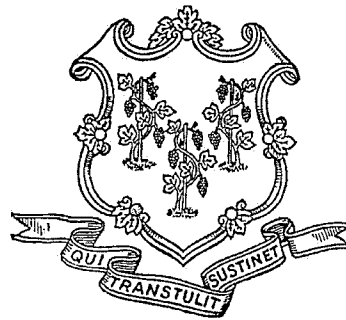


Cancer Incidence in Connecticut, 2005



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December, 2007

Technical Notes

This report includes data on “invasive” (“malignant”) cancers diagnosed in 2005 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 recoded to invasive in reports from the Connecticut Tumor Registry and from the National Cancer Institute (NCI). “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 (for all age groups combined) divided by the estimated total Connecticut population of males or females in 2005, and expressed as a rate per 100,000.

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. 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. population (in 1970 or 2000). Age-standardized rates are 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 prepared in November, 2007 and submitted by the Registry to NCI, and will be used by NCI in preparing statistical information for 2005. Cancer incidence rates that appear in the present report will differ slightly from those published by SEER/NCI, because the present report classifies cancers into various types that are consistent with previous reports from the Registry. The Registry's system of classifying cancers by groups of "sites" or "types" differs slightly from that used in SEER/NCI publications (see www.seer.cancer.gov).

The present report includes cancers ascertained only from death certificates ("death certificate only" or "DCO"), although the date of cancer diagnosis is unknown; DCOs comprise only 1% of all cancers.

The data in this report will be updated in the future, to include delayed reports received by the Registry after the time that this report was prepared. NCI provides data with statistical adjustment for delayed reports from SEER registries; the methods are described on the SEER website (www.seer.cancer.gov).

The present report includes data for two additional categories of cancers that were not included in previous monographs. These cancers, which became “reportable” in the SEER Program starting with year of diagnosis 2001, are “myeloproliferative disorders” (including polycythemia vera) and “myelodysplastic syndromes” (including certain refractory anemias).

The specific codes used by the SEER Program for these two types of cancers are provided in the Appendix to this report.

MALES

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

Males, 2005: 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	34	31.67	13	11.30	22	17.50	33	26.18
Lymphoma								
Hodgkin	0	.00	0	.00	0	.00	1	0.79
Non-Hodgkin	0	.00	1	.87	5	3.98	3	2.38
Oral cavity,								
pharynx	0	.00	0	.00	0	.00	0	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	1	0.79
Rectum	0	.00	0	.00	0	.00	0	.00
Liver	2	1.86	0	.00	0	.00	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	1	0.93	1	.87	3	2.39	4	3.17
Melanoma, skin	0	.00	0	.00	0	.00	4	3.17
Prostate	0	.00	0	.00	0	.00	0	.00
Testis	0	.00	1	.87	0	.00	2	1.59
Bladder	0	.00	0	.00	0	.00	0	.00
Kidney	5	4.66	0	0.00	0	.00	0	.00
Brain, CNS	7	6.52	4	3.48	3	2.39	3	2.38
Thyroid	0	.00	0	.00	0	.00	2	1.59
Multiple myeloma	0	.00	0	.00	0	.00	0	.00
Leukemia	11	10.25	6	5.21	6	4.77	4	3.17
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	0	.00	0	.00	0	.00	0	.00
Chronic myelopro-								
Liferative	0	.00	0	.00	0	.00	0	.00
Myelodysplastic	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 2005. 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, 2005: 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	45	40.33	63	63.90	76	70.03	128	100.02
Lymphoma								
Hodgkin	9	8.07	6	6.09	11	10.14	2	1.56
Non-Hodgkin	5	4.48	1	1.01	7	6.45	13	10.16
Oral cavity, pharynx	2	1.79	0	.00	0	.00	5	3.91
Esophagus	0	.00	0	.00	0	.00	0	.00
Stomach	0	.00	2	2.03	1	.92	1	.78
Colon	1	.90	4	4.06	3	2.76	10	7.81
Rectum	0	.00	1	1.01	2	1.84	6	4.69
Liver	3	2.69	0	.00	1	.92	2	1.56
Gallbladder	0	.00	0	.00	0	.00	0	.00
Pancreas	0	.00	0	.00	0	.00	4	3.13
Larynx	0	.00	0	.00	0	.00	0	.00
Lung	0	.00	1	1.01	2	1.84	3	2.34
Connective tissue	0	.00	2	2.03	4	3.69	5	3.91
Melanoma, skin	3	2.69	3	3.04	9	8.29	14	10.94
Prostate	0	.00	0	.00	0	.00	3	2.34
Testis	9	8.07	21	21.30	10	9.21	17	13.28
Bladder	0	.00	1	1.01	1	.92	5	3.91
Kidney	1	.90	2	2.03	2	1.84	7	5.47
Brain CNS	3	2.69	4	4.06	7	6.45	6	4.69
Thyroid	4	3.59	4	4.06	5	4.61	9	7.03
Multiple myeloma	0	.00	0	.00	1	.92	0	.00
Leukemia	4	3.59	5	5.07	6	5.53	5	3.91
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	0	.00	0	.00	1	.92	0	.00
Chronic myelo- proliferative	0	.00	0	.00	0	.00	0	.00
Myelodysplastic	0	.00	1	1.01	0	.00	2	1.56

