

CONNECTIVE  
BOTH SEXES

TABLE 6A. -- Characteristics of persons reported to the Connecticut Tumor Registry with an initial cancer of the connective tissue, 1935-82+

Category	Male	Female	Total
No. with first primary cancer*	1,112	885	1,997
No. who developed a second primary cancer	92	60	152
Average age at diagnosis of first cancer, yr	50	49	49
Average yr of diagnosis of first cancer	1963	1962	1963
Person-yr of follow-up	8,011	7,371	15,382
Average follow-up, yr	7.2	8.3	7.7
Percent given radiotherapy for first cancer	25.7	23.8	24.9

+ ICD-0 code = 171.

\* Number excludes all persons who survived less than 2 mo after the diagnosis of their first primary cancer or who developed a simultaneous cancer during this period. First primary cancers diagnosed only at autopsy or by death certificate are also excluded as are in situ cancers.

TABLE 6B. -- Microscopic confirmation among persons who developed second primary cancers after an initial cancer of the connective tissue in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	124	81.6
Only the first cancer	21	13.8
Only the second cancer	5	3.3
Neither first nor second cancer	2	1.3
Total second primary cancers	152	100.0

+ Minor discrepancies between table entries, and row and column sums in this and subsequent tables are due to rounding.

CONNECTIVE  
BOTH SEXES

TABLE 6C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the connective tissue among males and females in Connecticut, 1935-82+

