

LIP
BOTH SEXES

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

Category	Male	Female	Total
No. with first primary cancer*	1,819	153	1,972
No. who developed a second primary cancer	333	14	347
Average age at diagnosis of first cancer, yr	64	66	64
Average yr of diagnosis of first cancer	1956	1961	1957
Person-yr of follow-up	16,720	1,103	17,823
Average follow-up, yr	9.2	7.2	9.0
Percent given radiotherapy for first cancer	24.4	28.8	24.7

+ ICD-O code = 140.

- 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 lip in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	268	77.2
Only the first cancer	55	15.9
Only the second cancer	15	4.3
Neither first nor second cancer	9	2.6
Total second primary cancers	347	100.0

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

LIP
BOTH SEXES

TABLE 1C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the lip 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	1,972		1,813			1,182			721			1,972		
Person-yr in interval	1,573		5,820			4,660			5,771			17,823			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	23	19.41	1.2	106	75.22	1.4*	88	67.82	1.3*	130	107.49	1.2*	347	269.80	1.3*
All excluding site of initial cancer	21	19.14	1.1	99	74.26	1.3*	85	67.01	1.3*	127	106.46	1.2	332	266.72	1.2*
Buccal cavity, pharynx	6	1.10	5.4*	17	4.11	4.1*	13	3.55	3.7*	11	4.97	2.2*	47	13.72	3.4*
Lip	2	0.27	7.3	7	0.96	7.3*	3	0.81	3.7	3	1.03	2.9	15	3.08	4.9*
Tongue	1	0.22	4.6	4	0.81	4.9*	6	0.69	8.7*	3	0.95	3.2	14	2.67	5.3*
Salivary gland	0	0.05	0.0	0	0.20	0.0	1	0.18	5.6	2	0.29	6.9	3	0.72	4.2
Gum, other mouth	1	0.29	3.5	5	1.08	4.6*	1	0.94	1.1	2	1.35	1.5	9	3.65	2.5*
Pharynx	2	0.23	8.8	1	0.88	1.1	2	0.79	2.5	1	1.16	0.9	6	3.06	2.0
Digestive system	4	6.97	0.6	23	26.64	0.9	25	23.51	1.1	39	35.14	1.1	91	92.21	1.0
Esophagus	1	0.46	2.2	3	1.79	1.7	2	1.57	1.3	4	2.12	1.9	10	5.94	1.7
Stomach	0	1.62	0.0	8	5.95	1.3	3	4.99	0.6	7	6.59	1.1	18	19.13	0.9
Colon	3	2.35	1.3	2	9.18	0.2*	9	8.32	1.1	21	13.41	1.6	35	33.24	1.1
Rectum	0	1.39	0.0	6	5.31	1.1	6	4.71	1.3	6	7.03	0.9	18	18.43	1.0
Liver, biliary	0	0.36	0.0	1	1.36	0.7	0	1.19	0.0	0	1.82	0.0	1	4.73	0.2
Pancreas	0	0.67	0.0	3	2.57	1.2	4	2.32	1.7	1	3.59	0.3	8	9.15	0.9
Respiratory system	3	2.97	1.0	25	11.94	2.1*	20	11.13	1.8*	33	18.61	1.8*	81	44.63	1.8*
Nasal cavities, sinuses	0	0.05	0.0	1	0.17	5.8	0	0.15	0.0	0	0.23	0.0	1	0.60	1.7
Larynx	1	0.39	2.6	3	1.52	2.0	5	1.36	3.7*	4	1.98	2.0	13	5.25	2.5*
Trachea, bronchus, lung	2	2.50	0.8	21	10.14	2.1*	15	9.53	1.6	29	16.26	1.8*	67	38.41	1.7*
Female breast	1	0.30	3.4	0	1.09	0.0	0	0.75	0.0	0	0.71	0.0	1	2.85	0.4
Female genital tract	0	0.19	0.0	0	0.70	0.0	1	0.45	2.2	1	0.40	2.5	2	1.74	1.2
Cervix uteri	0	0.04	0.0	0	0.14	0.0	0	0.09	0.0	0	0.06	0.0	0	0.33	0.0
Corpus uteri	0	0.07	0.0	0	0.24	0.0	1	0.16	6.4	0	0.16	0.0	1	0.63	1.6
Uterus, NOS	0	0.02	0.0	0	0.08	0.0	0	0.05	0.0	1	0.03	34.7	1	0.18	5.4
Ovary, fallopian tubes	0	0.05	0.0	0	0.18	0.0	0	0.12	0.0	0	0.11	0.0	0	0.46	0.0
Prostate gland	5	3.41	1.5	17	13.30	1.3	9	12.63	0.7	23	22.23	1.0	54	51.54	1.0
Testis	0	0.03	0.0	0	0.12	0.0	1	0.09	11.4	0	0.10	0.0	1	0.34	3.0
Kidney, renal pelvis, ureter	0	0.42	0.0	2	1.67	1.2	0	1.51	0.0	2	2.42	0.8	4	6.02	0.7
Bladder, other urinary	1	1.27	0.8	7	4.98	1.4	5	4.61	1.1	5	7.82	0.6	18	18.67	1.0
Melanoma of the skin	0	0.16	0.0	1	0.61	1.6	0	0.54	0.0	1	0.91	1.1	2	2.20	0.9
Eye	0	0.03	0.0	0	0.11	0.0	0	0.10	0.0	0	0.14	0.0	0	0.38	0.0
Brain, central nervous system	0	0.16	0.0	1	0.61	1.6	2	0.53	3.8	1	0.78	1.3	4	2.08	1.9
Thyroid gland	1	0.05	19.2	0	0.21	0.0	0	0.17	0.0	0	0.24	0.0	1	0.68	1.5
Bone	0	0.04	0.0	0	0.15	0.0	0	0.12	0.0	0	0.13	0.0	0	0.44	0.0
Connective tissue	0	0.10	0.0	1	0.38	2.6	0	0.34	0.0	0	0.52	0.0	1	1.34	0.7
Lymphatic, hematopoietic system	1	1.17	0.9	7	4.62	1.5	6	4.22	1.4	8	6.97	1.1	22	16.98	1.3
Non-Hodgkin's lymphoma	1	0.36	2.8	1	1.41	0.7	0	1.28	0.0	2	2.09	1.0	4	5.13	0.8
Hodgkin's disease	0	0.09	0.0	0	0.35	0.0	0	0.30	0.0	1	0.42	2.4	1	1.17	0.9
Multiple myeloma	0	0.16	0.0	0	0.64	0.0	0	0.60	0.0	0	1.07	0.0	0	2.47	0.0
Leukemias	0	0.56	0.0	6	2.21	2.7	6	2.04	2.9*	5	3.39	1.5	17	8.21	2.1*
Chronic lymphocytic	0	0.17	0.0	0	0.67	0.0	2	0.64	3.1	1	1.12	0.9	3	2.60	1.2
Acute nonlymphocytic	0	0.13	0.0	2	0.55	3.7	2	0.52	3.9	1	0.95	1.1	5	2.15	2.3