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

Males, 2005: 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	233	161.53	416	294.28	661	541.39	965	927.85
Lymphoma								
Hodgkin	10	6.93	4	2.83	5	4.10	2	1.92
Non-Hodgkin	18	12.48	26	18.39	27	22.11	44	42.31
Oral cavity, pharynx	10	6.93	32	22.64	48	39.31	39	37.50
Esophagus	1	.69	8	5.66	10	8.19	24	23.08
Stomach	6	4.16	7	4.95	11	9.01	12	11.54
Colon	13	9.01	32	22.64	43	35.22	43	41.34
Rectum	10	6.93	29	20.51	45	36.86	38	36.54
Liver	5	3.47	10	7.07	23	18.84	25	24.04
Gallbladder	1	.69	2	1.41	2	1.64	3	2.88
Pancreas	4	2.77	9	6.37	16	13.10	25	24.04
Larynx	2	1.39	7	4.95	8	6.55	13	12.50
Lung	16	11.09	44	31.13	62	50.78	92	88.46
Connective tissue	6	4.16	8	5.66	4	3.28	8	7.69
Melanoma, skin	29	20.10	45	31.83	47	38.50	50	48.08
Prostate	13	9.01	64	45.27	169	138.42	335	322.10
Testis	15	10.40	8	5.66	5	4.10	1	.96
Bladder	9	6.24	16	11.32	23	18.84	59	56.73
Kidney	11	7.63	15	10.61	28	22.93	46	44.23
Brain, CNS	10	6.93	5	3.54	12	9.83	14	13.46
Thyroid	19	13.17	6	4.24	17	13.92	12	11.54
Multiple myeloma	0	.00	10	7.07	6	4.91	12	11.54
Leukemia	7	4.85	9	6.37	13	10.65	15	14.42
Kaposi sarcoma	1	.69	0	.00	2	1.64	1	.96
Unknown site	3	2.08	6	4.24	10	8.19	21	20.19
Chronic myelo- Proliferative	2	1.39	4	2.83	0	.00	0	.00
Myelodysplastic	1	.69	0	.00	2	1.64	9	8.65

