

CERVIX
FEMALES

TABLE 1A. -- Characteristics of persons reported to the Connecticut Tumor Registry with an initial cancer of the cervix uteri, 1935-82+

Category	Male	Female	Total
No. with first primary cancer*	0	8,086	8,086
No. who developed a second primary cancer	0	656	656
Average age at diagnosis of first cancer, yr	0	52	52
Average yr of diagnosis of first cancer	0	1958	1958
Person-yr of follow-up	0	66,267	66,267
Average follow-up, yr	0.0	8.2	8.2
Percent given radiotherapy for first cancer	0.0	80.5	80.5

+ ICD-0 code = 180.

* 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 1B. -- Microscopic confirmation among persons who developed second primary cancers after an initial cancer of the cervix uteri in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	533	81.3
Only the first cancer	81	12.3
Only the second cancer	37	5.6
Neither first nor second cancer	5	0.8
Total second primary cancers	656	100.0

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

CERVIX
FEMALES

TABLE 1C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the cervix uteri 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		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
No. starting interval	8,086			6,534			3,741			2,533			8,086		
Person-yr in interval	6,041			18,750			15,292			26,183			66,267		
All second cancers	30	32.19	0.9	137	105.59	1.3*	124	98.87	1.3*	365	248.23	1.5*	656	484.67	1.4*
All excluding site of initial cancer	30	30.27	1.0	137	99.80	1.4*	124	94.22	1.3*	362	241.07	1.5*	653	465.16	1.4*
Buccal cavity, pharynx	1	0.52	1.9	4	1.78	2.2	5	1.72	2.9	10	4.43	2.3*	20	8.45	2.4*
Lip	0	0.03	0.0	0	0.10	0.0	1	0.09	10.6	0	0.25	0.0	1	0.48	2.1
Tongue	0	0.11	0.0	0	0.36	0.0	2	0.35	5.6	0	0.92	0.0	2	1.75	1.1
Salivary gland	0	0.08	0.0	1	0.26	3.8	0	0.23	0.0	0	0.53	0.0	1	1.10	0.9
Gum, other mouth	1	0.16	6.1	1	0.57	1.8	0	0.57	0.0	5	1.55	3.2*	7	2.85	2.5
Pharynx	0	0.12	0.0	2	0.42	4.8	2	0.41	4.9	5	1.01	4.9*	9	1.96	4.6*
Digestive system	6	8.85	0.7	30	28.56	1.1	32	27.05	1.2	122	75.09	1.6*	190	139.49	1.4*
Esophagus	0	0.19	0.0	3	0.63	4.7	1	0.61	1.6	3	1.68	1.8	7	3.11	2.3
Stomach	2	1.38	1.4	6	4.20	1.4	3	3.69	0.8	15	8.67	1.7	26	17.94	1.4
