

CANCER INCIDENCE IN CONNECTICUT, 1995-99

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INTRODUCTION

This report is an update of previous reports from the Connecticut Tumor Registry on cancer incidence for five-year time periods. As in previous reports, data shown in this report are for invasive cancers, except for bladder. Non-invasive ("in situ") bladder cancers have been re-coded as invasive, following standard procedures of the National Cancer Institute's SEER (Surveillance, Epidemiology and End Results) Program.

For all tables in this report, estimates of the Connecticut population by age and sex are from U.S. Bureau of the Census estimates made in 2000. These estimates are also being used by the National Cancer Institute for the time period 1995-99, until revised estimates (based on the Year 2000 Census) are available. Use of revised population estimates will result in slightly lower cancer incidence rates.

The database of the Connecticut Tumor Registry is continuously updated, due to delayed reporting of cancers to the Registry. Incidence rates are revised periodically.

AGE-STANDARDIZED CANCER INCIDENCE RATES: MALES, 1980-99

Table 1. Average Annual Age-Standardized Incidence Rates per 100,000 per Year in Connecticut Residents in 1980-84, 1985-89, 1990-94, and 1995-99

Site	1980-84 Rate/yr.	1985-89 Rate/yr.	1990-94 Rate/yr.	1995-99 Rate/yr.
Lymphomas:				
Hodgkin's disease	4.1	4.1	3.9	3.5
Non-Hodgkin's lymphoma	13.9	16.3	19.1	21.1
Excluding lymphomas:				
Oral, pharynx	18.1	16.7	15.5	14.1
Esophagus	7.2	7.8	7.4	8.1
Stomach	14.2	12.9	12.0	10.8
Colon	48.7	47.8	42.8	39.1
Rectum	22.7	22.6	19.1	18.5
Liver, ducts	3.5	4.3	5.0	6.1
Gallbladder	2.4	2.4	1.9	2.2
Pancreas	11.2	11.0	10.4	11.3
Larynx	10.1	9.0	8.5	7.7
Lung	85.4	85.2	79.1	76.0
Connective				
Tissue	2.8	2.6	2.5	3.3
Melanoma of skin	11.3	14.1	18.2	22.0
Prostate	71.3	77.3	138.7	143.1
Testis	4.4	4.2	4.8	5.3
Bladder	34.7	36.1	35.8	36.5
Kidney	12.4	13.3	13.8	15.7
Brain, CNS	7.3	7.7	7.7	7.3
Thyroid	2.0	2.1	2.7	3.5
Multiple myeloma	4.6	4.3	5.0	5.6
Leukemia	14.1	13.3	12.3	13.6
Kaposi's sarcoma	0.7	2.2	2.5	1.3
Unknown	14.0	14.3	12.3	10.5
All	431.6	441.8	493.4	498.0
No. of cancers	33,074	36,678	43,153	44,801

Note: Rates are standardized to the 1970 U.S. population. Data include only invasive cancers except for bladder ("in situ" bladder cancers are included). See Appendix for ICD-O-2 codes (International Classification Of Diseases for Oncology, Version 2).

AGE-STANDARDIZED INCIDENCE RATES: FEMALES, 1980-99

Table 2. Average Annual Age-Standardized Incidence Rates per 100,000 per Year in Connecticut Residents in 1980-84, 1985-89, 1990-94, and 1995-99

	1980-84	1985-89	1990-94	1995-99
	Rate/yr.	Rate/yr.	Rate/yr.	Rate/yr.
Lymphomas				
Hodgkin's disease	2.8	3.0	3.3	3.1
Non-Hodgkin's				
lymphoma	10.6	12.6	12.9	14.9
Excluding lymphomas:				
Oral, pharynx	7.0	6.3	6.2	5.7
Esophagus	2.1	2.1	2.0	2.1
Stomach	5.8	5.4	5.5	4.6
Colon	36.2	33.9	30.3	30.8
Rectum	13.3	12.4	11.4	12.1
Liver, ducts	1.5	1.3	1.5	2.1
Gallbladder	2.3	2.4	2.3	1.9
Pancreas	8.3	8.4	7.9	8.6
Larynx	1.8	2.0	1.9	2.1
Lung	33.1	40.6	45.3	49.4
Connective tissue	2.1	1.7	1.8	2.8
Melanoma of skin	8.9	10.7	12.5	14.4
Breast	97.5	112.4	115.9	124.3
Cervix	8.1	7.9	7.4	7.5
Corpus	23.1	20.6	23.5	24.9
Ovary	14.2	14.4	15.3	14.9
Bladder	9.1	9.2	9.8	10.5
Kidney	5.0	5.9	7.0	7.7
Brain, CNS	5.4	5.3	5.3	5.0
Thyroid	4.7	4.5	6.0	7.7
Multiple myeloma	3.3	3.4	3.2	3.8
Leukemia	8.3	7.8	7.5	8.4
Unknown	11.3	10.1	9.9	8.5
All	335.1	353.4	363.2	387.3
No. of cancers	34,764	38,812	41,300	44,709