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

Males, 2005 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	1227	1583.31	1196	2144.37	1305	2812.56	1305	3296.20
Lymphoma								
Hodgkin	1	1.29	5	8.96	3	6.47	5	12.63
Non-Hodgkin	47	60.65	42	75.30	49	105.61	51	128.82
Oral cavity,								
pharynx	40	51.62	33	59.17	19	40.95	23	58.09
Esophagus	17	21.94	18	32.27	29	62.50	20	50.52
Stomach	22	28.39	19	34.07	35	75.43	34	85.88
Colon	73	94.20	67	120.13	79	170.26	104	262.69
Rectum	39	50.33	38	68.13	43	92.67	53	133.87
Liver	18	23.23	18	32.27	22	47.41	17	42.94
Gallbladder	5	6.45	5	8.96	8	17.24	13	32.84
Pancreas	39	50.33	36	64.55	41	88.36	40	101.03
Larynx	18	23.23	24	43.03	17	36.64	9	22.73
Lung	169	218.08	160	286.87	217	467.68	219	553.16
Connective tissue	12	15.48	4	7.17	11	23.71	7	17.68
Melanoma, skin	58	74.84	62	111.16	64	137.93	64	161.65
Prostate	427	551.00	439	787.11	414	892.26	354	894.14
Testis	3	3.87	1	1.79	0	.00	0	.00
Bladder	92	118.72	83	148.81	109	234.92	115	290.47
Kidney	40	51.62	41	73.51	42	90.52	53	133.87
Brain, CNS	7	9.03	7	12.55	10	21.55	10	25.26
Thyroid	6	7.74	13	23.31	9	19.40	6	15.15
Multiple myeloma	13	16.78	14	25.10	11	23.71	21	53.04
Leukemia	22	28.39	19	34.07	19	40.95	22	55.57
Kaposi sarcoma	1	1.29	0	.00	1	2.16	0	.00
Unknown site	22	28.39	19	34.07	17	36.64	23	58.09
Chronic myelo-								
proliferative	1	1.29	8	14.34	4	8.62	2	5.05
Myelodysplastic	6	7.74	3	5.38	6	12.93	9	22.73

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

Males, 2005 Age at Diagnosis 80-84 through 85+ Years

Site/type	Age 80-84		Age 85+	
	Number	Rate	Number	Rate
All invasive	979	3403.92	676	3003.24

Lymphoma				
Hodgkin	4	13.91	1	4.44
Non-Hodgkin	49	170.37	40	177.71
Oral cavity, pharynx	13	45.20	12	53.31
Esophagus	20	69.54	10	44.43
Stomach	29	100.83	18	79.97
Colon	95	330.31	70	310.99
Rectum	43	149.51	21	93.30
Liver	9	31.29	10	44.43
Gallbladder	7	24.34	4	17.77
Pancreas	37	128.65	21	93.30
Larynx	9	31.29	4	17.77
Lung	164	570.22	94	417.61
Connective tissue	7	24.34	7	31.10
Melanoma, skin	49	170.37	36	159.94
Prostate	164	570.22	120	533.12
Testis	0	.00	1	4.44
Bladder	131	455.48	89	395.40
Kidney	30	104.31	15	66.64
Brain, CNS	6	20.86	3	13.33
Thyroid	2	6.95	2	8.89
Multiple myeloma	21	73.02	16	71.08
Leukemia	23	79.97	15	66.64
Kaposi sarcoma	1	3.48	1	4.44
Unknown site	23	79.97	31	137.72
Chronic myeloprolif.	5	17.38	4	17.77
Myelodysplastic	15	52.15	13	57.75

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

Males, 2005 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	9377	466.23	559.99	550.59
Lymphoma				
Hodgkin	69	3.68	4.17	4.05
Non-Hodgkin	428	20.85	25.51	25.13
Oral cavity, pharynx	276	13.43	15.45	16.21
Esophagus	157	7.74	9.33	9.22
Stomach	197	9.57	12.10	11.57
Colon	638	30.49	38.77	37.46
Rectum	368	17.72	21.66	21.61
Liver	165	8.22	9.56	9.69
Gallbladder	50	2.43	3.10	2.94
Pancreas	272	13.37	16.37	15.97
Larynx	111	5.71	6.48	6.52
Lung	1243	61.50	75.74	72.99
Connective tissue	94	4.78	5.56	5.52
Melanoma, skin	537	26.18	31.74	31.53
Prostate	2502	128.31	147.80	146.91
Testis	94	5.06	5.66	5.52
Bladder	733	35.16	44.97	43.04
Kidney	338	16.85	19.96	19.85
Brain, CNS	121	6.50	7.14	7.10
Thyroid	116	5.81	6.71	6.81
Multiple myeloma	125	5.86	7.54	7.34
Leukemia	211	11.20	12.69	12.39
Kaposi sarcoma	8	.36	.46	.47
Unknown site	176	8.24	10.60	10.33
Chronic myeloprolif.	30	1.45	1.86	1.76
Myelodysplastic	67	3.01	4.10	3.93