Second primary cancer site	Yr after first primary cancer diagnosis														
	<1 yr			1-4 yr			5-9 yr			10+ yr			Total		
	No. starting interval	1,997		1,583			902			597			1,997		
Person-yr in interval	1,446		4,652			3,667			5,617			15,382			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	18	10.75	1.7	43	34.37	1.3	27	28.57	0.9	64	49.72	1.3	152	123.35	1.2*
All excluding site of initial cancer	17	10.69	1.6	42	34.19	1.2	27	28.43	0.9	62	49.48	1.3	148	122.72	1.2*
Buccal cavity, pharynx	0	0.42	0.0	0	1.36	0.0	1	1.12	0.9	2	1.73	1.2	3	4.64	0.6
Lip	0	0.08	0.0	0	0.24	0.0	1	0.19	5.2	1	0.25	4.0	2	0.76	2.6
Tongue	0	0.08	0.0	0	0.27	0.0	0	0.22	0.0	1	0.34	2.9	1	0.92	1.1
Salivary gland	0	0.03	0.0	0	0.09	0.0	0	0.08	0.0	0	0.12	0.0	0	0.32	0.0
Gum, other mouth	0	0.12	0.0	0	0.39	0.0	0	0.32	0.0	0	0.52	0.0	0	1.35	0.0
Pharynx	0	0.10	0.0	0	0.32	0.0	0	0.27	0.0	0	0.43	0.0	0	1.12	0.0
Digestive system	3	3.44	0.9	16	10.85	1.5	9	8.82	1.0	17	14.98	1.1	45	38.08	1.2
Esophagus	0	0.18	0.0	0	0.56	0.0	0	0.45	0.0	0	0.70	0.0	0	1.89	0.0
Stomach	1	0.62	1.6	2	1.93	1.0	3	1.50	2.0	3	2.18	1.4	9	6.22	1.4
Colon	1	1.36	0.7	9	4.30	2.1	6	3.57	1.7	8	6.43	1.2	24	15.65	1.5
Rectum	1	0.69	1.5	1	2.18	0.5	0	1.77	0.0	3	3.00	1.0	5	7.63	0.7
Liver, biliary	0	0.20	0.0	0	0.61	0.0	0	0.49	0.0	0	0.85	0.0	0	2.15	0.0
Pancreas	0	0.34	0.0	2	1.07	1.9	0	0.88	0.0	3	1.56	1.9	5	3.85	1.3
Respiratory system	2	1.51	1.3	6	4.90	1.2	5	4.10	1.2	8	6.99	1.1	21	17.50	1.2
Nasal cavities, sinuses	0	0.02	0.0	0	0.07	0.0	0	0.06	0.0	0	0.09	0.0	0	0.25	0.0
Larynx	0	0.17	0.0	1	0.54	1.9	0	0.44	0.0	0	0.69	0.0	1	1.84	0.5
Trachea, bronchus, lung	2	1.31	1.5	5	4.25	1.2	5	3.56	1.4	8	6.14	1.3	20	15.25	1.3
