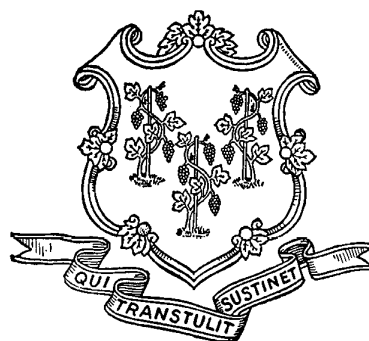


Cancer Incidence in Connecticut, 2002



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Technical Notes

This report includes data on invasive cancers diagnosed in 2002 among male and female residents of Connecticut, as reported to the Connecticut Tumor Registry. Because of the difficulty in distinguishing “in situ” (pre-invasive) from invasive bladder cancers, bladder cancers reported as “in situ” have been included in reports on invasive cancer from the Connecticut Tumor Registry and from the National Cancer Institute. “In situ” cancers have not penetrated (microscopically) into deeper layers of the tissue in which the cancer originated, and therefore have little chance of spreading to other tissues or organs.

This report shows “age-specific” incidence rates for males and females. These rates represent the number of cancers diagnosed in a specific age group divided by the estimated number of persons in the Connecticut population (see Appendix) who are in that age category, expressed as a rate per 100,000 population. “Crude” incidence rates are also shown, which represent the total number of cancers (all age groups combined) divided by the estimated total Connecticut population of males or females in 2002, and expressed as a rate per 100,000 population.

In making comparisons of cancer incidence by time period and geographic area, rates are often “age adjusted” (“age standardized”) to take into account changes in the age structure of the population. The “aging” of the population, or the growing numbers of elderly persons, results in increases in total cancer rates because these rates rise with age. For many years, the Connecticut Tumor Registry and the SEER Program calculated age-

standardized cancer incidence rates by using the age distribution of the entire U.S. population (males and females combined) in 1970 as the standard. Recently, age-standardized rates have been calculated using the 2000 standard population; these age-standardized rates should not be compared to those based on the 1970 standard population.. Age-standardized incidence rates using both the 1970 and the 2000 standard population are provided in this report. Age-standardized incidence rates are fictitious rates, obtained by applying the actual age-specific rates in Connecticut to the age distribution of the total U.S. U.S. population (in 1970 or 2000), used solely for making comparisons by time period or geographic area.

The numbers and rates in this monograph were obtained from a data file that was submitted by the Registry to the National Cancer Institute (NCI) in November 2004, and do not include “delayed reports” of cancers (diagnosed in 2002) to the Registry from hospitals and other sources. The November 2004 data file submitted by the Registry to NCI, however, will be used by NCI in preparing statistical information and public-use data files in early 2005. Future reports produced by the Connecticut Tumor Registry and NCI will be updated to include delayed reports of cancers diagnosed in 2002..

MALES

Numbers of Cancers, and Age-Specific Incidence Rates (per 100,000)

Males, 2002: Age at Diagnosis 0-4 Years through 15-19 Years

Site/type	Age 0-4		Age 5-9		Age 10-14		Age 15-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	18	15.76	8	6.38	19	14.25	29	24.53
Lymphoma								
Hodgkin	0	.00	0	0.00	1	0.75	5	4.23
Non-Hodgkin	0	.00	1	.80	2	1.50	6	5.07
Oral cavity,								
pharynx	0	.00	0	.00	0	.00	0	.00
Esophagus	0	.00	0	.00	0	.00	0	.00
Stomach	0	.00	0	.00	0	.00	0	.00
Colon	0	.00	0	.00	0	.00	2	1.74
Rectum	0	.00	0	.00	0	.00	0	.00
Liver	1	0.88	0	.00	1	0.75	0	.00
Gallbladder	0	.00	0	.00	0	.00	0	.00
Pancreas	0	.00	0	.00	0	.00	0	.00
Larynx	0	.00	0	.00	0	.00	0	.00
Lung	0	.00	0	.00	0	.00	0	.00
Connective tissue	6	5.25	0	.00	1	.75	0	.00
Melanoma, skin	0	.00	0	.00	0	.00	2	1.69
Prostate	0	.00	0	.00	0	.00	0	.00
Testis	0	.00	0	.00	1	.75	2	1.69
Bladder	0	.00	0	.00	0	.00	0	.00
Kidney	3	2.63	2	1.60	0	.00	0	.00
Brain, CNS	2	1.75	4	3.19	7	5.25	3	2.54
Thyroid	0	.00	0	.00	0	.00	0	.00
Multiple myeloma	0	.00	0	.00	0	.00	0	.00
Leukemia	7	6.11	2	1.59	5	3.75	3	2.54
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	0	.00	0	.00	0	.00	0	.00

CNS: Central Nervous System (see Appendix for codes).