^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 2005 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, 2005: Age at Diagnosis 0-4 through 15-19 Years

Site/type	Age 0-4		Age 5-9		Age 10-14		Age 15-19	
	20	19.57	12	10.89	18	15.02	24	19.86
Lymphoma								
Hodgkin	0	.00	0	.00	4	3.34	1	.83
Non-Hodgkin	0	.00	3	2.72	1	1.67	4	3.31
Oral cavity,								
Pharynx	0	.00	0	.00	1	.83	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	.83	0	.00
Rectum	0	.00	0	.00	0	.00	0	.00
Liver	2	1.96	0	.00	0	.00	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	3	2.94	1	.91	0	.00	0	.00
Melanoma, skin	0	.00	0	.00	2	1.67	3	2.48
Breast	0	.00	0	.00	0	.00	0	.00
Uterine cervix	0	.00	0	.00	0	.00	0	.00
Uterine corpus	0	.00	0	.00	0	.00	0	.00
Ovary	0	.00	1	.91	0	.00	1	.83
Bladder	0	.00	0	.00	0	.00	0	.00
Kidney	1	.98	0	.00	0	.00	0	.00
Brain, CNS	3	2.94	2	1.82	2	1.67	2	1.65
Thyroid	0	.00	0	.00	1	.83	4	3.31
Multiple myeloma	0	.00	0	.00	0	.00	0	.00
Leukemia	8	7.83	4	3.63	4	3.34	4	3.31
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	1	.98	0	.00	0	.00	0	.00
Chronic myelo- proliferative	0	.00	0	.00	0	.00	0	.00
Myelodysplastic	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 2005. 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, 2005: 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	50	47.53	75	77.47	131	119.51	256	193.78
Lymphoma								
Hodgkin	10	9.51	12	12.40	8	7.30	4	3.03
Non-Hodgkin	0	.00	4	4.13	4	3.65	9	6.81
Oral cavity,								
pharynx	1	.95	2	2.07	2	1.82	3	2.27
Esophagus	0	.00	0	.00	0	.00	0	.00
Stomach	0	.00	0	.00	3	2.74	3	2.27
Colon	0	.00	0	.00	2	1.82	8	6.06
Rectum	0	.00	1	1.03	1	.91	6	4.54
Liver	0	.00	0	.00	0	.00	0	.00
Gallbladder	0	.00	0	.00	0	.00	1	.76
Pancreas	0	.00	0	.00	0	.00	3	2.27
Larynx	0	.00	0	.00	0	.00	0	.00
Lung	0	.00	0	.00	2	1.82	9	6.81
Connective tissue	1	.95	0	.00	2	1.82	5	3.78
Melanoma, skin	5	4.75	11	11.36	13	11.86	30	22.71
Breast	2	1.90	5	5.16	27	24.63	83	62.83
Uterine cervix	3	2.85	7	7.23	12	10.95	11	8.33
Uterine corpus	0	.00	5	5.16	7	6.39	9	6.81
Ovary	2	1.90	1	1.03	2	1.82	3	2.27
Bladder	0	.00	0	.00	2	1.82	0	.00
Kidney	1	.95	0	.00	4	3.65	4	3.03
Brain, CNS	8	7.61	6	6.20	3	2.74	5	3.78
Thyroid	16	15.21	14	14.46	30	27.37	47	35.58
Multiple myeloma	0	.00	0	.00	0	.00	2	1.51
Leukemia	1	.95	3	3.10	2	1.82	2	1.51
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	0	.00	1	1.03	0	.00	2	1.51
Chronic myelo-								
proliferative	0	.00	1	1.03	0	.00	0	.00
Myelodysplastic	0	.00	0	.00	1	.91	0	.00