Note: Rate are standardized to the 1970 U.S. population.

Data include only invasive cancers except for bladder ("in situ" bladder cancers are included).

See Appendix for ICD-O-2 codes.

Males: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Males per Year, by Age Group

Site/type	Age 0-4		Age 5-9		Age 10-14		Age 15-19	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	123	21.9	74	12.3	67	11.8	98	18.9
Lymphoma								
Hodgkin	2	.4	1	.2	7	1.2	16	3.1
Non-Hodgkin	3	.5	8	1.3	9	1.6	14	2.7
Oral, pharynx	0	.0	0	.0	2	.4	1	.2
Esophagus	0	.0	0	.0	0	.0	0	.0
Stomach	0	.0	0	.0	0	.0	0	.0
Colon	0	.0	0	.0	1	.2	0	.0
Rectum	0	.0	0	.0	0	.0	1	.2
Liver	4	.7	1	.2	0	.0	1	.2
Gallbladder	1	.2	0	.0	0	.0	0	.0
Pancreas	0	.0	0	.0	0	.0	0	.0
Larynx	0	.0	0	.0	0	.0	0	.0
Lung	1	.2	0	.0	1	.2	0	.0
Connective tissue	11	2.0	3	.5	7	1.2	4	.8
Melanoma	0	.0	1	.2	1	.2	10	1.9
Prostate	0	.0	0	.0	0	.0	0	.0
Testis	4	.7	1	.2	0	.0	21	4.0
Bladder	0	.0	0	.0	0	.0	1	.2
Kidney	11	2.0	1	.2	0	.0	0	.0
Brain, CNS	26	4.6	19	3.2	13	2.3	6	1.2
Thyroid	0	.0	1	.2	0	.0	3	.6
Myeloma	0	.0	0	.0	0	.0	0	.0
Leukemia	38	6.8	22	3.7	16	2.8	10	1.9
Kaposi sarc.	0	.0	0	.0	0	.0	0	.0
Unknown	2	.4	1	.2	0	.0	0	.0

Males: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Males per Year, by Age Group

Site/type	Age 20-24		Age 25-29		Age 30-34		Age 35-39	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	180	38.6	305	56.7	446	67.2	668	92.6
Lymphoma								
Hodgkin	28	6.0	37	6.9	28	4.2	22	3.1
Non-Hodgkin	20	4.3	31	5.8	54	8.1	76	10.5
Oral,pharynx	7	1.5	4	.7	12	1.8	28	3.9
Esophagus	0	.0	0	.0	2	.3	7	1.0
Stomach	0	.0	1	.2	0	.0	6	.8
Colon	2	.4	9	1.7	22	3.3	36	5.0
Rectum	0	.0	1	.2	8	1.2	20	2.8
Liver	0	.0	0	.0	1	.2	4	.6
Gallbladder	0	.0	0	.0	0	.0	3	.4
Pancreas	0	.0	0	.0	5	.8	8	1.1
Larynx	1	.2	0	.0	2	.3	4	.6
Lung	1	.2	2	.4	11	1.7	35	4.9
Connective tissue	6	1.3	8	1.5	12	1.8	12	1.7
Melanoma	18	3.9	30	5.6	43	6.5	95	13.2
Prostate	0	.0	0	.0	1	.2	6	.8
Testis	44	9.4	84	15.6	94	14.2	89	12.3
Bladder	2	.4	1	.2	10	1.5	20	2.8
Kidney	0	.0	1	.2	16	2.4	23	3.2
Brain, CNS	9	1.9	20	3.7	31	4.7	39	5.4
Thyroid	5	1.1	25	4.6	21	3.2	29	4.0
Myeloma	0	.0	0	.0	0	.0	11	1.5
Leukemia	20	4.3	19	3.5	21	3.2	33	4.6
Kaposi's sar.	2	.4	9	1.7	27	4.1	24	3.3
Unknown	2	.4	3	.6	4	.6	9	1.3