All rates are per 100,000 (males) in the estimated population of Connecticut in 2002. Not all specific types/sites are shown separately, so that the sum of the numbers for all of the sites/types shown is less than the number for all invasive cancers combined. See Appendix for a list of the codes used for the sites or types shown.

Numbers of Cancers, and Incidence Rates (per 100,000)

Males, 2002: Age at Diagnosis 20-24 Years through 35-39 Years

Site/type	Age 20-24		Age 25-29		Age 30-34		Age 35-39	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	25	24.49	56	60.39	76	65.22	129	94.96
Lymphoma								
Hodgkin	1	.98	7	7.55	9	7.72	5	3.68
Non-Hodgkin	2	1.96	5	5.39	12	10.30	11	8.10
Oral cavity, pharynx	1	.98	1	1.08	0	.00	4	2.94
Esophagus	0	.00	0	.00	0	.00	0	.00
Stomach	0	.00	0	.00	1	.86	5	3.68
Colon	0	.00	1	1.08	2	1.72	9	6.62
Rectum	0	.00	2	2.16	1	.86	3	2.21
Liver	0	.00	0	.00	0	.00	0	.00
Gallbladder	0	.00	0	.00	0	.00	1	.74
Pancreas	0	.00	0	.00	2	1.72	5	3.68
Larynx	0	.00	0	.00	1	.86	2	1.47
Lung	0	.00	0	.00	1	.86	7	5.15
Connective tissue	1	.98	0	.00	2	1.72	4	2.94
Melanoma, skin	2	1.96	8	8.63	4	3.43	15	11.04
Prostate	0	.00	1	1.08	0	.00	1	.74
Testis	6	5.88	14	15.10	17	14.59	21	15.46
Bladder	0	.00	0	.00	5	4.29	3	2.21
Kidney	0	.00	0	.00	0	.00	7	5.15
Brain CNS	5	4.90	1	1.08	7	6.01	0	.00
Thyroid	2	1.96	6	6.47	6	5.15	6	4.42
Multiple myeloma	0	.00	0	.00	2	1.72	3	2.21
Leukemia	3	2.94	5	5.39	2	1.72	8	5.89
Kaposi sarcoma	0	.00	0	.00	0	.00	1	.74
Unknown site	0	.00	1	1.08	0	.00	4	2.94

Numbers of Cancers, and Incidence Rates (per 100,000)

Males, 2002: Age at Diagnosis 40-44 Years through 55-59 Years

Site/type	Age 40-44		Age 45-49		Age 50-54		Age 55-59	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	219	151.64	386	295.01	649	578.64	1032	1097.36
Lymphoma								
Hodgkin	6	4.15	3	2.29	1	.89	4	4.25
Non-Hodgkin	18	12.46	23	17.58	41	36.55	44	46.79
Oral cavity,								
pharynx	9	6.23	32	24.46	28	24.96	36	38.28
Esophagus	1	.69	7	5.35	10	8.92	16	17.01
Stomach	4	2.77	10	7.64	14	12.48	15	15.95
Colon	13	9.00	24	18.34	41	36.55	69	73.37
Rectum	11	7.62	18	13.76	41	36.55	35	37.22
Liver	4	2.77	7	5.35	16	14.27	12	12.76
Gallbladder	0	.00	1	.76	1	.89	4	4.25
Pancreas	8	5.54	13	9.94	19	16.94	21	22.33
Larynx	2	1.38	5	3.82	15	13.37	18	19.14
Lung	20	13.85	38	29.04	64	57.06	106	112.71
Connective tissue	6	4.15	6	4.59	10	8.92	7	7.44
Melanoma, skin	22	15.23	29	22.16	38	33.88	51	54.23
Prostate	10	6.92	61	46.62	180	160.49	413	439.16
Testis	20	13.85	8	6.11	6	5.35	5	5.32
Bladder	6	4.15	24	18.34	27	24.07	56	59.55
Kidney	13	9.00	24	18.34	26	23.18	36	38.28
Brain, CNS	11	7.62	11	8.41	7	6.24	13	13.82
Thyroid	8	5.54	5	3.82	6	5.35	9	9.57
Multiple myeloma	1	.69	3	2.29	9	8.02	9	9.57
Leukemia	8	5.54	5	3.82	14	12.48	15	15.95
Kaposi sarcoma	1	.69	1	.76	1	.89	0	.00
Unknown site	3	2.08	12	9.17	16	14.27	14	14.89