Colon	3	3.87	0.8	9	12.72	0.7	15	12.33	1.2	48	36.15	1.3	75	65.04	1.2
Rectum	1	1.76	0.6	8	5.75	1.4	5	5.44	0.9	39	14.57	2.7*	53	27.51	1.9*
Liver, biliary	0	0.63	0.0	0	1.98	0.0	2	1.83	1.1	6	4.85	1.2	8	9.28	0.9
Pancreas	0	0.80	0.0	3	2.62	1.1	4	2.54	1.6	7	7.76	0.9	14	13.72	1.0
Respiratory system	5	1.47	3.4*	28	5.20	5.4*	24	5.25	4.6*	42	16.08	2.6*	99	27.99	3.5*
Nasal cavities, sinuses	0	0.06	0.0	2	0.19	10.5*	0	0.18	0.0	1	0.41	2.4	3	0.84	3.6
Larynx	1	0.10	10.0	2	0.35	5.7	2	0.35	5.7	5	0.93	5.4*	10	1.74	5.7*
Trachea, bronchus, lung	4	1.29	3.1	24	4.58	5.2*	22	4.65	4.7*	36	14.54	2.5*	86	25.05	3.4*
Female breast	4	9.05	0.4	30	29.98	1.0	22	27.92	0.8	51	64.50	0.8	107	131.40	0.8*
Female genital tract	7	6.72	1.0	13	21.58	0.6	23	19.27	1.2	56	40.23	1.4*	99	87.76	1.1
Cervix uteri	0	1.92	0.0	0	5.79	0.0*	0	4.65	0.0*	3	7.16	0.4	3	19.51	0.2*
Corpus uteri	3	2.10	1.4	3	7.25	0.4	10	7.09	1.4	21	17.60	1.2	37	34.03	1.1
Uterus, NOS	1	0.67	1.5	1	1.92	0.5	2	1.50	1.3	4	2.09	1.9	8	6.18	1.3
Ovary, fallopian tubes	3	1.74	1.7	4	5.69	0.7	8	5.19	1.5	17	11.13	1.5	32	23.74	1.3
Kidney, renal pelvis, ureter	2	0.45	4.5	2	1.51	1.3	0	1.47	0.0	11	4.01	2.7*	15	7.44	2.0*
Bladder, other urinary	1	0.68	1.5	6	2.24	2.7	5	2.20	2.3	28	6.95	4.0*	40	12.07	3.3*
Melanoma of the skin	1	0.39	2.6	1	1.34	0.7	1	1.26	0.8	1	2.81	0.4	4	5.80	0.7
Eye	0	0.06	0.0	1	0.20	5.0	0	0.18	0.0	0	0.42	0.0	1	0.87	1.2
Brain, central nervous system	0	0.36	0.0	1	1.23	0.8	1	1.16	0.9	1	2.66	0.4	3	5.40	0.6
Thyroid gland	0	0.29	0.0	1	0.97	1.0	0	0.86	0.0	0	1.69	0.0	1	3.80	0.3
Bone	0	0.07	0.0	1	0.20	5.0	0	0.17	0.0	1	0.31	3.2	2	0.75	2.7
Connective tissue	0	0.16	0.0	2	0.52	3.9	1	0.45	2.2	2	1.01	2.0	5	2.14	2.3
Lymphatic, hematopoietic system	2	1.78	1.1	9	5.96	1.5	7	5.77	1.2	17	16.57	1.0	35	30.08	1.2
Non-Hodgkin's lymphoma	1	0.65	1.5	7	2.24	3.1*	1	2.20	0.5	7	6.26	1.1	16	11.34	1.4
Hodgkin's disease	0	0.20	0.0	0	0.62	0.0	1	0.54	1.9	1	1.14	0.9	2	2.49	0.8
Multiple myeloma	0	0.25	0.0	0	0.87	0.0	0	0.89	0.0	4	3.05	1.3	4	5.06	0.8
Leukemias	1	0.68	1.5	2	2.21	0.9	5	2.12	2.4	5	6.10	0.8	13	11.10	1.2
Chronic lymphocytic	0	0.15	0.0	0	0.52	0.0	0	0.53	0.0	2	1.81	1.1	2	3.01	0.7
Acute nonlymphocytic	0	0.21	0.0	1	0.70	1.4	0	0.68	0.0	0	2.09	0.0	1	3.68	0.3