Males: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Males per Year, by Age Group

Site/type	Age 40-44		Age 45-49		Age 50-54		Age 55-59	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	1053	160.4	1606	285.8	2751	579.9	3737	1036.7
Lymphoma								
Hodgkin	31	4.7	32	5.7	14	3.0	14	3.9
Non-Hodgkin	131	20.0	113	20.1	154	32.5	152	42.1
Oral,pharynx	46	7.0	108	19.2	140	29.5	165	45.8
Esophagus	19	2.9	31	5.5	54	11.4	90	25.0
Stomach	25	3.8	36	6.4	64	13.5	68	18.9
Colon	67	10.2	92	16.4	174	36.7	227	63.0
Rectum	31	4.7	74	13.2	125	26.4	133	36.9
Liver	10	1.5	36	6.4	41	8.6	57	15.8
Gallbladder	1	.2	5	.9	2	.4	13	3.6
Pancreas	25	3.8	39	6.9	70	14.8	91	25.3
Larynx	18	2.7	36	6.4	62	13.1	69	19.1
Lung	105	16.0	187	33.3	366	77.2	566	157.0
Connective tissue	16	2.4	20	3.6	19	4.0	15	4.2
Melanoma	132	20.1	150	26.7	196	41.3	180	49.9
Prostate	27	4.1	185	32.9	660	139.1	1165	323.2
Testis	68	10.4	37	6.6	21	4.4	9	2.5
Bladder	55	8.4	111	19.8	170	35.8	230	63.8
Kidney	50	7.6	80	14.2	112	23.6	148	41.1
Brain, CNS	31	4.7	38	6.8	51	10.8	50	13.9
Thyroid	32	4.9	41	7.3	28	5.9	28	7.8
Myeloma	10	1.5	17	3.0	36	7.6	43	11.9
Leukemia	42	6.4	50	8.9	60	12.7	69	19.1
Kaposi sarcoma	14	2.1	7	1.3	11	2.3	4	1.1
Unknown	25	3.8	35	6.2	52	11.0	67	18.6

Males: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Males per Year, by Age Group

Site/type	Age 60-64		Age 65-69		Age 70-74		Age 75-79	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	5102	1735.9	7006	2461.6	7655	3046.6	6592	3228.8
Lymphoma								
Hodgkin	15	5.1	9	3.2	14	5.6	14	6.9
Non-Hodgkin	154	52.4	220	77.3	251	99.9	258	126.4
Oral, pharynx	143	48.7	160	56.2	170	67.7	124	60.7
Esophagus	88	29.9	118	41.5	110	43.8	95	46.5
Stomach	96	32.7	130	45.7	173	68.9	183	89.6
Colon	343	116.7	510	179.2	609	242.4	655	320.8
Rectum	179	60.9	254	89.2	301	119.8	226	110.7
Liver	78	26.5	68	23.9	88	35.0	77	37.7
Gallbladder	18	6.1	28	9.8	32	12.7	41	20.1
Pancreas	104	35.4	155	54.5	161	64.1	149	73.0
Larynx	82	27.9	133	46.7	106	42.2	80	39.2
Lung	855	290.9	1191	418.5	1251	497.9	1131	554.0
Connective	33	11.2	27	9.5	30	11.9	33	16.2
Melanoma	214	72.8	232	81.5	249	99.1	208	101.9
Prostate	1751	595.8	2472	868.6	2679	1066.2	1939	949.7
Testis	3	1.0	4	1.4	3	1.2	2	1.0
Bladder	341	116.0	516	181.3	575	228.9	584	286.0
Kidney	173	58.9	222	78.0	205	81.6	191	93.6
Brain, CNS	51	17.4	74	26.0	57	22.7	57	27.9
Thyroid	28	9.5	25	8.8	21	8.4	17	8.3
Myeloma	50	17.0	67	23.5	89	35.4	74	36.3
Leukemia	105	35.7	144	50.6	191	76.0	156	76.4
Kaposi sarc.	4	1.4	4	1.4	4	1.6	9	4.4
Unknown	91	31.0	115	40.4	150	59.7	161	78.9