Numbers of Cancers, and Incidence Rates (per 100,000)

Males, 2002: Age at Diagnosis 60-64 through 75-79 Years

Site/type	Age 60-64		Age 65-69		Age 70-74		Age 75-79	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	1103	1643.30	1277	2400.47	1516	3138.00	1380	3389.08
Lymphoma								
Hodgkin	1	1.49	3	5.64	2	4.14	4	9.82
Non-Hodgkin	27	40.23	39	73.31	46	95.22	54	132.62
Oral cavity, pharynx	27	40.23	39	73.31	46	95.22	54	132.62
Esophagus	26	38.74	26	48.87	19	39.33	31	76.13
Stomach	13	19.37	20	37.60	31	64.17	36	88.41
Colon	83	123.66	93	174.82	128	264.95	118	289.79
Rectum	29	43.21	34	63.91	45	93.12	34	83.50
Liver	11	16.39	11	20.68	17	35.19	16	39.29
Gallbladder	7	10.43	9	16.92	12	24.84	10	24.56
Pancreas	23	34.27	29	54.51	40	82.80	34	83.50
Larynx	11	16.39	12	22.56	26	53.82	22	54.03
Lung	158	235.40	214	402.27	250	517.48	212	520.64
Connective tissue	9	13.41	7	13.16	8	16.56	11	27.01
Melanoma, skin	34	50.65	33	62.03	54	111.78	50	122.79
Prostate	442	658.51	492	924.85	516	1068.08	423	1038.83
Testis	1	1.49	0	.00	0	.00	1	2.46
Bladder	64	95.35	83	156.02	108	223.55	123	302.07
Kidney	45	67.04	38	71.43	52	107.64	39	95.78
Brain, CNS	13	19.37	20	37.60	12	24.84	9	22.10
Thyroid	6	8.94	8	15.04	2	4.14	4	9.82
Multiple myeloma	17	25.33	19	35.72	14	28.98	22	54.03
Leukemia	11	16.39	16	30.08	33	68.31	34	83.50
Kaposi sarcoma	0	.00	0	.00	2	4.14	0	.00
Unknown site	18	26.82	17	31.96	25	51.75	24	58.94

Numbers of Cancers, and Incidence Rates (per 100,000)

Males, 2002: Age at Diagnosis 80-84 through 85+ Years

Site/type	Age 80-84		Age 85+	
	Number	Rate	Number	Rate
All invasive	925	3130.50	650	3176.62
Lymphoma				
Hodgkin	5	16.92	2	9.77
Non-Hodgkin	37	125.22	29	141.73
Oral cavity, pharynx	10	33.84	17	83.08
Esophagus	14	47.38	5	24.44
Stomach	35	118.45	21	102.63
Colon	120	406.12	87	425.18
Rectum	38	128.60	26	127.06
Liver	11	37.23	8	39.10
Gallbladder	10	33.84	5	24.44
Pancreas	31	104.91	13	63.53
Larynx	7	23.69	6	29.32
Lung	134	453.50	105	513.15
Connective tissue	8	27.07	1	4.89
Melanoma, skin	35	118.45	22	107.52
Prostate	220	744.55	132	645.10
Testis	0	.00	0	.00
Bladder	90	304.59	71	346.98
Kidney	22	74.46	16	78.19
Brain, CNS	8	27.07	4	19.55
Thyroid	4	13.54	1	4.89
Multiple myeloma	15	50.76	9	43.98
Leukemia	24	81.22	24	117.29
Kaposi sarcoma	0	0.00	0	0.00
Unknown site	15	50.76	20	97.74

Numbers of Cancers, and Incidence Rates (per 100,000)

