uterus, NOS	-	-	25	19.7	-	32.2
Esophagus	5	5.5	1	1.6	~	~
Hodgkin Lymphoma	3	2.1	2	1.6	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	13	11.8	7	6.8	18.8	~
Larynx	8	4.2	0	0.9	~	~
Leukemia	10	12.1	10	8.1	15.2	11.6
Liver & Intrahepatic Bile Duct	2	3.4	2	1.4	~	~
Lung & Bronchus	50	50.1	31	36.0	72.4	37.6
Melanoma of the Skin	9	12.9	6	10.0	~	~
Mesothelioma (all sites)	2	1.8	1	0.3	~	~
Myeloma	5	4.2	3	3.2	~	~
Non-Hodgkin Lymphoma	18	16.9	8	14.0	27.8	~
Oral Cavity & Pharynx	15	10.6	4	5.0	22.5	~
Ovary	-	-	13	9.8	-	17.7
Pancreas	7	6.9	4	6.3	~	~
Prostate	143	130.9	-	-	205.1	-
Soft Tissues incl. Heart	0	2.2	1	1.9	~	~
Stomach	4	6.0	3	3.3	~	~
Testis	6	4.0	-	-	~	-
Thyroid	3	2.4	2	5.9	~	~
Urinary Bladder	20	25.8	6	8.2	28.6	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-78: Traverse County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	83	89.0	73	71.9	540.6	443.7
Brain & Other Nervous System	0	1.1	0	0.8	~	~
Breast	0	0.2	26	22.2	~	163.3
Cervix Uteri	-	-	1	0.7	-	~
Colon & Rectum	9	10.0	19	9.9	~	95.1
Corpus & Uterus, NOS	-	-	2	4.3	-	~
Esophagus	0	1.3	0	0.4	~	~
Hodgkin Lymphoma	1	0.4	1	0.3	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	1	2.6	1	1.6	~	~
Larynx	0	0.9	0	0.2	~	~
Leukemia	1	2.9	1	2.0	~	~
Liver & Intrahepatic Bile Duct	0	0.8	1	0.3	~	~
Lung & Bronchus	9	11.9	6	8.4	~	~
Melanoma of the Skin	3	2.7	1	2.0	~	~
Mesothelioma (all sites)	0	0.4	0	0.1	~	~
Myeloma	1	1.0	1	0.8	~	~
Non-Hodgkin Lymphoma	0	3.9	3	3.4	~	~
Oral Cavity & Pharynx	4	2.3	1	1.2	~	~
Ovary	-	-	2	2.1	-	~
Pancreas	0	1.6	0	1.6	~	~
Prostate	36	30.9	-	-	213.2	-
Soft Tissues incl. Heart	1	0.4	3	0.4	~	~
Stomach	4	1.5	0	0.9	~	~
Testis	0	0.6	-	-	~	-
Thyroid	0	0.4	0	1.0	~	~
Urinary Bladder	8	6.5	1	2.1	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-79: Wabasha County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	321	325.8	289	267.6	555.4	453.0
Brain & Other Nervous System	4	4.7	8	3.3	~	~
Breast	0	0.7	97	87.4	~	155.1
Cervix Uteri	-	-	2	3.7	-	~
Colon & Rectum	46	35.4	41	32.2	78.3	58.3
Corpus & Uterus, NOS	-	-	17	16.9	-	25.5
Esophagus	5	4.7	0	1.3	~	~
Hodgkin Lymphoma	1	1.9	0	1.4	~	~
Kaposi Sarcoma (all sites)	0	0.3	0	0.0	~	~
Kidney & Renal Pelvis	12	10.1	3	5.7	20.9	~
Larynx	5	3.5	1	0.8	~	~
Leukemia	18	10.5	10	7.0	30.7	15.4
Liver & Intrahepatic Bile Duct	3	2.9	1	1.2	~	~
Lung & Bronchus	35	42.5	40	30.2	59.3	63.9
Melanoma of the Skin	15	11.3	11	9.0	27.1	21.0
Mesothelioma (all sites)	2	1.5	0	0.3	~	~
Myeloma	4	3.7	1	2.7	~	~
Non-Hodgkin Lymphoma	8	14.7	16	11.9	~	23.3
Oral Cavity & Pharynx	7	9.1	0	4.3	~	~
Ovary	-	-	5	8.4	-	~
Pancreas	4	5.8	4	5.3	~	~
Prostate	87	110.3	-	-	148.5	-
Soft Tissues incl. Heart	1	1.9	1	1.6	~	~
Stomach	3	5.2	2	2.8	~	~