Males: Numbers of Cancers Diagnosed 1995-99,
and Average Annual Incidence Rates per 100,000
Males per Year, by Age Group

Site/type	Age 80-84		Age 85+	
	No.	Rate	No.	Rate
All	4542	3639.7	2796	3413.3
Lymphoma				
Hodgkin	6	4.8	1	1.2
Non-Hodgkin	185	148.3	98	119.6
Oral, pharynx	89	71.3	41	50.1
Esophagus	71	56.9	37	45.2
Stomach	133	106.6	89	108.7
Colon	540	432.7	366	446.8
Rectum	191	153.1	136	166.0
Liver	39	31.3	35	42.7
Gallbladder	37	29.7	30	36.6
Pancreas	146	117.0	77	94.0
Larynx	55	44.1	28	34.2
Lung	737	590.6	390	476.1
Connective tissue	24	19.2	12	14.7
Melanoma	146	117.0	81	98.9
Prostate	1094	876.7	647	789.9
Testis	0	.0	0	.0
Bladder	442	354.2	307	374.8
Kidney	115	92.2	47	57.4
Brain, CNS	42	33.7	25	30.5
Thyroid	5	4.0	3	3.7
Myeloma	80	64.1	35	42.7
Leukemia	109	87.4	104	127.0
Kaposi sarcoma	7	5.6	8	9.8
Unknown	133	106.6	135	164.8

Males: Total Numbers of Cancers 1995-99, and Average Annual Age-Standardized Rates (ASRs) per 100,000 Per Year

Site/type	Cancers	Incidence Rates		
		ASR, 1970	ASR, 2000	Crude Rate
All	44801	498.0	597.0	564.7
Hodgkin	291	3.5	3.7	3.7
Non-Hodgkin	1931	21.1	25.5	24.3
Oral, pharynx	1240	14.1	16.3	15.6
Esophagus	722	8.1	9.6	9.1
Stomach	1004	10.8	13.6	12.7
Colon	3653	39.1	49.8	46.0
Rectum	1680	18.5	22.6	21.2
Liver	540	6.1	7.2	6.8
Gallbladder	211	2.2	2.9	2.7
Pancreas	1030	11.3	13.9	13.0
Larynx	676	7.7	8.9	8.5
Lung	6830	76.0	91.1	86.1
Connective tissue	292	3.3	3.8	3.7
Melanoma	1986	22.0	26.0	25.0
Prostate	12626	143.1	167.5	159.1
Testis	484	5.3	5.9	6.1
Bladder	3365	36.5	45.7	42.4
Kidney	1395	15.7	18.3	17.6
Brain, CNS	639	7.3	8.3	8.1
Thyroid	312	3.5	3.9	3.9
Myeloma	512	5.6	6.9	6.5
Leukemia	1209	13.6	16.2	15.2
Kaposi sarcoma	134	1.3	1.7	1.7
Unknown	985	10.5	13.7	12.4

ASR 1970: Using the age distribution of the total U.S. population in 1970 as the standard.

ASR 2000: Using the age distribution of the total U.S. population in 2000 as the standard.

Crude rate: Number of cancers divided by the total female population of Connecticut (2000 Census), expressed as a rate per 100,000.

Females: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Females per Year, by Age Group