Males, 2002: All Ages Combined

Site/type	Total number of cancers	Incidence Rates per 100,000		
		Age-Standardized to 1970 ^a	to 2000 ^b	Crude rate ^c
All invasive	9497	491.65	587.73	565.56
Lymphoma				
Hodgkin	59	3.15	3.63	3.51
Non-Hodgkin	397	20.07	24.36	23.64
Oral cavity, pharynx	251	12.85	15.15	14.95
Esophagus	155	8.21	9.53	9.23
Stomach	205	9.92	12.86	12.21
Colon	788	39.28	49.50	46.93
Rectum	317	15.89	19.43	18.88
Liver	115	5.84	7.03	6.85
Gallbladder	60	3.06	3.80	3.57
Pancreas	238	12.01	14.67	14.17
Larynx	127	6.52	7.79	7.56
Lung	1309	67.93	82.22	77.95
Connective tissue	87	4.55	5.22	5.18
Melanoma, skin	399	20.15	24.28	23.76
Prostate	2891	154.73	177.96	172.16
Testis	102	5.25	6.12	6.07
Bladder	660	33.03	41.66	39.30
Kidney	319	16.53	19.44	19.00
Brain, CNS	137	7.68	8.24	8.16
Thyroid	76	4.06	4.56	4.53
Multiple myeloma	123	6.30	7.66	7.32
Leukemia	219	11.26	13.78	13.04
Kaposi sarcoma	6	.29	.36	.36
Unknown site	169	8.44	10.55	10.06

^aUsing the age distribution of the total U.S. population in 1970 as the standard population in age-standardization.

^bUsing the age distribution of the total U.S. population in 2000 as the standard population.

^cThe number of cancers in males divided by the total male population of Connecticut in 2001, expressed as a rate per 100,000 males.

Note: "All invasive" includes cancer sites or types not shown separately in the Table.

FEMALES

Numbers of Cancers and Age-Specific Incidence Rates (per 100,000)

Females, 2002: Age at Diagnosis 0-4 through 15-19 Years

Site/type	Age 0-4		Age 5-9		Age 10-14		Age 15-19	
	19	17.37	11	9.16	12	9.46	18	16.01
All invasive	19	17.37	11	9.16	12	9.46	18	16.01
Lymphoma								
Hodgkin	0	.00	0	.00	2	1.58	5	4.45
Non-Hodgkin	0	.00	0	.00	0	.00	1	.89
Oral cavity,								
Pharynx	0	.00	0	.00	1	.79	0	.00
Esophagus	0	.00	0	.00	0	.00	0	.00
Stomach	0	.00	0	.00	0	.00	0	.00
Colon	0	.00	0	.00	1	.00	0	.00
Rectum	0	.00	0	.00	0	.00	0	.00
Liver	0	.00	1	.83	0	.00	0	.00
Gallbladder	0	.00	0	.00	0	.00	0	.00
Pancreas	0	.00	0	.00	1	.79	0	.00
Larynx	0	.00	0	.00	0	.00	0	.00
Lung	0	.00	0	.00	0	.00	0	.00
Connective tissue	0	.00	1	.83	0	.00	2	1.78
Melanoma, skin	0	.00	2	1.67	0	.00	1	.89
Breast	0	.00	0	.00	0	.00	1	.89
Uterine cervix	0	.00	0	.00	0	.00	0	.00
Uterine corpus	0	.00	0	.00	0	.00	0	.00
Ovary	0	.00	0	.00	1	.79	1	.89
Bladder	0	.00	0	.00	0	.00	0	.00
Kidney	1	.91	1	.83	0	.00	0	.00
Brain, CNS	5	4.57	4	3.33	1	.79	1	.89
Thyroid	0	.00	0	.00	1	.79	1	.89
Multiple myeloma	0	.00	0	.00	0	.00	0	.00
Leukemia	6	5.48	0	.00	3	2.36	1	.89
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	0	.00	0	.00	0	.00	0	.00

CNS: Central nervous system.

All rates are per 100,000 (females) in the estimated population of Connecticut in 2002. Not all specific sites/types of cancer are shown separately, so that the sum of the numbers for all of the sites/types shown is less than the number for all invasive cancers combined. See Appendix for a list of codes used for the cancer sites or types shown.