Female breast	0	0.97	0.0	4	3.15	1.3	2	2.72	0.7	7	5.96	1.2	13	12.79	1.0
Female genital tract	2	0.64	3.1	1	2.07	0.5	2	1.73	1.2	7	3.53	2.0	12	7.97	1.5
Cervix uteri	1	0.15	6.7	0	0.49	0.0	1	0.40	2.5	0	0.66	0.0	2	1.70	1.2
Corpus uteri	1	0.23	4.4	0	0.74	0.0	1	0.65	1.5	5	1.52	3.3*	7	3.13	2.2
Uterus, NOS	0	0.06	0.0	0	0.17	0.0	0	0.12	0.0	0	0.16	0.0	0	0.51	0.0
Ovary, fallopian tubes	0	0.17	0.0	1	0.56	1.8	0	0.48	0.0	2	0.99	2.0	3	2.19	1.4
Prostate gland	6	1.28	4.7*	5	4.10	1.2	4	3.48	1.1	7	5.13	1.4	22	13.98	1.6
Testis	0	0.02	0.0	0	0.07	0.0	0	0.05	0.0	0	0.09	0.0	0	0.24	0.0
Kidney, renal pelvis, ureter	0	0.23	0.0	1	0.73	1.4	0	0.61	0.0	1	1.04	1.0	2	2.60	0.8
Bladder, other urinary	0	0.60	0.0	4	1.91	2.1	2	1.61	1.2	5	2.66	1.9	11	6.78	1.6
Melanoma of the skin	0	0.12	0.0	1	0.41	2.4	0	0.35	0.0	2	0.65	3.1	3	1.53	2.0
Eye	0	0.02	0.0	0	0.05	0.0	0	0.04	0.0	0	0.07	0.0	0	0.19	0.0
Brain, central nervous system	0	0.11	0.0	0	0.38	0.0	0	0.31	0.0	0	0.54	0.0	0	1.35	0.0
Thyroid gland	0	0.05	0.0	0	0.17	0.0	0	0.15	0.0	0	0.27	0.0	0	0.64	0.0
Bone	0	0.02	0.0	2	0.06	32.1*	0	0.05	0.0	1	0.07	14.9	3	0.20	15.4*
Connective tissue	1	0.06	16.4	1	0.18	5.4	0	0.14	0.0	2	0.24	8.3	4	0.63	6.3*
Lymphatic, hematopoietic system	4	0.71	5.6*	1	2.28	0.4	2	1.92	1.0	2	3.42	0.6	9	8.33	1.1
Non-Hodgkin's lymphoma	0	0.23	0.0	0	0.76	0.0	1	0.64	1.6	0	1.18	0.0	1	2.81	0.4
Hodgkin's disease	1	0.06	15.6	0	0.21	0.0	0	0.17	0.0	0	0.27	0.0	1	0.72	1.4
Multiple myeloma	0	0.10	0.0	0	0.33	0.0	0	0.28	0.0	0	0.55	0.0	0	1.27	0.0
Leukemias	3	0.31	9.7*	1	0.98	1.0	1	0.83	1.2	2	1.42	1.4	7	3.53	2.0
Chronic lymphocytic	1	0.09	11.1	0	0.29	0.0	1	0.25	4.0	1	0.44	2.3	3	1.06	2.8
Acute nonlymphocytic	1	0.09	10.8	0	0.30	0.0	0	0.25	0.0	1	0.46	2.2	2	1.10	1.8

+ ICD-O code = 171.