Testis	7	3.6	-	-	~	-
Thyroid	7	2.1	7	5.4	~	~
Urinary Bladder	27	22.3	2	6.9	46.0	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-80: Wadena County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	273	236.2	200	204.6	655.1	414.1
Brain & Other Nervous System	3	3.2	4	2.3	~	~
Breast	0	0.5	58	64.5	~	129.4
Cervix Uteri	-	-	3	2.4	-	~
Colon & Rectum	26	25.9	29	26.5	64.3	55.1
Corpus & Uterus, NOS	-	-	12	12.6	-	25.3
Esophagus	6	3.4	0	1.1	~	~
Hodgkin Lymphoma	2	1.2	0	0.9	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	8	7.1	6	4.5	~	~
Larynx	5	2.5	0	0.6	~	~
Leukemia	6	7.6	5	5.5	~	~
Liver & Intrahepatic Bile Duct	2	2.1	0	1.0	~	~
Lung & Bronchus	30	31.2	25	24.0	70.8	52.9
Melanoma of the Skin	1	7.7	3	6.1	~	~
Mesothelioma (all sites)	2	1.1	0	0.2	~	~
Myeloma	4	2.7	0	2.2	~	~
Non-Hodgkin Lymphoma	18	10.4	8	9.5	45.2	~
Oral Cavity & Pharynx	6	6.4	2	3.3	~	~
Ovary	-	-	6	6.2	-	~
Pancreas	5	4.2	7	4.3	~	~
Prostate	106	81.5	-	-	248.5	-
Soft Tissues incl. Heart	2	1.3	0	1.2	~	~
Stomach	1	3.8	4	2.3	~	~
Testis	2	2.1	-	-	~	-
Thyroid	3	1.4	7	3.4	~	~
Urinary Bladder	19	16.6	9	5.6	43.8	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-81: Waseca County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	273	259.7	187	227.9	592.6	340.6
Brain & Other Nervous System	7	4.1	0	2.8	~	~
Breast	0	0.6	50	73.4	~	95.1
Cervix Uteri	-	-	1	3.1	-	~
Colon & Rectum	36	28.1	24	28.0	78.3	39.5
Corpus & Uterus, NOS	-	-	12	14.0	-	20.9
Esophagus	5	3.7	0	1.1	~	~
Hodgkin Lymphoma	2	1.8	1	1.3	~	~
Kaposi Sarcoma (all sites)	0	0.2	0	0.0	~	~
Kidney & Renal Pelvis	13	8.2	4	4.9	27.6	~
Larynx	2	2.7	1	0.7	~	~
Leukemia	9	8.7	5	6.1	~	~
Liver & Intrahepatic Bile Duct	2	2.4	1	1.1	~	~
Lung & Bronchus	34	33.2	21	25.6	75.0	38.1
Melanoma of the Skin	11	9.5	10	7.6	23.0	22.8
Mesothelioma (all sites)	0	1.2	0	0.2	~	~
Myeloma	4	2.9	2	2.3	~	~
Non-Hodgkin Lymphoma	13	12.0	7	10.3	28.2	~
Oral Cavity & Pharynx	8	7.4	2	3.7	~	~
Ovary	-	-	8	7.1	-	~
Pancreas	6	4.6	7	4.5	~	~
Prostate	79	85.2	-	-	174.7	-
Soft Tissues incl. Heart	3	1.6	2	1.4	~	~
Stomach	5	4.2	2	2.5	~	~
Testis	2	3.9	-	-	~	-
Thyroid	0	2.0	3	4.6	~	~
Urinary Bladder	12	17.7	8	6.0	25.6	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-82: Washington County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	1890	1932.9	1882	1808.1	549.8	438.2
Brain & Other Nervous System	42	37.3	30	26.5	9.1	6.4
Breast	6	4.2	705	630.5	~	155.6
Cervix Uteri	-	-	40	34.6	-	8.2
Colon & Rectum	189	199.5	165	180.8	57.3	42.1
Corpus & Uterus, NOS	-	-	118	117.9	-	27.7
Esophagus	28	27.7	6	7.3	8.5	~
Hodgkin Lymphoma	16	16.6	6	12.9	3.2	~
Kaposi Sarcoma (all sites)	0	2.3	0	0.1	~	~
Kidney & Renal Pelvis	69	66.3	32	37.5	18.8	7.8
Larynx	19	21.9	2	5.4	5.8	~