Numbers of Cancers, and Incidence Rates (per 100,000)

Females, 2002: Age at Diagnosis 20-24 through 35-39 Years

Site/type	Age 20-24		Age 25-29		Age 30-34		Age 35-39	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	43	43.80	56	60.88	129	106.96	260	184.00
Lymphoma								
Hodgkin	9	9.17	4	4.35	14	11.61	4	2.83
Non-Hodgkin	5	5.09	3	3.26	8	6.63	5	3.54
Oral cavity, pharynx	2	2.04	3	3.26	2	1.66	4	2.83
Esophagus	0	.00	0	.00	0	.00	1	.71
Stomach	0	.00	0	.00	1	.83	0	.00
Colon	0	.00	2	2.17	1	.83	13	9.20
Rectum	0	.00	0	.00	2	1.66	3	2.12
Liver	0	.00	0	.00	0	.00	0	.00
Gallbladder	0	.00	0	.00	1	.83	0	.00
Pancreas	0	.00	0	.00	0	.00	0	.00
Larynx	0	.00	0	.00	0	.00	1	.71
Lung	1	1.02	0	.00	3	2.49	12	8.49
Connective tissue	1	1.02	2	2.17	2	1.66	5	3.54
Melanoma, skin	9	9.17	7	7.61	13	10.78	12	8.49
Breast	0	.00	6	6.52	35	29.02	91	64.40
Uterine cervix	0	.00	2	2.17	8	6.63	17	12.03
Uterine corpus	1	1.02	2	2.17	3	2.49	5	3.54
Ovary	0	.00	1	1.09	4	3.32	10	7.08
Bladder	0	.00	1	1.09	1	.83	5	3.54
Kidney	0	.00	1	1.09	1	.83	7	4.95
Brain, CNS	2	2.04	5	5.44	1	.83	5	3.54
Thyroid	8	8.15	14	15.22	19	15.75	41	29.02
Multiple myeloma	0	.00	0	.00	0	.00	1	.71
Leukemia	1	1.02	1	1.09	5	4.54	6	4.25
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	1	1.02	0	.00	0	.00	3	2.12

Numbers of Cancers, and Incidence Rates (per 100,000)

Females, 2002: Age at Diagnosis 40-44 through 55-59 Years

Site/type	Age 40-44		Age 45-49		Age 50-54		Age 55-59	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	411	274.73	625	458.62	718	601.67	897	887.58
Lymphoma								
Hodgkin	4	2.67	5	3.67	3	2.51	2	1.98
Non-Hodgkin	9	6.02	14	10.27	24	20.11	37	36.61
Oral cavity, pharynx	4	2.67	9	6.60	7	5.87	13	12.86
Esophagus	0	.00	4	2.94	3	2.51	6	5.94
Stomach	7	4.68	2	1.47	5	4.19	9	8.91
Colon	11	7.35	33	24.22	40	33.52	41	40.57
Rectum	7	4.68	21	15.41	33	27.65	34	33.64
Liver	1	.67	0	.00	3	2.51	6	5.94
Gallbladder	1	.67	3	2.20	4	3.35	3	2.97
Pancreas	5	3.34	9	6.60	10	8.38	15	14.84
Larynx	2	1.34	2	1.47	2	1.68	2	1.98
Lung	25	16.71	34	24.95	78	65.36	100	98.95
Connective tissue	3	2.01	6	4.40	10	8.38	3	2.97
Melanoma, skin	36	24.06	36	26.42	32	26.82	27	26.72
Breast	179	119.65	289	212.07	282	236.31	351	347.31
Uterine cervix	11	7.35	11	8.07	16	13.41	16	15.83
Uterine corpus	21	14.04	37	27.15	53	44.41	91	90.04
Ovary	12	8.02	18	13.21	21	17.60	30	29.69
Bladder	3	2.01	7	5.14	9	7.54	17	16.82
Kidney	10	6.68	13	9.54	13	10.89	17	16.82
Brain, CNS	5	3.34	3	2.20	5	4.19	10	9.90
Thyroid	33	22.06	36	26.42	21	17.60	20	19.79
Multiple myeloma	2	1.34	6	4.40	7	5.87	5	4.95
Leukemia	4	2.67	9	6.60	13	10.89	4	3.96
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	7	4.68	4	2.94	8	6.70	15	14.84

Numbers of Cancers, and Incidence Rates (per 100,000)