+ ICD-0 code = 180.

* P<.05.

CERVIX
FEMALES
RADIOTHERAPY

TABLE 1D. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the cervix uteri among females given radiotherapy 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	6,509		5,202			2,870			1,974			6,509		
Person-yr in interval	4,856		14,546			11,819			20,508			51,730			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	24	27.39	0.9	112	87.76	1.3*	102	80.86	1.3*	315	199.55	1.6*	553	395.39	1.4*
All excluding site of initial cancer	24	25.77	0.9	112	83.01	1.3*	102	77.10	1.3*	312	193.81	1.6*	550	379.53	1.4*
Buccal cavity, pharynx	1	0.44	2.3	4	1.47	2.7	3	1.39	2.2	7	3.49	2.0	15	6.79	2.2*
Lip	0	0.03	0.0	0	0.09	0.0	1	0.08	12.5	0	0.20	0.0	1	0.40	2.5
Tongue	0	0.09	0.0	0	0.30	0.0	0	0.29	0.0	0	0.73	0.0	0	1.40	0.0
Salivary gland	0	0.07	0.0	1	0.21	4.7	0	0.19	0.0	0	0.43	0.0	1	0.90	1.1
Gum, other mouth	1	0.14	7.2	1	0.47	2.1	0	0.46	0.0	4	1.22	3.3	6	2.29	2.6
Pharynx	0	0.10	0.0	2	0.34	5.9	2	0.33	6.1	3	0.78	3.8	7	1.55	4.5*
Digestive system	6	7.67	0.8	23	24.48	0.9	26	22.88	1.1	107	61.75	1.7*	162	116.74	1.4*
Esophagus	0	0.17	0.0	3	0.54	5.6*	1	0.50	2.0	3	1.34	2.2	7	2.55	2.7*
Stomach	2	1.21	1.6	6	3.67	1.6	2	3.19	0.6	13	7.29	1.8	23	15.36	1.5
Colon	3	3.34	0.9	5	10.85	0.5	12	10.39	1.2	41	29.68	1.4	61	54.25	1.1
Rectum	1	1.53	0.7	6	4.90	1.2	4	4.56	0.9	36	11.88	3.0*	47	22.86	2.1*
Liver, biliary	0	0.55	0.0	0	1.72	0.0	1	1.57	0.6	4	4.05	1.0	5	7.89	0.6
Pancreas	0	0.69	0.0	3	2.24	1.3	4	2.15	1.9	6	6.34	0.9	13	11.42	1.1
Respiratory system	3	1.23	2.4	27	4.22	6.4*	22	4.16	5.3*	34	12.45	2.7*	86	22.05	3.9*
Nasal cavities, sinuses	0	0.05	0.0	2	0.16	12.5*	0	0.14	0.0	1	0.33	3.0	3	0.68	4.4
Larynx	0	0.08	0.0	2	0.28	7.1	1	0.28	3.6	4	0.72	5.6*	7	1.36	5.2*
Trachea, bronchus, lung	3	1.08	2.8	23	3.71	6.2*	21	3.68	5.7*	29	11.26	2.6*	76	19.72	3.9*
Female breast	3	7.61	0.4	17	24.41	0.7	16	22.31	0.7	36	51.06	0.7*	72	105.34	0.7*
Female genital tract	5	5.73	0.9	12	17.88	0.7	21	15.67	1.3	53	32.04	1.7*	91	71.30	1.3*
Cervix uteri	0	1.62	0.0	0	4.75	0.0*	0	3.76	0.0*	3	5.74	0.5	3	15.86	0.2*
Corpus uteri	2	1.79	1.1	3	5.98	0.5	10	5.72	1.7	20	13.82	1.4	35	27.30	1.3
Uterus, NOS	1	0.59	1.7	1	1.67	0.6	2	1.30	1.5	4	1.78	2.2	8	5.34	1.5
Ovary, fallopian tubes	2	1.48	1.4	4	4.70	0.9	7	4.19	1.7	16	8.86	1.8*	29	19.22	1.5*
Kidney, renal pelvis, ureter	2	0.38	5.2	2	1.27	1.6	0	1.22	0.0	11	3.23	3.4*	15	6.10	2.5*
Bladder, other urinary	1	0.58	1.7	6	1.90	3.2*	5	1.84	2.7	28	5.65	5.0*	40	9.96	4.0*
Melanoma of the skin	1	0.31	3.2	1	1.02	1.0	0	0.95	0.0	0	2.18	0.0	2	4.46	0.4
Eye	0	0.05	0.0	1	0.17	5.9	0	0.15	0.0	0	0.34	0.0	1	0.71	1.4
Brain, central nervous system	0	0.30	0.0	1	0.99	1.0	1	0.92	1.1	1	2.08	0.5	3	4.29	0.7
Thyroid gland	0	0.23	0.0	1	0.73	1.4	0	0.66	0.0	0	1.34	0.0	1	2.95	0.3
Bone	0	0.06	0.0	1	0.17	5.8	0	0.14	0.0	1	0.25	3.9	2	0.62	3.2
Connective tissue	0	0.14	0.0	1	0.42	2.4	1	0.37	2.7	1	0.81	1.2	3	1.74	1.7
Lymphatic, hematopoietic system	1	1.51	0.7	8	4.94	1.6	5	4.74	1.1	17	13.44	1.3	31	24.63	1.3
Non-Hodgkin's lymphoma	1	0.55	1.8	6	1.85	3.2*	0	1.79	0.0	7	5.02	1.4	14	9.21	1.5
Hodgkin's disease	0	0.16	0.0	0	0.49	0.0	1	0.43	2.3	1	0.91	1.1	2	1.99	1.0
Multiple myeloma	0	0.21	0.0	0	0.73	0.0	0	0.74	0.0	4	2.47	1.6	4	4.15	1.0
Leukemias	0	0.58	0.0	2	1.85	1.1	4	1.76	2.3	5	5.02	1.0	11	9.21	1.2
Chronic lymphocytic	0	0.13	0.0	0	0.44	0.0	0	0.44	0.0	2	1.49	1.3	2	2.50	0.8
Acute nonlymphocytic	0	0.17	0.0	1	0.57	1.8	0	0.55	0.0	0	1.70	0.0	1	2.99	0.3

+ ICD-O code = 180.

* P<.05.