Leukemia	61	63.9	42	44.0	16.8	9.8
Liver & Intrahepatic Bile Duct	20	19.2	6	7.6	5.4	~
Lung & Bronchus	210	240.2	186	187.3	65.0	48.7
Melanoma of the Skin	88	79.6	76	76.3	23.1	16.4
Mesothelioma (all sites)	7	8.0	2	1.6	~	~
Myeloma	17	20.8	25	16.1	5.3	6.2
Non-Hodgkin Lymphoma	87	91.2	90	74.7	23.8	21.2
Oral Cavity & Pharynx	56	61.7	27	28.5	14.1	6.0
Ovary	-	-	67	60.5	-	15.0
Pancreas	41	34.7	19	30.2	11.8	5.0
Prostate	607	621.4	-	-	184.5	-
Soft Tissues incl. Heart	19	14.0	17	12.3	4.8	3.8
Stomach	22	28.8	15	15.8	6.0	3.7
Testis	50	37.4	-	-	9.8	-
Thyroid	17	18.2	48	51.9	3.6	9.6
Urinary Bladder	118	118.3	44	39.2	37.9	10.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-83: Watonwan County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	176	192.1	183	169.5	511.1	448.9
Brain & Other Nervous System	1	2.6	3	2.0	~	~
Breast	0	0.4	56	53.4	~	137.5
Cervix Uteri	-	-	1	2.0	-	~
Colon & Rectum	17	21.0	21	22.0	47.7	44.4
Corpus & Uterus, NOS	-	-	11	10.3	-	25.6
Esophagus	1	2.8	2	0.9	~	~
Hodgkin Lymphoma	1	1.0	2	0.8	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	5.8	3	3.7	~	~
Larynx	0	2.0	4	0.5	~	~
Leukemia	2	6.2	4	4.6	~	~
Liver & Intrahepatic Bile Duct	2	1.7	1	0.8	~	~
Lung & Bronchus	31	25.3	12	19.6	87.8	35.8
Melanoma of the Skin	7	6.4	7	5.2	~	~
Mesothelioma (all sites)	0	0.9	0	0.2	~	~
Myeloma	1	2.2	3	1.8	~	~
Non-Hodgkin Lymphoma	6	8.5	9	7.8	~	~
Oral Cavity & Pharynx	1	5.2	4	2.7	~	~
Ovary	-	-	6	5.2	-	~
Pancreas	1	3.4	3	3.5	~	~
Prostate	75	65.9	-	-	213.8	-
Soft Tissues incl. Heart	2	1.1	3	1.0	~	~
Stomach	5	3.1	3	1.9	~	~
Testis	2	1.9	-	-	~	-
Thyroid	0	1.2	3	2.9	~	~
Urinary Bladder	12	13.4	6	4.7	34.3	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-84: Wilkin County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	104	102.8	98	93.1	565.3	418.0
Brain & Other Nervous System	0	1.5	2	1.1	~	~
Breast	0	0.2	34	29.9	~	159.8
Cervix Uteri	-	-	0	1.2	-	~
Colon & Rectum	19	11.1	12	11.8	101.6	40.7
Corpus & Uterus, NOS	-	-	7	5.7	-	~
Esophagus	1	1.5	0	0.5	~	~
Hodgkin Lymphoma	0	0.6	0	0.5	~	~
Kaposi Sarcoma (all sites)	1	0.1	0	0.0	~	~
Kidney & Renal Pelvis	4	3.2	0	2.0	~	~
Larynx	1	1.1	0	0.3	~	~
Leukemia	5	3.3	1	2.5	~	~
Liver & Intrahepatic Bile Duct	0	0.9	0	0.4	~	~
Lung & Bronchus	15	13.4	12	10.4	81.6	52.7
Melanoma of the Skin	1	3.6	2	3.0	~	~
Mesothelioma (all sites)	2	0.5	0	0.1	~	~
Myeloma	1	1.1	1	1.0	~	~
Non-Hodgkin Lymphoma	3	4.6	3	4.2	~	~
Oral Cavity & Pharynx	7	2.9	2	1.5	~	~
Ovary	-	-	4	2.9	-	~
Pancreas	3	1.8	3	1.9	~	~
Prostate	32	34.9	-	-	172.5	-
Soft Tissues incl. Heart	1	0.6	0	0.6	~	~
Stomach	1	1.6	3	1.0	~	~
Testis	0	1.2	-	-	~	-
Thyroid	1	0.7	1	1.8	~	~