Females, 2002: Age at Diagnosis 60-64 through 75-79 Years

Site/type	Age 60-64		Age 65-69		Age 70-74		Age 75-79	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All invasive	870	1174.61	935	1511.60	1122	1840.31	1160	1990.25
Lymphoma								
Hodgkin	2	2.70	2	3.23	0	.00	0	.00
Non-Hodgkin	25	33.75	31	50.12	42	68.89	44	75.49
Oral cavity, pharynx	14	18.90	14	22.63	17	27.88	11	18.87
Esophagus	6	8.10	8	12.93	8	13.12	7	12.01
Stomach	8	10.80	5	8.08	15	24.60	21	36.03
Colon	64	86.41	76	122.87	114	186.98	144	247.07
Rectum	32	43.20	25	40.42	37	60.69	28	48.04
Liver	4	5.40	7	11.32	5	8.20	12	20.59
Gallbladder	8	10.80	9	14.55	6	9.84	6	10.29
Pancreas	18	24.30	22	35.57	19	31.16	43	73.78
Larynx	5	6.75	4	6.47	7	11.48	1	1.72
Lung	120	162.02	159	257.05	226	370.69	217	372.31
Connective tissue	10	13.50	6	9.70	11	18.04	2	3.43
Melanoma, skin	28	37.80	33	53.35	32	52.49	32	54.90
Breast	284	383.44	263	425.19	288	472.38	292	501.00
Uterine cervix	5	6.75	7	11.32	4	6.56	7	12.01
Uterine corpus	87	117.46	75	121.25	68	111.53	56	96.08
Ovary	27	36.45	31	50.12	31	50.85	31	53.19
Bladder	22	29.70	35	56.58	40	65.61	42	72.06
Kidney	18	24.30	34	54.97	27	44.29	25	42.89
Brain, CNS	6	8.10	8	12.93	11	18.04	11	18.87
Thyroid	18	24.30	8	12.93	15	24.60	15	25.74
Multiple myeloma	8	10.80	10	16.17	11	18.04	10	17.16
Leukemia	20	27.00	16	25.87	23	37.72	19	32.60
Kaposi sarcoma	0	.00	0	.00	1	1.64	0	.00
Unknown site	14	18.90	22	35.57	36	59.05	39	66.91

Numbers of Cancers, and Incidence Rates (per 100,000)

Females, 2002: Age at Diagnosis 80-84 through 85+ Years

Site/type	Age 80-84		Age 85+	
	Number	Rate	Number	Rate
All invasive	986	1997.89	863	1739.32
Lymphoma				
Hodgkin	2	4.05	2	4.03
Non-Hodgkin	47	95.23	44	88.68
Oral cavity, pharynx	8	16.21	11	22.17
Esophagus	8	16.21	7	14.11
Stomach	14	28.37	26	52.40
Colon	144	291.78	162	326.50
Rectum	40	81.05	28	56.43
Liver	8	16.21	3	6.05
Gallbladder	8	16.21	10	20.15
Pancreas	32	64.84	43	86.66
Larynx	3	6.08	2	4.03
Lung	163	330.28	103	207.59
Connective tissue	5	10.13	2	4.03
Melanoma, skin	26	52.68	24	48.37
Breast	208	421.46	170	342.62
Uterine cervix	10	20.26	0	.00
Uterine corpus	57	115.50	18	36.28
Ovary	25	50.66	19	38.29
Bladder	46	93.21	31	62.48
Kidney	18	36.47	19	38.29
Brain, CNS	2	4.05	2	4.03
Thyroid	3	6.08	6	12.09
Multiple myeloma	12	24.32	11	22.17
Leukemia	22	44.58	29	58.45
Kaposi sarcoma	2	4.05	0	.00
Unknown site	42	85.10	46	92.71

Numbers of Cancers, and Incidence Rates (per 100,000)

Females, 2002: All Ages Combined

Site/type	Total number of cancers	Incidence Rates per 100,000		
		Age-Standardized to 1970 ^a	to 2000 ^b	Crude Rate ^c
All invasive	9135	372.66	441.55	512.83
Lymphoma				
Hodgkin	60	3.37	3.47	3.37
Non-Hodgkin's	339	13.32	15.97	19.03
Oral cavity, pharynx	120	5.25	5.97	6.74
Esophagus	58	2.30	2.72	3.26
Stomach	114	3.94	5.08	6.40
Colon	845	29.65	37.80	47.44
Rectum	290	11.65	13.76	16.28
Liver	50	2.00	2.36	2.81
Gallbladder	59	2.29	2.74	3.31
Pancreas	217	7.71	9.70	12.18
Larynx	31	1.34	1.54	1.74
Lung	1241	49.51	59.04	69.67
Connective tissue	71	3.35	3.72	3.99
Melanoma, skin	350	15.21	17.73	19.65
Breast	2739	115.59	135.32	153.77
Uterine cervix	114	4.90	5.92	6.40
Uterine corpus	574	25.38	28.41	32.22
Ovary	262	10.98	12.83	14.71
Bladder	259	9.81	11.99	14.54
Kidney	205	8.54	10.02	11.51
Brain, CNS	87	4.40	4.66	4.88
Thyroid	259	11.93	14.04	14.54
Multiple myeloma	83	3.20	3.88	4.66
Leukemia	182	7.35	8.68	10.22
Kaposi sarcoma	3	.09	.12	.17
Unknown site	237	8.26	10.56	13.31