Site/type	Age 0-4		Age 5-9		Age 10-14		Age 15-19	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	132	24.8	55	9.6	69	12.6	110	22.5
Lymphoma								
Hodgkin	0	.0	0	.0	12	2.2	25	5.1
Non-Hodgkin	3	.6	0	.0	7	1.3	7	1.4
Oral, pharynx	1	.2	0	.0	0	.0	2	.4
Esophagus	0	.0	0	.0	0	.0	0	.0
Stomach	1	.2	0	.0	1	.2	0	.0
Colon	0	.0	0	.0	0	.0	2	.4
Rectum	0	.0	0	.0	0	.0	0	.0
Liver	5	.9	0	.0	0	.0	2	.4
Gallbladder	0	.0	0	.0	0	.0	0	.0
Pancreas	0	.0	0	.0	0	.0	0	.0
Larynx	0	.0	0	.0	0	.0	0	.0
Lung	0	.0	0	.0	0	.0	2	.4
Connective	9	1.7	1	.2	6	1.1	2	.4
Melanoma	0	.0	2	.4	3	.6	7	1.4
Breast	1	.2	0	.0	1	.2	1	.2
Cervix	0	.0	0	.0	0	.0	5	1.0
Corpus	0	.0	0	.0	0	.0	0	.0
Ovary	0	.0	1	.2	1	.2	12	2.5
Bladder	1	.2	1	.2	0	.0	0	.0
Kidney	16	3.0	8	1.4	1	.2	1	.2
Brain, CNS	22	4.1	16	2.8	14	2.6	4	.8
Thyroid	0	.0	1	.2	3	.6	14	2.9
Myeloma	0	.0	0	.0	0	.0	0	.0
Leukemia	43	8.1	19	3.3	10	1.8	14	2.9
Kaposi sarc.	0	.0	0	.0	0	.0	0	.0
Unknown	2	.4	1	.2	0	.0	0	.0

Females: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Females per Year, by Age Group

Site/Type	Age 20-24		Age 25-29		Age 30-34		Age 35-39	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	157	34.8	333	61.2	692	102.5	1250	170.4
Hodgkin	25	5.5	31	5.7	41	6.1	28	3.8
Non-Hodgkin	9	2.0	19	3.5	36	5.3	52	7.1
Oral,pharynx	3	.7	8	1.5	8	1.2	15	2.1
Stomach	0	.0	0	.0	0	.0	2	.3
Esophagus	0	.0	2	.4	6	.9	6	.8
Colon	3	.7	6	1.1	6	.9	29	4.0
Rectum	0	.0	2	.4	16	2.4	20	2.7
Liver	1	.2	0	.0	2	.3	6	.8
Gallbladder	0	.0	0	.0	0	.0	1	.1
Pancreas	0	.0	0	.0	0	.0	8	1.1
Larynx	0	.0	1	.2	1	.2	6	.8
Lung	1	.2	2	.4	12	1.8	43	5.9
Connective	6	1.3	5	.9	9	1.3	9	1.2
Melanoma	18	4.0	43	7.9	82	12.1	127	17.3
Corpus	5	1.1	54	9.9	199	29.5	477	65.0
Cervix	9	2.0	32	5.9	76	11.3	94	12.8
Corpus	0	.0	3	.6	13	1.9	28	3.8
Ovary	12	2.7	23	4.2	36	5.3	51	7.0
Bladder	0	.0	3	.6	6	.9	10	1.4
Kidney	1	.2	5	.9	5	.7	25	3.4
Brain, CNS	11	2.4	16	2.9	20	3.0	17	2.3
Thyroid	30	6.7	48	8.8	78	11.6	112	15.3
Myeloma	0	.0	0	.0	2	.3	3	.4
Leukemia	10	2.2	10	1.8	19	2.8	28	3.8
Kaposi sarc.	0	.0	0	.0	0	.0	1	.1
Unknown	2	.4	2	.4	2	.3	6	.8

Females: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Females per Year, by Age Group