Urinary Bladder	6	7.0	3	2.5	~	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-85: Winona County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	626	609.4	551	561.1	576.6	412.0
Brain & Other Nervous System	18	9.6	5	7.1	16.2	~
Breast	1	1.4	181	179.9	~	139.7
Cervix Uteri	-	-	10	7.9	-	8.5
Colon & Rectum	83	65.5	80	68.4	77.7	55.5
Corpus & Uterus, NOS	-	-	42	34.4	-	31.6
Esophagus	10	8.7	4	2.8	9.4	~
Hodgkin Lymphoma	6	4.3	6	3.7	~	~
Kaposi Sarcoma (all sites)	0	0.5	0	0.1	~	~
Kidney & Renal Pelvis	13	19.1	12	11.9	11.8	9.7
Larynx	5	6.5	2	1.6	~	~
Leukemia	22	20.1	13	14.9	20.8	9.5
Liver & Intrahepatic Bile Duct	4	5.6	2	2.6	~	~
Lung & Bronchus	93	78.3	56	62.0	86.1	42.1
Melanoma of the Skin	19	21.8	11	19.7	17.4	8.5
Mesothelioma (all sites)	3	2.8	1	0.6	~	~
Myeloma	8	6.8	3	5.7	~	~
Non-Hodgkin Lymphoma	24	27.8	22	25.4	21.9	14.9
Oral Cavity & Pharynx	16	17.4	6	9.0	14.2	~
Ovary	-	-	25	17.6	-	20.3
Pancreas	13	10.9	12	11.0	12.0	8.6
Prostate	201	202.8	-	-	185.5	-
Soft Tissues incl. Heart	2	3.8	4	3.7	~	~
Stomach	9	9.6	1	6.0	~	~
Testis	7	8.8	-	-	~	-
Thyroid	6	4.5	11	12.3	~	9.9
Urinary Bladder	41	40.9	11	14.6	38.7	7.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-86: Wright County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	912	911.0	774	811.2	565.4	397.3
Brain & Other Nervous System	19	16.8	14	11.8	9.4	6.7
Breast	2	2.0	260	272.0	~	132.6
Cervix Uteri	-	-	8	14.6	-	~
Colon & Rectum	104	95.2	85	87.7	66.8	44.3
Corpus & Uterus, NOS	-	-	42	51.1	-	21.6
Esophagus	15	12.9	3	3.5	9.5	~
Hodgkin Lymphoma	6	7.6	2	5.9	~	~
Kaposi Sarcoma (all sites)	0	1.0	1	0.1	~	~
Kidney & Renal Pelvis	32	30.1	21	17.0	17.7	11.3
Larynx	11	10.0	3	2.3	6.8	~
Leukemia	33	30.8	21	20.9	20.8	10.4
Liver & Intrahepatic Bile Duct	6	8.7	1	3.5	~	~
Lung & Bronchus	97	114.0	91	85.4	61.0	49.3
Melanoma of the Skin	43	35.9	29	32.9	22.9	13.3
Mesothelioma (all sites)	2	3.9	1	0.8	~	~
Myeloma	12	9.9	6	7.5	8.6	~
Non-Hodgkin Lymphoma	37	42.6	34	34.8	20.7	17.4
Oral Cavity & Pharynx	25	27.5	11	12.9	15.5	5.8
Ovary	-	-	22	26.3	-	11.3
Pancreas	11	16.2	20	14.4	7.5	10.8
Prostate	313	294.6	-	-	199.6	-
Soft Tissues incl. Heart	6	6.4	7	5.6	~	~
Stomach	8	13.9	5	7.7	~	~
Testis	17	17.2	-	-	7.2	-
Thyroid	8	8.1	14	22.1	~	6.1
Urinary Bladder	65	57.9	20	18.8	44.4	10.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-87: Yellow Medicine County 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	176	191.2	169	169.7	514.0	456.8
Brain & Other Nervous System	1	2.6	2	1.9	~	~
Breast	1	0.5	59	53.1	~	170.0
Cervix Uteri	-	-	2	2.0	-	~
Colon & Rectum	23	21.2	21	22.7	63.0	52.0
Corpus & Uterus, NOS	-	-	13	10.3	-	35.6
Esophagus	3	2.7	0	0.9	~	~
Hodgkin Lymphoma	0	1.0	0	0.8	~	~
Kaposi Sarcoma (all sites)	0	0.1	0	0.0	~	~
Kidney & Renal Pelvis	8	5.8	7	3.7	~	~
Larynx	0	2.0	0	0.5	~	~