^aUsing the age distribution of the total U.S. population in 1970 as the standard.

^bUsing the age distribution of the total U.S. population in 2000 as the standard.

^cNumber of cancers divided by the total female population of Connecticut in 2002, expressed as a rate per

100,000 females.

Note: "All invasive" includes other sites or types not shown separately in the table.

APPENDIX

A. International Classification of Diseases for Oncology, Version 3 (ICD-O-3) Codes

Lymphomas

HODGKIN'S: Morphology codes 9650-9667
NON-HODGKIN'S: Morphology codes 9590-9591,
9670-9729; 9823, 9827 (except for site codes 420, 421, 424)

Excluding Lymphomas

(Morphology codes 9590-9729 are excluded. "C" is part of the
ICD-O site code)

ORAL CAVITY, PHARYNX: C 00.0-14.8.
ESOPHAGUS: C 15.0-15.9.
STOMACH: C 16.0-16.9.
COLON: C 18.0-18.9.
RECTUM, ANUS: C 19.9, 20.9-21.8.
LIVER: C 22.0-22.1.
GALLBLADDER: C 23.9-24.9 (includes extrahepatic bile ducts)
PANCREAS: C 25.0-25.9.
LARYNX: C 32.0-32.9.
TRACHEA, BRONCHUS, LUNG: C 33.9-34.9.
CONNECTIVE TISSUE: C 49.0-49.9.
MELANOMA OF SKIN: C 44.0-44.9, Morphology 8720-8790.
PROSTATE: C 61.9.
FEMALE BREAST: Sex female and C 50.0-50.9.
TESTIS: C 62.0-62.9.
CERVIX UTERUS: C 53.0-53.9.
UTERINE CORPUS, AND UTERUS NOT OTHERWISE
SPECIFIED: C 54.0-54.9. 55.9.
OVARY, ADJACENT STRUCTURES: C 56.9-57.8.
BLADDER: C 67.0-67.9.
KIDNEY, RENAL PELVIS, URETER: C 64.9-66.9.
BRAIN, CENTRAL NERVOUS SYSTEM (CNS):
CEREBRAL MENINGES, CRANIAL NERVES:
C 70.0-71.9, 72.2-72.5.
THYROID: C 73.9.
MULTIPLE MYELOMA: Morphology 9731-9732.
LEUKEMIA: Morphology 9800-9822;9826;9832-9948;9823 and
9827 (site codes 420, 421, 424)
KAPOSI'S SARCOMA: Morphology 9140.
UNKNOWN SITE: C 76.0-76.8, 80.0-80.9 (ill-defined or unknown
primary site).

Reference: Fritz A, Percy C, Jack A et al. (editors) *International Classification of Diseases for Oncology. Third Edition*. Geneva, Switzerland, World Health Organization, 2000.

Note: These groupings for cancer site/type were selected for consistency with past reports from the Connecticut Tumor Registry.

Appendix

B. Connecticut Population Estimates by Age and Sex: July 1, 2002

From Table ST-EST2002-ASRO-02-09 - State Characteristic Estimates.
Population Division, U.S. Census Bureau (Release Date: Sept. 18, 2003)
(Internet www.census.gov)

Age (years)	Male	Female
0-4	114,204	109,407
5-9	125,454	120,050
10-14	133,297	126,904
15-19	118,241	112,426
20-24	102,098	98,184
25-29	92,724	91,978
30-34	116,533	120,608
35-39	135,850	141,302
40-44	144,420	149,601
45-49	130,842	136,278
50-54	112,160	119,335
55-59	94,044	101,061
60-64	67,121	74,067
65-69	53,198	61,855
70-74	48,311	60,968
75-79	40,719	58,284
80-84	29,548	49,352
85 and over	20,462	49,617
Total	1,679,226	1,7681,277