CERVIX
FEMALES
NO RADIOTHERAPY

TABLE 1E. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the cervix uteri among females not given radiotherapy 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	1,577		1,332			871			559			1,577		
Person-yr in interval	1,185		4,204			3,473			5,675			14,537			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	6	4.79	1.3	25	17.83	1.4	22	18.01	1.2	50	48.68	1.0	103	89.28	1.2
All excluding site of initial cancer	6	4.50	1.3	25	16.79	1.5	22	17.12	1.3	50	47.26	1.1	103	85.63	1.2
Buccal cavity, pharynx	0	0.08	0.0	0	0.31	0.0	2	0.33	6.0	3	0.94	3.2	5	1.67	3.0
Lip	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0	0	0.08	0.0
Tongue	0	0.02	0.0	0	0.06	0.0	2	0.07	29.0*	0	0.20	0.0	2	0.35	5.8
Salivary gland	0	0.01	0.0	0	0.05	0.0	0	0.04	0.0	0	0.10	0.0	0	0.21	0.0
Gum, other mouth	0	0.03	0.0	0	0.10	0.0	0	0.11	0.0	1	0.33	3.0	1	0.56	1.8
Pharynx	0	0.02	0.0	0	0.07	0.0	0	0.08	0.0	2	0.23	8.7	2	0.40	4.9
Digestive system	0	1.17	0.0	7	4.08	1.7	6	4.17	1.4	15	13.34	1.1	28	22.75	1.2
Esophagus	0	0.03	0.0	0	0.10	0.0	0	0.10	0.0	0	0.33	0.0	0	0.56	0.0
Stomach	0	0.17	0.0	0	0.53	0.0	1	0.50	2.0	2	1.38	1.4	3	2.58	1.2
Colon	0	0.53	0.0	4	1.87	2.1	3	1.94	1.5	7	6.46	1.1	14	10.79	1.3
Rectum	0	0.23	0.0	2	0.85	2.4	1	0.88	1.1	3	2.69	1.1	6	4.65	1.3
Liver, biliary	0	0.08	0.0	0	0.26	0.0	1	0.25	3.9	2	0.80	2.5	3	1.39	2.2
Pancreas	0	0.11	0.0	0	0.38	0.0	0	0.39	0.0	1	1.42	0.7	1	2.30	0.4
Respiratory system	2	0.24	8.3	1	0.98	1.0	2	1.09	1.8	8	3.62	2.2	13	5.94	2.2*
Nasal cavities, sinuses	0	0.01	0.0	0	0.03	0.0	0	0.03	0.0	0	0.08	0.0	0	0.16	0.0
Larynx	1	0.02	58.3	0	0.07	0.0	1	0.08	12.9	1	0.22	4.6	3	0.38	7.8*
Trachea, bronchus, lung	1	0.21	4.7	1	0.87	1.2	1	0.97	1.0	7	3.28	2.1	10	5.33	1.9
Female breast	1	1.45	0.7	13	5.57	2.3*	6	5.61	1.1	15	13.45	1.1	35	26.06	1.3
Female genital tract	2	0.99	2.0	1	3.70	0.3	2	3.60	0.6	3	8.19	0.4	8	16.47	0.5*
Cervix uteri	0	0.29	0.0	0	1.04	0.0	0	0.89	0.0	0	1.42	0.0	0	3.65	0.0
Corpus uteri	1	0.31	3.2	0	1.27	0.0	0	1.37	0.0	1	3.78	0.3	2	6.73	0.3
Uterus, NOS	0	0.08	0.0	0	0.25	0.0	0	0.21	0.0	0	0.31	0.0	0	0.84	0.0
Ovary, fallopian tubes	1	0.26	3.8	0	1.00	0.0	1	0.99	1.0	1	2.27	0.4	3	4.52	0.7
Kidney, renal pelvis, ureter	0	0.07	0.0	0	0.24	0.0	0	0.26	0.0	0	0.78	0.0	0	1.34	0.0
Bladder, other urinary	0	0.10	0.0	0	0.35	0.0	0	0.37	0.0	0	1.29	0.0	0	2.10	0.0
Melanoma of the skin	0	0.08	0.0	0	0.32	0.0	1	0.31	3.3	1	0.63	1.6	2	1.34	1.5
Eye	0	0.01	0.0	0	0.03	0.0	0	0.03	0.0	0	0.08	0.0	0	0.15	0.0
Brain, central nervous system	0	0.06	0.0	0	0.23	0.0	0	0.24	0.0	0	0.58	0.0	0	1.11	0.0
Thyroid gland	0	0.06	0.0	0	0.23	0.0	0	0.20	0.0	0	0.35	0.0	0	0.85	0.0
Bone	0	0.01	0.0	0	0.03	0.0	0	0.03	0.0	0	0.06	0.0	0	0.12	0.0
Connective tissue	0	0.03	0.0	1	0.10	10.5	0	0.09	0.0	1	0.19	5.1	2	0.40	5.0
Lymphatic, hematopoietic system	1	0.28	3.6	1	1.02	1.0	2	1.03	1.9	0	3.13	0.0	4	5.45	0.7
Non-Hodgkin's lymphoma	0	0.10	0.0	1	0.39	2.6	1	0.41	2.4	0	1.24	0.0	2	2.14	0.9
Hodgkin's disease	0	0.04	0.0	0	0.13	0.0	0	0.11	0.0	0	0.23	0.0	0	0.51	0.0
Multiple myeloma	0	0.04	0.0	0	0.14	0.0	0	0.15	0.0	0	0.58	0.0	0	0.91	0.0
Leukemias	1	0.10	10.0	0	0.36	0.0	1	0.36	2.8	0	1.08	0.0	2	1.89	1.1
Chronic lymphocytic	0	0.02	0.0	0	0.08	0.0	0	0.08	0.0	0	0.32	0.0	0	0.50	0.0
Acute nonlymphocytic	0	0.03	0.0	0	0.13	0.0	0	0.13	0.0	0	0.39	0.0	0	0.69	0.0

+ ICD-O code = 180.

* P<.05.