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

Females, 2005: 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	454	301.73	693	469.21	818	642.92	967	851.37
Lymphoma								
Hodgkin	4	2.66	3	2.03	2	1.57	2	1.76
Non-Hodgkin	12	7.98	22	14.90	26	20.44	42	36.98
Oral cavity, pharynx	4	2.66	10	6.77	8	6.29	9	7.92
Esophagus	0	.00	0	.00	2	1.57	2	1.76
Stomach	2	1.33	6	4.06	4	3.14	6	5.28
Colon	12	7.98	22	14.90	39	30.65	55	48.42
Rectum	2	1.33	9	6.09	27	21.22	37	32.58
Liver	2	1.33	6	4.06	3	2.36	6	5.28
Gallbladder	0	.00	0	.00	1	.79	4	3.52
Pancreas	6	3.99	3	2.03	8	6.29	14	12.33
Larynx	1	.66	1	.68	4	3.14	0	.00
Lung	19	12.63	43	29.11	67	52.66	112	98.61
Connective tissue	0	.00	5	3.39	8	6.29	8	7.04
Melanoma, skin	39	25.92	48	32.50	45	35.37	38	33.46
Breast	204	135.58	334	226.14	337	264.87	332	292.30
Uterine cervix	12	7.98	18	12.19	9	7.07	15	13.21
Uterine corpus	22	14.62	37	25.05	73	57.38	92	81.00
Ovary	13	8.64	18	12.19	30	23.58	34	29.93
Bladder	6	3.99	3	2.03	11	8.65	27	23.77
Kidney	9	5.98	11	7.45	15	11.79	22	19.37
Brain, CNS	3	1.99	6	4.06	6	4.72	14	12.33
Thyroid	53	35.22	45	30.47	56	44.01	38	33.46
Multiple myeloma	1	.66	8	5.42	7	5.50	6	5.28
Leukemia	7	4.65	8	5.42	5	3.93	8	7.04
Kaposi sarcoma	0	.00	0	.00	0	.00	0	.00
Unknown site	4	2.66	7	4.74	5	3.93	11	9.68
Chronic myelo- proliferative	0	.00	3	2.03	2	1.57	2	1.76
Myelodysplastic	3	1.99	2	1.35	2	1.57	5	4.40

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

Females, 2005: 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	976	1151.08	907	1411.52	1006	1739.34	1099	1986.16
Lymphoma								
Hodgkin	0	.00	2	3.11	0	.00	3	5.42
Non-Hodgkin	33	38.92	43	66.92	42	72.62	44	79.52
Oral cavity,								
pharynx	10	11.79	11	17.12	11	19.02	18	32.53
Esophagus	4	4.72	2	3.11	6	10.37	8	14.46
Stomach	9	10.61	15	23.34	17	29.39	17	30.72
Colon	44	51.89	75	116.72	87	150.42	113	204.22
Rectum	28	33.02	24	37.35	27	46.68	36	65.06
Liver	2	2.36	7	10.89	7	12.10	8	14.46
Gallbladder	2	2.36	9	14.01	12	20.75	11	19.88
Pancreas	29	34.20	27	42.02	37	63.97	48	86.75
Larynx	3	3.54	4	6.23	3	5.19	3	5.42
Lung	159	187.52	146	227.21	217	375.19	216	390.36
Connective tissue	5	5.90	7	10.89	8	13.83	13	23.49
Melanoma, skin	45	53.07	33	51.36	37	63.97	36	65.06
Breast	310	365.61	246	382.84	253	437.43	260	469.88
Uterine cervix	4	4.72	2	3.11	6	10.37	6	10.84
Uterine corpus	99	116.76	77	119.83	59	102.01	40	72.29
Ovary	42	49.53	31	48.24	27	46.68	27	48.80
Bladder	26	30.66	24	37.35	28	48.41	36	65.06
Kidney	27	31.84	34	52.91	31	53.60	22	39.76
Brain, CNS	13	15.33	12	18.68	7	11.10	12	21.69
Thyroid	28	33.02	19	29.57	18	31.12	15	27.11
Multiple myeloma	10	11.79	13	20.23	8	13.83	12	21.69
Leukemia	6	7.08	12	18.68	17	29.39	18	32.53
Kaposi sarcoma	0	.00	0	.00	1	1.73	0	.00
Unknown site	16	18.87	16	24.90	10	17.29	27	48.80
Chronic myelo-								
proliferative	2	2.36	1	1.56	2	3.46	5	9.04
Myelodysplastic	5	5.90	1	1.56	6	10.37	11	19.88