\* P<.05.

CONNECTIVE  
MALES

TABLE 6D. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the connective tissue among males in Connecticut, 1935-82+

Second primary cancer site	Yr after first primary cancer diagnosis														
	<1 yr			1-4 yr			5-9 yr			10+ yr			Total		
	No. starting interval	1,112		874		491		308		1,112		8,011			
Person-yr in interval	805		2,564		1,949		2,693		8,011						
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	13	7.02	1.9	28	22.49	1.2	19	18.61	1.0	32	27.54	1.2	92	75.63	1.2
All excluding site of initial cancer	13	6.98	1.9	27	22.37	1.2	19	18.51	1.0	31	27.39	1.1	90	75.22	1.2
Buccal cavity, pharynx	0	0.36	0.0	0	1.17	0.0	1	0.95	1.0	1	1.34	0.7	2	3.82	0.5
Lip	0	0.07	0.0	0	0.23	0.0	1	0.18	5.5	0	0.23	0.0	1	0.71	1.4
Tongue	0	0.07	0.0	0	0.23	0.0	0	0.19	0.0	1	0.26	3.8	1	0.75	1.3
Salivary gland	0	0.02	0.0	0	0.06	0.0	0	0.05	0.0	0	0.07	0.0	0	0.21	0.0
Gum, other mouth	0	0.10	0.0	0	0.32	0.0	0	0.26	0.0	0	0.38	0.0	0	1.06	0.0
Pharynx	0	0.09	0.0	0	0.28	0.0	0	0.23	0.0	0	0.34	0.0	0	0.94	0.0
Digestive system	2	2.29	0.9	10	7.28	1.4	6	5.93	1.0	10	8.52	1.2	28	24.01	1.2
Esophagus	0	0.15	0.0	0	0.48	0.0	0	0.39	0.0	0	0.55	0.0	0	1.57	0.0
Stomach	1	0.45	2.2	2	1.42	1.4	1	1.11	0.9	1	1.45	0.7	5	4.43	1.1
Colon	1	0.83	1.2	5	2.66	1.9	5	2.21	2.3	4	3.30	1.2	15	8.99	1.7
Rectum	0	0.47	0.0	1	1.50	0.7	0	1.21	0.0	2	1.75	1.1	3	4.94	0.6
Liver, biliary	0	0.12	0.0	0	0.36	0.0	0	0.30	0.0	0	0.44	0.0	0	1.22	0.0
Pancreas	0	0.23	0.0	1	0.73	1.4	0	0.60	0.0	3	0.89	3.4	4	2.44	1.6
Respiratory system	1	1.32	0.8	6	4.28	1.4	4	3.56	1.1	7	5.52	1.3	18	14.67	1.2
Nasal cavities, sinuses	0	0.02	0.0	0	0.05	0.0	0	0.04	0.0	0	0.06	0.0	0	0.17	0.0
Larynx	0	0.16	0.0	1	0.50	2.0	0	0.41	0.0	0	0.61	0.0	1	1.67	0.6
Trachea, bronchus, lung	1	1.14	0.9	5	3.69	1.4	4	3.08	1.3	7	4.81	1.5	17	12.70	1.3
Prostate gland	6	1.28	4.7*	5	4.10	1.2	4	3.48	1.1	7	5.13	1.4	22	13.98	1.6
Testis	0	0.02	0.0	0	0.07	0.0	0	0.05	0.0	0	0.09	0.0	0	0.24	0.0
Kidney, renal pelvis, ureter	0	0.17	0.0	1	0.55	1.8	0	0.46	0.0	0	0.69	0.0	1	1.87	0.5
Bladder, other urinary	0	0.50	0.0	3	1.61	1.9	2	1.35	1.5	3	2.04	1.5	8	5.49	1.5
Melanoma of the skin	0	0.08	0.0	1	0.26	3.8	0	0.22	0.0	0	0.35	0.0	1	0.91	1.1
Eye	0	0.01	0.0	0	0.03	0.0	0	0.03	0.0	0	0.04	0.0	0	0.11	0.0
Brain, central nervous system	0	0.08	0.0	0	0.25	0.0	0	0.20	0.0	0	0.31	0.0	0	0.83	0.0
Thyroid gland	0	0.02	0.0	0	0.07	0.0	0	0.05	0.0	0	0.09	0.0	0	0.23	0.0
Bone	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.04	0.0	0	0.12	0.0
Connective tissue	0	0.04	0.0	1	0.12	8.0	0	0.10	0.0	1	0.15	6.8	2	0.41	4.9
Lymphatic, hematopoietic system	4	0.48	8.4*	1	1.54	0.6	2	1.29	1.6	1	1.92	0.5	8	5.22	1.5
Non-Hodgkin's lymphoma	0	0.15	0.0	0	0.48	0.0	1	0.41	2.5	0	0.62	0.0	1	1.66	0.6
Hodgkin's disease	1	0.04	23.6	0	0.14	0.0	0	0.11	0.0	0	0.16	0.0	1	0.45	2.2
Multiple myeloma	0	0.07	0.0	0	0.22	0.0	0	0.18	0.0	0	0.28	0.0	0	0.75	0.0
Leukemias	3	0.22	13.8*	1	0.70	1.4	1	0.58	1.7	1	0.86	1.2	6	2.36	2.5
Chronic lymphocytic	1	0.07	15.0	0	0.22	0.0	1	0.19	5.4	1	0.28	3.6	3	0.74	4.0
Acute nonlymphocytic	1	0.06	16.0	0	0.20	0.0	0	0.17	0.0	0	0.26	0.0	1	0.70	1.4