Site/Type	Age 40-44		Age 45-49		Age 50-54		Age 55-59	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	1914	279.1	2793	475.6	3478	693.6	3537	918.4
Lymphoma								
Hodgkin	18	2.6	14	2.4	8	1.6	11	2.9
Non-Hodgkin	52	7.6	92	15.7	107	21.3	103	26.7
Oral, pharynx	20	2.9	35	6.0	43	8.6	61	15.8
Esophagus	1	.2	6	1.0	12	2.4	21	5.5
Stomach	9	1.3	17	2.9	30	6.0	24	6.2
Colon	52	7.6	120	20.4	150	29.9	203	52.7
Rectum	42	6.1	72	12.3	74	14.8	112	29.1
Liver	4	.6	5	.9	13	2.6	11	2.9
Gallbladder	4	.6	5	.9	8	1.6	8	2.1
Pancreas	10	1.5	31	5.3	42	8.4	58	15.1
Larynx	8	1.2	11	1.9	13	2.6	22	5.7
Lung	88	12.8	200	34.1	338	67.4	443	115.0
Connective tissue	14	2.0	18	3.1	25	5.0	17	4.4
Melanoma	144	21.0	147	25.0	154	30.7	127	33.0
Breast	886	129.2	1296	220.7	1474	294.0	1310	340.1
Cervix	94	13.7	92	15.7	70	14.0	71	18.4
Corpus	90	3.1	160	27.2	326	65.0	352	91.4
Ovary	95	13.9	137	23.3	174	34.7	168	43.6
Bladder	16	2.3	38	6.5	76	15.2	75	19.5
Kidney	32	4.7	31	5.3	48	9.6	65	16.9
Brain, CNS	30	4.4	28	4.8	23	4.6	35	9.1
Thyroid	98	14.3	94	16.0	82	16.4	38	9.9
Myeloma	6	.9	14	2.4	31	6.2	29	7.5
Leukemia	25	3.7	52	8.9	40	8.0	43	11.2
Kaposi sarc.	2	.3	3	.5	1	.2	0	.0
Unknown	23	3.4	31	5.3	48	9.6	63	16.4

Females: Numbers of Cancers Diagnosed 1995-99, and Average Annual Incidence Rates per 100,000 Females per Year, by Age Group

Site/Type	Age 60-64		Age 65-69		Age 70-74		Age 75-79	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
All	3958	1233.7	5030	1486.3	6112	1848.6	6021	2031.4
Lymphoma								
Hodgkin	11	3.4	13	3.8	8	2.4	10	3.4
Non-Hodgkin	153	47.7	181	53.5	279	84.4	278	93.8
Oral, pharynx	68	21.2	84	24.8	74	22.4	99	33.4
Esophagus	35	10.9	29	8.6	42	12.7	36	12.2
Stomach	34	10.6	50	14.8	104	31.5	105	35.4
Colon	269	83.8	431	127.4	646	195.4	755	254.7
Rectum	130	40.5	191	56.4	211	63.8	224	75.6
Liver	18	5.6	29	8.6	41	12.4	41	13.8
Gallbladder	25	7.8	24	7.1	48	14.5	48	16.2
Pancreas	90	28.1	122	36.1	194	58.7	214	72.2
Larynx	33	10.3	35	10.3	42	12.7	24	8.1
Lung	612	190.8	905	267.4	1045	316.1	978	330.0
Connective tissue	25	7.8	33	9.8	33	10.0	26	8.8
Melanoma	123	38.3	132	39.0	136	41.1	122	41.2
Breast	1304	406.4	1474	435.5	1676	506.9	1558	525.7
Cervix	48	15.0	51	15.1	45	13.6	45	15.2
Corpus	307	95.7	335	99.0	378	114.3	303	102.2
Ovary	125	39.0	168	49.6	211	63.8	173	58.4
Bladder	132	41.1	155	45.8	190	57.5	219	73.9
Kidney	78	24.3	125	36.9	138	41.7	119	40.2
Brain, CNS	34	10.6	48	14.2	68	20.6	50	16.9
Thyroid	37	11.5	48	14.2	31	9.4	32	10.8
Myeloma	44	13.7	56	16.6	60	18.2	101	34.1
Leukemia	64	10.0	90	26.6	116	35.1	128	43.2
Kaposi sarc.	1	.3	4	1.2	3	.9	2	.7
Unknown	75	23.4	115	34.0	160	48.4	199	67.1

Females: Numbers of Cancers Diagnosed 1995-99,
and Average Annual Incidence Rates per 100,000
Females per Year, by Age Group

	Age 80-84		Age 85-89	
	No.	Rate	No.	Rate
All	4793	2223.1	4275	1988.2
Lymphoma				
Hodgkin	6	2.8	7	3.3
Non-Hodgkin	202	93.7	188	87.4
Oral, pharynx	63	29.2	68	31.6
Esophagus	30	13.9	37	17.2
Stomach	123	57.1	132	61.4
Colon	720	334.0	789	366.9
Rectum	190	88.1	200	93.0
Liver	45	20.9	37	17.2
Gallbladder	38	17.6	46	21.4
Pancreas	181	84.0	179	83.3
Larynx	14	6.5	11	5.1
Lung	679	314.9	371	172.5
Connective tiss.	33	15.3	24	11.2
Melanoma	100	46.4	90	41.9
Breast	1124	521.3	911	423.7
Cervix	32	14.8	34	15.8
Corpus	227	105.3	146	67.9
Ovary	119	55.2	106	49.3
Bladder	199	92.3	195	90.7
Kidney	108	50.1	79	36.7
Brain, CNS	41	19.0	32	14.9
Thyroid	19	8.8	17	7.9
Myeloma	73	33.9	55	25.6
Leukemia	110	51.0	116	54.0
Kaposi sarcoma	5	2.3	11	5.1
Unknown	176	81.6	255	118.6