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

Females, 2005: Age at Diagnosis 80-84 through 85+ Years

Site/type	Age 80-84		Age 85+	
	Number	Rate	Number	Rate
All invasive	1060	2218.83	987	1901.29

Lymphoma				
Hodgkin	3	6.28	0	.00
Non-Hodgkin	56	117.22	53	102.10
Oral cavity, pharynx	14	29.31	14	26.97
Esophagus	10	20.93	5	9.63
Stomach	17	35.58	22	42.38
Colon	122	255.37	142	273.54
Rectum	36	75.36	35	67.42
Liver	9	18.84	6	11.56
Gallbladder	6	12.56	5	9.63
Pancreas	34	71.17	62	119.43
Larynx	2	4.19	1	1.93
Lung	183	383.06	123	236.94
Connective tissue	6	12.56	9	17.34
Melanoma, skin	38	79.54	29	55.86
Breast	225	470.98	185	354.45
Uterine cervix	4	8.37	7	13.48
Uterine corpus	49	102.57	30	57.79
Ovary	23	48.14	32	61.64
Bladder	57	119.31	54	104.02
Kidney	35	73.26	15	28.90
Brain, CNS	8	16.75	12	23.12
Thyroid	8	16.75	4	7.71
Multiple myeloma	20	41.86	13	25.04
Leukemia	22	46.05	23	44.31
Kaposi sarcoma	0	.00	0	.00
Unknown site	30	62.80	58	111.73
Chronic myelo- Proliferative	2	4.19	1	1.93
Myelodysplastic	12	25.12	14	26.97

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

Females, 2005: 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	9553	375.75	448.10	531.43
Lymphoma				
Hodgkin	58	3.36	3.41	3.23
Non-Hodgkin's	399	15.36	18.37	22.20
Oral cavity, pharynx	118	4.56	5.52	6.56
Esophagus	39	1.34	1.72	2.17
Stomach	121	4.36	5.50	6.73
Colon	722	24.92	31.78	40.16
Rectum	269	10.08	12.15	14.96
Liver	58	2.24	2.70	3.23
Gallbladder	51	1.98	2.42	2.84
Pancreas	271	9.36	11.91	15.08
Larynx	22	.92	1.07	1.22
Lung	1296	49.92	59.93	72.10
Connective tissue	81	3.33	3.92	4.51
Melanoma, skin	452	18.78	22.23	25.14
Breast	2802	112.79	133.27	155.87
Uterine cervix	116	5.01	5.99	6.45
Uterine corpus	599	25.29	28.42	33.32
Ovary	287	11.55	13.34	15.97
Bladder	274	9.32	11.80	15.24
Kidney	231	9.32	10.92	12.85
Brain, CNS	124	5.78	6.19	6.90
Thyroid	396	18.09	20.96	22.03
Multiple myeloma	100	3.64	4.48	5.56
Leukemia	156	6.54	7.47	8.68
Kaposi sarcoma	1	.05	.05	.06
Unknown site	188	5.94	7.84	10.46
Chronic myeloproliferative	21	0.84	1.00	1.17
Myelodysplastic	62	1.99	2.65	3.45

^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 2005, 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).
CHRONIC MYELOPROLIFERATIVE DISORDERS (Site 42.1): Morphology
9950-9964.
MYELODYSPLASTIC SYNDROMES (Site 42.1): Morphology 9980-9989.

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, 2005

From Table SC-EST2006-02-09 - Annual Estimates of the Population by Age and Sex for Connecticut: April 1, 2000 to July 1, 2006).
Population Division, U.S. Census Bureau (Release Date: May 17, 2007)
(Internet)

Age (years)	Male	Female
0-4	107,342	102,181
5-9	115,060	110,152
10-14	125,744	119,839
15-19	126,048	120,846
20-24	111,571	105,189
25-29	98,587	96,808
30-34	108,528	109,614
35-39	127,974	132,110
40-44	144,245	150,464
45-49	141,361	147,695
50-54	122,093	127,232
55-59	104,404	113,581
60-64	77,496	84,790
65-69	55,774	64,257
70-74	46,399	57,838
75-79	39,591	55,333
80-84	28,761	47,773
85 and over	22,509	51,912
Total	1,703,087	1,797,614