CERVIX
 FEMALES
 LONG-TERM SURVIVORS

TABLE 1F. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the cervix uteri among females, long-term survivors in Connecticut, 1935-82+

Second primary cancer site	Yr after first primary cancer diagnosis														
	1-9 yr			10-19 yr			20-29 yr			30+ yr			Total (<1-30+ yr)		
	No. starting interval	6,534		2,533			1,173			323			8,086		
Person-yr in interval	34,043		17,807			6,884			1,493			66,267			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	261	204.39	1.3*	205	148.67	1.4*	116	77.47	1.5*	44	22.14	2.0*	656	484.67	1.4*
All excluding site of initial cancer	261	193.95	1.3*	204	143.55	1.4*	114	75.75	1.5*	44	21.82	2.0*	653	465.16	1.4*
Buccal cavity, pharynx	9	3.50	2.6*	7	2.69	2.6*	3	1.39	2.2	0	0.35	0.0	20	8.45	2.4*
Lip	1	0.20	5.0	0	0.15	0.0	0	0.08	0.0	0	0.03	0.0	1	0.48	2.1
Tongue	2	0.72	2.8	0	0.56	0.0	0	0.29	0.0	0	0.07	0.0	2	1.75	1.1
Salivary gland	1	0.49	2.0	0	0.33	0.0	0	0.16	0.0	0	0.04	0.0	1	1.10	0.9
Gum, other mouth	1	1.13	0.9	2	0.92	2.2	3	0.50	6.0*	0	0.14	0.0	7	2.85	2.5
Pharynx	4	0.82	4.9*	5	0.64	7.8*	0	0.31	0.0	0	0.07	0.0	9	1.96	4.6*
Digestive system	62	55.59	1.1	70	43.10	1.6*	38	24.29	1.6*	14	7.72	1.8	190	139.49	1.4*
Esophagus	4	1.24	3.2	2	0.97	2.1	0	0.54	0.0	1	0.16	6.1	7	3.11	2.3
Stomach	9	7.89	1.1	9	5.26	1.7	6	2.63	2.3	0	0.78	0.0	26	17.94	1.4
Colon	24	25.04	1.0	30	20.33	1.5	14	11.89	1.2	4	3.94	1.0	75	65.04	1.2
Rectum	13	11.19	1.2	22	8.53	2.6*	10	4.65	2.2*	7	1.40	5.0*	53	27.51	1.9*
Liver, biliary	2	3.80	0.5	2	2.84	0.7	3	1.54	1.9	1	0.48	2.1	8	9.28	0.9
Pancreas	7	5.16	1.4	3	4.31	0.7	3	2.61	1.2	1	0.84	1.2	14	13.72	1.0
Respiratory system	52	10.45	5.0*	32	9.02	3.5*	8	5.51	1.5	2	1.55	1.3	99	27.99	3.5*
Nasal cavities, sinuses	2	0.37	5.5	1	0.25	3.9	0	0.13	0.0	0	0.03	0.0	3	0.84	3.6
Larynx	4	0.71	5.7*	3	0.56	5.3*	2	0.30	6.7	0	0.07	0.0	10	1.74	5.7*
Trachea, bronchus, lung	46	9.22	5.0*	28	8.09	3.5*	6	5.02	1.2	2	1.43	1.4	86	25.05	3.4*
Female breast	52	57.88	0.9	26	40.01	0.6*	19	19.37	1.0	6	5.13	1.2	107	131.40	0.8*
Female genital tract	36	40.84	0.9	28	26.15	1.1	19	11.48	1.7	9	2.61	3.5*	99	87.76	1.1
Cervix uteri	0	10.44	0.0*	1	5.12	0.2	2	1.72	1.2	0	0.32	0.0	3	19.51	0.2*
Corpus uteri	13	14.33	0.9	11	11.01	1.0	7	5.39	1.3	3	1.21	2.5	37	34.03	1.1
Uterus, NOS	3	3.43	0.9	2	1.56	1.3	2	0.44	4.5	0	0.08	0.0	8	6.18	1.3
Ovary, fallopian tubes	12	10.88	1.1	7	7.16	1.0	4	3.21	1.2	6	0.76	7.9*	32	23.74	1.3
Kidney, renal pelvis, ureter	2	2.98	0.7	2	2.34	0.9	7	1.31	5.4*	2	0.37	5.5	15	7.44	2.0*
Bladder, other urinary	11	4.45	2.5*	15	3.81	3.9*	8	2.35	3.4*	5	0.79	6.3*	40	12.07	3.3*
Melanoma of the skin	2	2.60	0.8	0	1.74	0.0	1	0.85	1.2	0	0.22	0.0	4	5.80	0.7
Eye	1	0.38	2.6	0	0.26	0.0	0	0.13	0.0	0	0.03	0.0	1	0.87	1.2
Brain, central nervous system	2	2.39	0.8	1	1.68	0.6	0	0.80	0.0	0	0.18	0.0	3	5.40	0.6
Thyroid gland	1	1.83	0.5	0	1.10	0.0	0	0.48	0.0	0	0.11	0.0	1	3.80	0.3
Bone	1	0.37	2.7	1	0.20	5.0	0	0.09	0.0	0	0.02	0.0	2	0.75	2.7
Connective tissue	3	0.97	3.1	0	0.63	0.0	1	0.30	3.4	1	0.08	12.1	5	2.14	2.3
Lymphatic, hematopoietic system	16	11.73	1.4	10	9.40	1.1	5	5.43	0.9	2	1.74	1.1	35	30.08	1.2
Non-Hodgkin's lymphoma	8	4.44	1.8	5	3.57	1.4	2	2.04	1.0	0	0.64	0.0	16	11.34	1.4
Hodgkin's disease	1	1.16	0.9	1	0.73	1.4	0	0.34	0.0	0	0.07	0.0	2	2.49	0.8
Multiple myeloma	0	1.76	0.0	1	1.64	0.6	1	1.06	0.9	2	0.35	5.6	4	5.06	0.8
Leukemias	7	4.33	1.6	3	3.44	0.9	2	2.00	1.0	0	0.67	0.0	13	11.10	1.2
Chronic lymphocytic	0	1.04	0.0	1	0.97	1.0	1	0.63	1.6	0	0.22	0.0	2	3.01	0.7
Acute nonlymphocytic	1	1.38	0.7	0	1.14	0.0	0	0.70	0.0	0	0.25	0.0	1	3.68	0.3