Leukemia	4	6.2	4	4.7	~	~
Liver & Intrahepatic Bile Duct	0	1.7	0	0.8	~	~
Lung & Bronchus	23	25.1	18	19.5	69.5	47.7
Melanoma of the Skin	4	6.3	5	5.0	~	~
Mesothelioma (all sites)	1	0.9	1	0.2	~	~
Myeloma	0	2.2	3	1.8	~	~
Non-Hodgkin Lymphoma	8	8.5	6	7.9	~	~
Oral Cavity & Pharynx	6	5.2	2	2.8	~	~
Ovary	-	-	5	5.1	-	~
Pancreas	4	3.4	4	3.6	~	~
Prostate	63	65.2	-	-	182.1	-
Soft Tissues incl. Heart	1	1.0	1	1.0	~	~
Stomach	3	3.2	2	2.0	~	~
Testis	1	1.7	-	-	~	-
Thyroid	0	1.1	4	2.8	~	~
Urinary Bladder	15	13.6	4	4.8	42.3	~

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-88: Northwestern Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	2415	2484.9	2006	2085.5	544.9	400.1
Brain & Other Nervous System	32	35.9	26	25.3	7.6	5.4
Breast	3	5.7	643	673.4	~	131.0
Cervix Uteri	-	-	42	27.7	-	10.1
Colon & Rectum	337	270.1	275	256.5	76.1	48.9
Corpus & Uterus, NOS	-	-	122	130.3	-	25.1
Esophagus	53	35.8	7	10.5	11.9	~
Hodgkin Lymphoma	10	14.2	9	11.2	2.5	~
Kaposi Sarcoma (all sites)	1	1.9	1	0.2	~	~
Kidney & Renal Pelvis	64	76.7	49	45.0	14.4	10.2
Larynx	22	26.6	5	6.0	4.9	~
Leukemia	88	80.6	67	54.9	20.2	12.8
Liver & Intrahepatic Bile Duct	19	22.3	9	9.6	4.4	~
Lung & Bronchus	310	324.3	205	236.9	69.2	40.9
Melanoma of the Skin	53	84.9	53	68.3	12.1	12.2
Mesothelioma (all sites)	12	11.5	1	2.2	2.7	~
Myeloma	32	27.9	17	21.4	7.2	3.5
Non-Hodgkin Lymphoma	74	111.2	96	94.1	16.6	18.8
Oral Cavity & Pharynx	83	69.1	30	33.5	18.9	5.4
Ovary	-	-	62	65.1	-	12.9
Pancreas	46	44.6	42	41.7	10.4	7.7
Prostate	811	844.5	-	-	180.4	-
Soft Tissues incl. Heart	14	14.3	18	12.9	3.2	3.8
Stomach	39	39.8	17	22.4	8.8	3.0
Testis	26	27.2	-	-	7.0	-
Thyroid	14	16.0	35	40.4	3.4	8.6
Urinary Bladder	151	170.7	51	54.8	34.0	9.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-89: Northeastern Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	5019	4994.7	4443	4365.4	564.9	422.6
Brain & Other Nervous System	75	71.9	38	51.8	8.8	4.1
Breast	11	11.3	1459	1415.7	1.3	141.9
Cervix Uteri	-	-	69	57.5	-	8.1
Colon & Rectum	576	539.7	538	534.8	65.1	46.2
Corpus & Uterus, NOS	-	-	293	274.0	-	28.1
Esophagus	70	72.5	26	21.9	7.7	2.1
Hodgkin Lymphoma	27	28.3	19	22.5	3.3	2.1
Kaposi Sarcoma (all sites)	0	3.9	1	0.4	~	~
Kidney & Renal Pelvis	143	155.9	85	94.5	16.1	8.1
Larynx	53	54.1	19	12.7	5.8	1.9
Leukemia	136	158.9	100	112.9	15.8	9.4
Liver & Intrahepatic Bile Duct	42	45.4	13	20.1	4.8	1.2
Lung & Bronchus	728	654.4	558	500.0	80.5	52.2
Melanoma of the Skin	171	171.8	128	142.0	19.5	13.7
Mesothelioma (all sites)	43	23.0	4	4.6	4.9	~
Myeloma	48	56.0	45	44.9	5.4	4.1
Non-Hodgkin Lymphoma	225	222.9	187	196.9	25.7	17.0
Oral Cavity & Pharynx	158	140.5	79	70.0	18.0	7.7
Ovary	-	-	153	136.9	-	15.2
Pancreas	100	90.2	84	87.4	11.2	7.5