Females, 1995-99: Total Numbers of Cancers Diagnosed and Average Annual Age-Standardized Rates (ASRs) per 100,000 Females per Year

Site/Type	Total Number	Incidence Rates		
		ASR, 1970	ASR, 2000	Crude Rate
All	44709	387.3	460.3	530.9
Lymphoma				
Hodgkin	268	3.1	3.2	3.2
Non-Hodgkin	1768	14.9	17.9	21.0
Oral, pharynx	652	5.7	6.7	7.7
Esophagus	251	2.1	2.5	3.0
Stomach	644	4.6	6.0	7.7
Colon	4181	30.8	39.4	49.7
Rectum	1484	12.1	14.7	17.6
Liver	260	2.1	2.5	3.1
Gallbladder	255	1.9	2.4	3.0
Pancreas	1129	8.6	10.8	13.4
Larynx	221	2.1	2.3	2.6
Lung	5719	49.4	57.8	67.9
Connective tissue	295	2.8	3.1	3.5
Melanoma	1557	14.4	17.0	18.5
Breast	13751	124.3	146.4	163.3
Cervix	798	7.5	8.9	9.5
Corpus	2668	24.9	28.5	31.7
Ovary	1612	14.9	17.3	19.1
Bladder	1316	10.5	12.8	15.6
Kidney	885	7.7	9.0	10.5
Brain, CNS	509	5.0	5.5	6.0
Thyroid	782	7.7	9.0	9.3
Myeloma	474	3.8	4.7	5.6
Leukemia	937	8.4	9.6	11.1
Kaposi sarcoma	33	.2	.3	.4
Unknown	1160	8.5	10.9	13.8

ASR 1970: Using the total U.S. population in 1970 as the standard population in age-standardization.

ASR 2000: Using the total U.S. population in 2000 as the standard population

Crude rate: The number of cancers in females divided by the total female population of Connecticut in 2000, expressed as a rate per 100,000.

APPENDIX. ICD-O-2 CODES

International Classification of Diseases for Oncology, Version 2 (ICD-O-2)

Lymphomas:

Hodgkin's disease: Morphology codes 9650-9667
Non-Hodgkin's lymphoma: Morphology codes 9590-9595,
9670-9715

Others (excludes lymphomas)

ORAL, PHARYNX: C 000-149.
ESOPHAGUS: C 150-159.
STOMACH: C 160-169.
COLON: C 180-189.
RECTUM, ANUS: C 199, 209-218.
LIVER: C 220-221.
GALLBLADDER: C 239-249.
PANCREAS: C 250-259.
LARYNX: C 320-329.
TRACHEA, BRONCHUS, LUNG: C 339-349.
CONNECTIVE TISSUE: C 490-499.
MELANOMA OF SKIN: C 440-449, Morphology 8720-8799.
PROSTATE: C 619.
FEMALE BREAST: Sex female and C 500-509.
TESTIS: C 620-629.
CERVIX UTERUS: T 530-539.
UTERINE CORPUS, AND UTERUS NOT OTHERWISE
SPECIFIED: C 540-549. 559.
OVARY, ADJACENT STRUCTURES: C 569-578.
BLADDER: C 670-679.
KIDNEY, RENAL PELVIS, URETER: C 649-669.
BRAIN, CEREBRAL MENINGES, CRANIAL NERVES:
C 700-719, 723-725.
THYROID: C 739.
MULTIPLE MYELOMA: Morphology 9731-9732.
LEUKEMIA: Morphology 9800-9941.
KAPOSI'S SARCOMA: Morphology 9140.
UNKNOWN SITE: C 760-768, 800-809