+ ICD-O code = 180.

* P<.05.

CERVIX
 FEMALES
 LONG-TERM SURVIVORS
 RADIOTHERAPY

TABLE 1G. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the cervix uteri among females given radiotherapy, long-term survivors in Connecticut, 1935-82+

Second primary cancer site	Yr after first primary cancer diagnosis														
	1-9 yr			10-19 yr			20-29 yr			30+ yr			Total (<1-30+ yr)		
	No. starting interval	5,202		1,974			906			258			6,509		
Person-yr in interval	26,366		13,914			5,353			1,241			51,730			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	214	168.56	1.3*	180	119.97	1.5*	98	61.07	1.6*	37	18.55	2.0*	553	395.39	1.4*
All excluding site of initial cancer	214	160.06	1.3*	179	115.87	1.5*	96	59.70	1.6*	37	18.28	2.0*	550	379.53	1.4*
Buccal cavity, pharynx	7	2.86	2.5	5	2.13	2.3	2	1.07	1.9	0	0.29	0.0	15	6.79	2.2*
Lip	1	0.17	5.9	0	0.12	0.0	0	0.06	0.0	0	0.02	0.0	1	0.40	2.5
Tongue	0	0.59	0.0	0	0.45	0.0	0	0.22	0.0	0	0.06	0.0	0	1.40	0.0
Salivary gland	1	0.40	2.5	0	0.26	0.0	0	0.13	0.0	0	0.04	0.0	1	0.90	1.1
Gum, other mouth	1	0.92	1.1	2	0.73	2.8	2	0.39	5.2	0	0.11	0.0	6	2.29	2.6
Pharynx	4	0.67	6.0*	3	0.50	6.0*	0	0.23	0.0	0	0.05	0.0	7	1.55	4.5*
Digestive system	49	47.35	1.0	62	35.66	1.7*	33	19.57	1.7*	12	6.53	1.8	162	116.74	1.4*
Esophagus	4	1.04	3.8*	2	0.78	2.6	0	0.42	0.0	1	0.14	7.3	7	2.55	2.7*
Stomach	8	6.86	1.2	7	4.46	1.6	6	2.17	2.8*	0	0.67	0.0	23	15.36	1.5
Colon	17	21.24	0.8	26	16.78	1.5*	12	9.58	1.3	3	3.33	0.9	61	54.25	1.1
Rectum	10	9.46	1.1	20	7.00	2.9*	9	3.71	2.4*	7	1.18	5.9*	47	22.86	2.1*
Liver, biliary	1	3.29	0.3	2	2.39	0.8	1	1.26	0.8	1	0.41	2.5	5	7.89	0.6
Pancreas	7	4.39	1.6	3	3.55	0.8	3	2.08	1.4	0	0.71	0.0	13	11.42	1.1
Respiratory system	49	8.37	5.9*	26	7.09	3.7*	7	4.12	1.7	1	1.25	0.8	86	22.05	3.9*
Nasal cavities, sinuses	2	0.30	6.6	1	0.20	4.9	0	0.10	0.0	0	0.02	0.0	3	0.68	4.4
Larynx	3	0.56	5.4*	2	0.44	4.6	2	0.22	9.0*	0	0.06	0.0	7	1.36	5.2*