Prostate	1567	1702.7	-	-	173.8	-
Soft Tissues incl. Heart	27	28.6	23	26.5	3.0	2.4
Stomach	105	79.1	46	46.4	12.0	3.7
Testis	50	54.2	-	-	6.7	-
Thyroid	33	32.7	71	83.3	3.9	8.8
Urinary Bladder	359	339.7	121	114.4	40.6	10.8

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-90: West Central Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	3539	3292.4	2661	2822.6	601.8	396.4
Brain & Other Nervous System	44	46.3	33	33.4	7.8	5.5
Breast	5	7.6	833	904.7	~	130.6
Cervix Uteri	-	-	47	36.1	-	8.8
Colon & Rectum	409	358.5	392	353.0	69.5	51.8
Corpus & Uterus, NOS	-	-	183	175.4	-	28.1
Esophagus	47	47.6	11	14.5	7.9	1.4
Hodgkin Lymphoma	19	18.2	19	14.8	3.6	3.7
Kaposi Sarcoma (all sites)	2	2.5	1	0.3	~	~
Kidney & Renal Pelvis	85	100.8	59	61.1	14.7	8.6
Larynx	28	35.2	8	8.1	4.8	~
Leukemia	118	106.0	74	74.7	20.5	9.9
Liver & Intrahepatic Bile Duct	21	29.4	16	13.0	3.5	2.1
Lung & Bronchus	436	431.6	242	323.2	73.5	35.8
Melanoma of the Skin	93	110.9	91	90.3	16.9	15.3
Mesothelioma (all sites)	18	15.4	3	3.0	3.0	~
Myeloma	38	37.0	38	29.2	6.4	5.1
Non-Hodgkin Lymphoma	128	146.4	116	128.2	22.3	16.5
Oral Cavity & Pharynx	106	90.6	39	45.5	18.5	5.4
Ovary	-	-	76	87.6	-	11.4
Pancreas	53	59.2	49	57.3	9.0	7.1
Prostate	1356	1124.8	-	-	226.4	-
Soft Tissues incl. Heart	13	18.6	26	17.3	2.4	4.1
Stomach	58	52.8	25	30.8	9.8	3.1
Testis	30	34.2	-	-	6.4	-
Thyroid	16	20.7	33	52.6	3.0	6.4
Urinary Bladder	244	227.5	79	75.5	41.1	10.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-91: Central Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	8119	7609.2	6377	6492.9	598.2	408.4
Brain & Other Nervous System	143	122.8	97	85.8	9.8	6.5
Breast	18	16.9	2001	2134.1	1.5	130.3
Cervix Uteri	-	-	89	100.3	-	6.0
Colon & Rectum	823	807.9	748	748.1	61.4	45.3
Corpus & Uterus, NOS	-	-	401	408.9	-	26.3
Esophagus	108	109.1	39	30.7	8.1	2.4
Hodgkin Lymphoma	55	53.2	38	41.2	3.6	2.5
Kaposi Sarcoma (all sites)	2	7.0	1	0.6	~	~
Kidney & Renal Pelvis	264	241.7	158	138.8	19.0	10.3
Larynx	88	82.6	23	19.0	6.4	1.5
Leukemia	223	249.2	169	167.9	16.6	10.5
Liver & Intrahepatic Bile Duct	59	70.3	37	29.0	4.3	2.3
Lung & Bronchus	981	979.0	707	719.3	72.5	45.7
Melanoma of the Skin	263	276.2	225	236.3	18.7	14.9
Mesothelioma (all sites)	36	34.1	9	6.6	2.6	~
Myeloma	85	83.7	48	63.6	6.4	3.0
Non-Hodgkin Lymphoma	349	345.2	277	285.9	25.6	17.5
Oral Cavity & Pharynx	206	218.5	93	103.6	15.0	5.9
Ovary	-	-	220	207.1	-	14.4
Pancreas	144	135.9	141	123.2	10.7	8.6
Prostate	3047	2544.1	-	-	225.2	-
Soft Tissues incl. Heart	49	47.9	48	42.4	3.5	3.2
Stomach	108	118.1	70	65.2	8.3	4.2
Testis	108	112.2	-	-	7.0	-
Thyroid	49	57.6	140	150.2	3.3	9.4
Urinary Bladder	526	502.2	171	160.8	39.9	10.6