+ ICD-O code = 171.

\* P<.05.

CONNECTIVE  
FEMALES

TABLE 6E. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the connective tissue among females in Connecticut, 1935-82+

Second primary cancer site	Yr after first primary cancer diagnosis														
	<1 yr			1-4 yr			5-9 yr			10+ yr			Total		
	No. starting interval	885		709			411			289			885		
Person-yr in interval	641		2,088			1,718			2,924			7,371			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	5	3.73	1.3	15	11.88	1.3	8	9.96	0.8	32	22.18	1.4	60	47.72	1.3
All excluding site of initial cancer	4	3.71	1.1	15	11.82	1.3	8	9.91	0.8	31	22.09	1.4	58	47.50	1.2
Buccal cavity, pharynx	0	0.06	0.0	0	0.20	0.0	0	0.17	0.0	1	0.40	2.5	1	0.83	1.2
Lip	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	1	0.02	45.9	1	0.05	20.4
Tongue	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.08	0.0	0	0.17	0.0
Salivary gland	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.05	0.0	0	0.11	0.0
Gum, other mouth	0	0.02	0.0	0	0.07	0.0	0	0.06	0.0	0	0.14	0.0	0	0.29	0.0
Pharynx	0	0.01	0.0	0	0.04	0.0	0	0.04	0.0	0	0.09	0.0	0	0.18	0.0
Digestive system	1	1.14	0.9	6	3.57	1.7	3	2.89	1.0	7	6.47	1.1	17	14.07	1.2
Esophagus	0	0.02	0.0	0	0.08	0.0	0	0.06	0.0	0	0.15	0.0	0	0.31	0.0
Stomach	0	0.16	0.0	0	0.51	0.0	2	0.38	5.2	2	0.73	2.7	4	1.79	2.2
Colon	0	0.53	0.0	4	1.64	2.4	1	1.36	0.7	4	3.14	1.3	9	6.66	1.4
Rectum	1	0.22	4.6	0	0.68	0.0	0	0.55	0.0	1	1.25	0.8	2	2.69	0.7
Liver, biliary	0	0.08	0.0	0	0.25	0.0	0	0.19	0.0	0	0.41	0.0	0	0.93	0.0
Pancreas	0	0.11	0.0	1	0.34	2.9	0	0.28	0.0	0	0.68	0.0	1	1.41	0.7
Respiratory system	1	0.19	5.1	0	0.63	0.0	1	0.54	1.9	1	1.47	0.7	3	2.83	1.1
Nasal cavities, sinuses	0	0.01	0.0	0	0.02	0.0	0	0.02	0.0	0	0.04	0.0	0	0.08	0.0
Larynx	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.09	0.0	0	0.17	0.0
Trachea, bronchus, lung	1	0.17	5.8	0	0.56	0.0	1	0.48	2.1	1	1.33	0.8	3	2.54	1.2
Female breast	0	0.97	0.0	4	3.15	1.3	2	2.72	0.7	7	5.96	1.2	13	12.79	1.0
Female genital tract	2	0.64	3.1	1	2.07	0.5	2	1.73	1.2	7	3.53	2.0	12	7.97	1.5
Cervix uteri	1	0.15	6.7	0	0.49	0.0	1	0.40	2.5	0	0.66	0.0	2	1.70	1.2
Corpus uteri	1	0.23	4.4	0	0.74	0.0	1	0.65	1.5	5	1.52	3.3*	7	3.13	2.2
Uterus, NOS	0	0.06	0.0	0	0.17	0.0	0	0.12	0.0	0	0.16	0.0	0	0.51	0.0
Ovary, fallopian tubes	0	0.17	0.0	1	0.56	1.8	0	0.48	0.0	2	0.99	2.0	3	2.19	1.4
Kidney, renal pelvis, ureter	0	0.06	0.0	0	0.18	0.0	0	0.15	0.0	1	0.34	2.9	1	0.73	1.4
Bladder, other urinary	0	0.10	0.0	1	0.31	3.2	0	0.26	0.0	2	0.62	3.2	3	1.29	2.3
Melanoma of the skin	0	0.04	0.0	0	0.15	0.0	0	0.13	0.0	2	0.29	6.8	2	0.62	3.2
Eye	0	0.01	0.0	0	0.02	0.0	0	0.02	0.0	0	0.04	0.0	0	0.08	0.0
Brain, central nervous system	0	0.04	0.0	0	0.13	0.0	0	0.11	0.0	0	0.24	0.0	0	0.52	0.0
Thyroid gland	0	0.03	0.0	0	0.11	0.0	0	0.09	0.0	0	0.18	0.0	0	0.41	0.0
Bone	0	0.01	0.0	2	0.02	89.3*	0	0.02	0.0	1	0.03	35.3	3	0.07	40.4*
Connective tissue	1	0.02	50.1	0	0.06	0.0	0	0.05	0.0	1	0.09	10.6	2	0.22	9.0*
Lymphatic, hematopoietic system	0	0.23	0.0	0	0.74	0.0	0	0.64	0.0	1	1.50	0.7	1	3.11	0.3
Non-Hodgkin's lymphoma	0	0.08	0.0	0	0.27	0.0	0	0.23	0.0	0	0.56	0.0	0	1.15	0.0
Hodgkin's disease	0	0.02	0.0	0	0.07	0.0	0	0.06	0.0	0	0.11	0.0	0	0.27	0.0
Multiple myeloma	0	0.04	0.0	0	0.11	0.0	0	0.10	0.0	0	0.27	0.0	0	0.52	0.0
Leukemias	0	0.09	0.0	0	0.29	0.0	0	0.24	0.0	1	0.55	1.8	1	1.17	0.9
Chronic lymphocytic	0	0.02	0.0	0	0.07	0.0	0	0.06	0.0	0	0.16	0.0	0	0.32	0.0
Acute nonlymphocytic	0	0.03	0.0	0	0.09	0.0	0	0.08	0.0	1	0.20	5.1	1	0.40	2.5

+ ICD-O code = 171.

\* P<.05.