Trachea, bronchus, lung	44	7.39	6.0*	23	6.36	3.6*	5	3.75	1.3	1	1.15	0.9	76	19.72	3.9*
Female breast	33	46.71	0.7*	19	31.69	0.6*	11	15.09	0.7	6	4.28	1.4	72	105.34	0.7*
Female genital tract	33	33.55	1.0	27	20.92	1.3	19	8.96	2.1*	7	2.16	3.2*	91	71.30	1.3*
Cervix uteri	0	8.50	0.0*	1	4.10	0.2	2	1.37	1.5	0	0.27	0.0	3	15.86	0.2*
Corpus uteri	13	11.70	1.1	11	8.70	1.3	7	4.13	1.7	2	0.99	2.0	35	27.30	1.3
Uterus, NOS	3	2.97	1.0	2	1.33	1.5	2	0.37	5.4	0	0.07	0.0	8	5.34	1.5
Ovary, fallopian tubes	11	8.89	1.2	7	5.71	1.2	4	2.52	1.6	5	0.64	7.9*	29	19.22	1.5*
Kidney, renal pelvis, ureter	2	2.48	0.8	2	1.90	1.1	7	1.03	6.8*	2	0.30	6.6	15	6.10	2.5*
Bladder, other urinary	11	3.73	2.9*	15	3.11	4.8*	8	1.88	4.3*	5	0.67	7.5*	40	9.96	4.0*
Melanoma of the skin	1	1.97	0.5	0	1.35	0.0	0	0.65	0.0	0	0.18	0.0	2	4.46	0.4
Eye	1	0.32	3.1	0	0.21	0.0	0	0.10	0.0	0	0.03	0.0	1	0.71	1.4
Brain, central nervous system	2	1.91	1.0	1	1.32	0.8	0	0.61	0.0	0	0.15	0.0	3	4.29	0.7
Thyroid gland	1	1.39	0.7	0	0.87	0.0	0	0.37	0.0	0	0.09	0.0	1	2.95	0.3
Bone	1	0.31	3.2	1	0.16	6.1	0	0.07	0.0	0	0.02	0.0	2	0.62	3.2
Connective tissue	2	0.79	2.5	0	0.51	0.0	1	0.24	4.2	0	0.07	0.0	3	1.74	1.7
Lymphatic, hematopoietic system	13	9.68	1.3	10	7.65	1.3	5	4.32	1.2	2	1.48	1.4	31	24.63	1.3
Non-Hodgkin's lymphoma	6	3.64	1.6	5	2.88	1.7	2	1.60	1.3	0	0.54	0.0	14	9.21	1.5
Hodgkin's disease	1	0.92	1.1	1	0.59	1.7	0	0.27	0.0	0	0.06	0.0	2	1.99	1.0
Multiple myeloma	0	1.47	0.0	1	1.33	0.8	1	0.84	1.2	2	0.30	6.6	4	4.15	1.0
Leukemias	6	3.62	1.7	3	2.83	1.1	2	1.62	1.2	0	0.57	0.0	11	9.21	1.2
Chronic lymphocytic	0	0.88	0.0	1	0.80	1.3	1	0.51	2.0	0	0.19	0.0	2	2.50	0.8
Acute nonlymphocytic	1	1.12	0.9	0	0.92	0.0	0	0.56	0.0	0	0.21	0.0	1	2.99	0.3

+ ICD-0 code = 180.

* P<.05.

CERVIX
 FEMALES
 LONG-TERM SURVIVORS
 NO RADIOTHERAPY

TABLE 1H. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the cervix uteri among females not given radiotherapy, long-term survivors in Connecticut, 1935-82+