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-92: Southwestern Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	4282	4543.1	3754	3999.3	529.3	391.9
Brain & Other Nervous System	57	63.6	49	46.4	7.7	5.7
Breast	8	10.7	1169	1268.6	~	126.1
Cervix Uteri	-	-	60	49.7	-	8.1
Colon & Rectum	545	499.8	561	514.5	66.8	50.4
Corpus & Uterus, NOS	-	-	265	244.7	-	29.6
Esophagus	54	65.2	13	20.9	6.6	1.1
Hodgkin Lymphoma	16	25.1	23	19.8	2.3	3.1
Kaposi Sarcoma (all sites)	0	3.5	0	0.4	~	~
Kidney & Renal Pelvis	144	138.3	89	86.6	18.0	9.4
Larynx	39	47.8	2	11.2	4.9	~
Leukemia	155	148.8	89	107.8	19.2	8.2
Liver & Intrahepatic Bile Duct	25	40.5	12	18.7	3.1	1.2
Lung & Bronchus	536	592.7	312	456.6	65.8	33.3
Melanoma of the Skin	143	153.5	141	125.0	18.6	17.7
Mesothelioma (all sites)	13	21.3	7	4.4	1.7	~
Myeloma	50	51.5	43	42.0	6.2	4.2
Non-Hodgkin Lymphoma	179	204.2	180	184.1	22.3	17.3
Oral Cavity & Pharynx	105	124.7	52	64.6	13.3	4.7
Ovary	-	-	110	122.4	-	12.0
Pancreas	68	81.5	81	82.7	8.4	6.7
Prostate	1472	1536.4	-	-	179.7	-
Soft Tissues incl. Heart	32	25.7	16	24.1	4.3	1.8
Stomach	58	74.2	45	45.1	7.1	4.0
Testis	38	47.8	-	-	5.7	-
Thyroid	27	28.5	111	71.2	3.7	15.3
Urinary Bladder	292	318.4	88	109.3	35.0	7.9

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-93: South Central Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	2972	3074.8	2611	2764.5	542.7	393.0
Brain & Other Nervous System	45	46.1	38	33.6	8.3	6.6
Breast	3	7.1	815	885.0	~	126.6
Cervix Uteri	-	-	29	37.0	-	5.6
Colon & Rectum	322	333.4	364	343.9	58.8	47.6
Corpus & Uterus, NOS	-	-	187	170.1	-	29.2
Esophagus	38	44.1	13	14.0	7.0	1.8
Hodgkin Lymphoma	21	19.6	20	15.7	3.8	3.5
Kaposi Sarcoma (all sites)	0	2.6	0	0.3	~	~
Kidney & Renal Pelvis	97	95.3	60	59.5	17.8	8.9
Larynx	29	32.7	8	7.8	5.2	~
Leukemia	101	100.9	75	73.5	18.3	10.7
Liver & Intrahepatic Bile Duct	27	27.9	12	12.8	5.0	1.8
Lung & Bronchus	363	397.8	235	311.7	66.3	35.9
Melanoma of the Skin	119	107.7	100	91.8	22.0	17.0
Mesothelioma (all sites)	8	14.1	1	2.9	~	~
Myeloma	25	34.4	21	28.4	4.5	3.1
Non-Hodgkin Lymphoma	145	139.3	107	125.8	26.5	15.3
Oral Cavity & Pharynx	75	86.4	34	44.5	13.7	5.2
Ovary	-	-	83	86.0	-	13.1
Pancreas	49	55.0	45	55.6	9.0	6.1
Prostate	993	1030.6	-	-	181.1	-
Soft Tissues incl. Heart	26	18.4	14	17.4	4.7	2.2
Stomach	51	49.2	36	30.1	9.3	4.8
Testis	48	39.6	-	-	8.9	-
Thyroid	18	21.3	62	54.8	3.3	11.5
Urinary Bladder	199	210.1	65	73.3	36.4	8.4

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-94: Southeastern Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	6100	6058.5	5409	5484.4	564.6	410.9
Brain & Other Nervous System	109	93.7	58	68.5	9.8	4.8
Breast	12	13.9	1691	1779.5	1.1	132.0
Cervix Uteri	-	-	76	78.5	-	6.3