	Yr after first primary cancer diagnosis														
	1-9 yr			10-19 yr			20-29 yr			30+ yr			Total (<1-30+ yr)		
No. starting interval	1,332			559			267			65			1,577		
Person-yr in interval	7,677			3,893			1,530			251			14,537		
Second primary cancer site	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	47	35.83	1.3	25	28.69	0.9	18	16.41	1.1	7	3.59	2.0	103	89.28	1.2
All excluding site of initial cancer	47	33.89	1.4*	25	27.68	0.9	18	16.06	1.1	7	3.54	2.0	103	85.63	1.2
Buccal cavity, pharynx	2	0.64	3.1	2	0.56	3.6	1	0.32	3.1	0	0.06	0.0	5	1.67	3.0
Lip	0	0.03	0.0	0	0.03	0.0	0	0.01	0.0	0	0.00	0.0	0	0.08	0.0
Tongue	2	0.13	15.1*	0	0.12	0.0	0	0.07	0.0	0	0.01	0.0	2	0.35	5.8
Salivary gland	0	0.09	0.0	0	0.06	0.0	0	0.03	0.0	0	0.01	0.0	0	0.21	0.0
Gum, other mouth	0	0.21	0.0	0	0.19	0.0	1	0.12	8.7	0	0.02	0.0	1	0.56	1.8
Pharynx	0	0.16	0.0	2	0.14	14.3*	0	0.08	0.0	0	0.01	0.0	2	0.40	4.9
Digestive system	13	8.24	1.6	8	7.44	1.1	5	4.72	1.1	2	1.19	1.7	28	22.75	1.2
Esophagus	0	0.20	0.0	0	0.19	0.0	0	0.12	0.0	0	0.03	0.0	0	0.56	0.0
Stomach	1	1.03	1.0	2	0.80	2.5	0	0.46	0.0	0	0.11	0.0	3	2.58	1.2
Colon	7	3.80	1.8	4	3.55	1.1	2	2.31	0.9	1	0.61	1.7	14	10.79	1.3
Rectum	3	1.73	1.7	2	1.53	1.3	1	0.94	1.1	0	0.22	0.0	6	4.65	1.3
Liver, biliary	1	0.51	1.9	0	0.45	0.0	2	0.28	7.1	0	0.07	0.0	3	1.39	2.2
Pancreas	0	0.77	0.0	0	0.77	0.0	0	0.52	0.0	1	0.13	7.6	1	2.30	0.4
Respiratory system	3	2.07	1.4	6	1.93	3.1*	1	1.39	0.7	1	0.30	3.3	13	5.94	2.2*
Nasal cavities, sinuses	0	0.06	0.0	0	0.05	0.0	0	0.03	0.0	0	0.01	0.0	0	0.16	0.0
Larynx	1	0.15	6.8	1	0.13	7.8	0	0.08	0.0	0	0.01	0.0	3	0.38	7.8*
Trachea, bronchus, lung	2	1.84	1.1	5	1.73	2.9	1	1.27	0.8	1	0.28	3.6	10	5.33	1.9
Female breast	19	11.18	1.7*	7	8.31	0.8	8	4.29	1.9	0	0.85	0.0	35	26.06	1.3
Female genital tract	3	7.30	0.4	1	5.23	0.2	0	2.52	0.0	2	0.44	4.5	8	16.47	0.5*
Cervix uteri	0	1.94	0.0	0	1.01	0.0	0	0.35	0.0	0	0.05	0.0	0	3.65	0.0
Corpus uteri	0	2.63	0.0	0	2.31	0.0	0	1.26	0.0	1	0.22	4.6	2	6.73	0.3
Uterus, NOS	0	0.46	0.0	0	0.23	0.0	0	0.07	0.0	0	0.01	0.0	0	0.84	0.0
Ovary, fallopian tubes	1	1.99	0.5	0	1.45	0.0	0	0.70	0.0	1	0.13	7.8	3	4.52	0.7
Kidney, renal pelvis, ureter	0	0.50	0.0	0	0.44	0.0	0	0.28	0.0	0	0.06	0.0	0	1.34	0.0
Bladder, other urinary	0	0.71	0.0	0	0.70	0.0	0	0.48	0.0	0	0.12	0.0	0	2.10	0.0
Melanoma of the skin	1	0.63	1.6	0	0.39	0.0	1	0.20	5.0	0	0.04	0.0	2	1.34	1.5
Eye	0	0.06	0.0	0	0.05	0.0	0	0.03	0.0	0	0.01	0.0	0	0.15	0.0
Brain, central nervous system	0	0.47	0.0	0	0.36	0.0	0	0.18	0.0	0	0.04	0.0	0	1.11	0.0
Thyroid gland	0	0.44	0.0	0	0.23	0.0	0	0.10	0.0	0	0.02	0.0	0	0.85	0.0
Bone	0	0.06	0.0	0	0.04	0.0	0	0.02	0.0	0	0.00	0.0	0	0.12	0.0
Connective tissue	1	0.18	5.5	0	0.12	0.0	0	0.06	0.0	1	0.01	71.5	2	0.40	5.0
Lymphatic, hematopoietic system	3	2.05	1.5	0	1.75	0.0	0	1.11	0.0	0	0.27	0.0	4	5.45	0.7
Non-Hodgkin's lymphoma	2	0.80	2.5	0	0.69	0.0	0	0.44	0.0	0	0.11	0.0	2	2.14	0.9
Hodgkin's disease	0	0.24	0.0	0	0.14	0.0	0	0.07	0.0	0	0.01	0.0	0	0.51	0.0
Multiple myeloma	0	0.29	0.0	0	0.31	0.0	0	0.22	0.0	0	0.05	0.0	0	0.91	0.0
Leukemias	1	0.71	1.4	0	0.60	0.0	0	0.38	0.0	0	0.10	0.0	2	1.89	1.1
Chronic lymphocytic	0	0.16	0.0	0	0.17	0.0	0	0.12	0.0	0	0.03	0.0	0	0.50	0.0
Acute nonlymphocytic	0	0.26	0.0	0	0.22	0.0	0	0.14	0.0	0	0.04	0.0	0	0.69	0.0

+ ICD-O code = 180.

* P<.05.