Colon & Rectum	691	652.3	752	662.9	64.4	52.0
Corpus & Uterus, NOS	-	-	332	340.6	-	25.9
Esophagus	86	86.9	29	26.9	7.9	2.0
Hodgkin Lymphoma	43	39.5	32	32.0	3.8	2.5
Kaposi Sarcoma (all sites)	4	5.3	0	0.5	~	~
Kidney & Renal Pelvis	204	190.5	122	117.2	18.6	9.5
Larynx	76	65.0	12	15.6	6.9	1.0
Leukemia	231	198.8	163	144.1	21.4	11.8
Liver & Intrahepatic Bile Duct	64	55.5	24	25.0	5.8	1.7
Lung & Bronchus	775	781.4	564	610.3	71.9	43.5
Melanoma of the Skin	208	216.3	201	189.6	18.9	16.7
Mesothelioma (all sites)	20	27.5	6	5.7	1.9	~
Myeloma	69	67.5	47	55.2	6.4	3.3
Non-Hodgkin Lymphoma	278	275.3	254	245.9	25.7	18.8
Oral Cavity & Pharynx	165	172.5	91	88.0	15.0	6.9
Ovary	-	-	160	172.1	-	12.8
Pancreas	100	108.5	106	107.5	9.3	7.7
Prostate	2016	2025.1	-	-	187.0	-
Soft Tissues incl. Heart	31	37.0	40	34.8	2.8	3.1
Stomach	89	96.0	39	58.1	8.3	2.6
Testis	80	81.4	-	-	7.1	-
Thyroid	59	43.6	140	116.0	5.3	12.1
Urinary Bladder	391	408.6	116	141.6	36.8	8.2

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.

Table IV-95: Metropolitan Region 1998 - 2002 observed and expected numbers of cancers and average annual incidence rates for selected sites, all races combined

Cancer Site	Males		Females		Avg. Annual Rate§	
	Observed	Expected†	Observed	Expected†	Males	Females
All Sites	26399	26880.1	27052	26365.1	550.8	427.3
Brain & Other Nervous System	459	486.4	366	362.1	8.0	5.7
Breast	72	60.1	9278	8839.9	1.6	146.1
Cervix Uteri	-	-	429	456.4	-	6.3
Colon & Rectum	2573	2818.0	2683	2900.1	55.5	42.2
Corpus & Uterus, NOS	-	-	1625	1665.1	-	26.2
Esophagus	388	381.5	118	117.2	8.3	1.9
Hodgkin Lymphoma	229	224.4	177	181.1	3.5	2.6
Kaposi Sarcoma (all sites)	47	30.1	1	2.2	0.7	~
Kidney & Renal Pelvis	882	887.9	531	553.6	17.6	8.5
Larynx	303	294.0	80	75.9	6.2	1.3
Leukemia	878	899.3	654	667.9	17.9	10.3
Liver & Intrahepatic Bile Duct	293	258.6	122	115.6	5.8	2.0
Lung & Bronchus	3386	3368.4	3140	2805.9	73.5	51.8
Melanoma of the Skin	1127	1060.6	1043	1043.9	21.3	15.6
Mesothelioma (all sites)	112	115.6	24	25.5	2.5	0.4
Myeloma	303	292.7	274	248.6	6.5	4.4
Non-Hodgkin Lymphoma	1319	1259.6	1177	1137.4	27.0	18.6
Oral Cavity & Pharynx	815	816.9	447	419.2	15.7	7.0
Ovary	-	-	867	854.5	-	13.7
Pancreas	494	480.1	482	475.8	10.4	7.8
Prostate	8209	8673.3	-	-	176.8	-
Soft Tissues incl. Heart	187	187.7	164	176.7	3.3	2.5
Stomach	413	411.3	274	254.8	8.9	4.3
Testis	528	514.0	-	-	7.5	-
Thyroid	244	240.3	663	688.0	4.0	9.7
Urinary Bladder	1724	1713.9	660	622.3	38.7	10.4

§ Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. population.

† Expected number of cancers based on State 1998 - 2002 incidence

~ Rates based on fewer than 10 cases are not presented.

- Not applicable; site is sex-specific.