+ ICD-O code = 140.

* P<.05.

LIP
MALES

TABLE 1D. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the lip 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		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
No. starting interval	1,819			1,669			1,105			681			1,819		
Person-yr in interval	1,450			5,380			4,370			5,520			16,720		
All second cancers	22	18.17	1.2	103	70.59	1.5*	82	64.66	1.3*	126	104.61	1.2*	333	257.91	1.3*
All excluding site of initial cancer	20	17.90	1.1	96	69.64	1.4*	79	63.85	1.2	123	103.58	1.2	318	254.85	1.2*
Buccal cavity, pharynx	6	1.09	5.5*	16	4.03	4.0*	13	3.50	3.7*	11	4.92	2.2*	46	13.52	3.4*
Lip	2	0.27	7.4	7	0.95	7.3*	3	0.81	3.7	3	1.03	2.9	15	3.06	4.9*
Tongue	1	0.21	4.7	4	0.80	5.0*	6	0.68	8.8*	3	0.94	3.2	14	2.63	5.3*
Salivary gland	0	0.05	0.0	0	0.19	0.0	1	0.17	5.8	2	0.28	7.1	3	0.69	4.3
Gum, other mouth	1	0.28	3.5	4	1.05	3.8*	1	0.92	1.1	2	1.33	1.5	8	3.58	2.2
Pharynx	2	0.22	8.9*	1	0.87	1.2	2	0.78	2.6	1	1.15	0.9	6	3.02	2.0
Digestive system	4	6.53	0.6	23	24.99	0.9	22	22.37	1.0	38	34.17	1.1	87	88.01	1.0
Esophagus	1	0.46	2.2	3	1.75	1.7	1	1.55	0.6	4	2.10	1.9	9	5.85	1.5
Stomach	0	1.54	0.0	8	5.68	1.4	3	4.80	0.6	7	6.45	1.1	18	18.47	1.0
Colon	3	2.15	1.4	2	8.43	0.2*	8	7.80	1.0	21	12.96	1.6*	34	31.33	1.1
Rectum	0	1.31	0.0	6	5.02	1.2	6	4.51	1.3	5	6.86	0.7	17	17.69	1.0
Liver, biliary	0	0.33	0.0	1	1.23	0.8	0	1.10	0.0	0	1.76	0.0	1	4.42	0.2
Pancreas	0	0.62	0.0	3	2.42	1.2	4	2.21	1.8	1	3.49	0.3	8	8.74	0.9
Respiratory system	3	2.91	1.0	24	11.72	2.0*	20	10.99	1.8*	32	18.44	1.7*	79	44.03	1.8*
Nasal cavities, sinuses	0	0.04	0.0	1	0.17	6.1	0	0.15	0.0	0	0.22	0.0	1	0.58	1.7
Larynx	1	0.39	2.6	3	1.51	2.0	5	1.35	3.7*	4	1.97	2.0	13	5.22	2.5*
Trachea, bronchus, lung	2	2.45	0.8	20	9.94	2.0*	15	9.40	1.6	28	16.10	1.7*	65	37.88	1.7*
Prostate gland	5	3.41	1.5	17	13.30	1.3	9	12.63	0.7	23	22.23	1.0	54	51.54	1.0
Testis	0	0.03	0.0	0	0.12	0.0	1	0.09	11.4	0	0.10	0.0	1	0.34	3.0
Kidney, renal pelvis, ureter	0	0.40	0.0	2	1.60	1.3	0	1.47	0.0	2	2.37	0.8	4	5.83	0.7
Bladder, other urinary	1	1.23	0.8	7	4.83	1.4	5	4.51	1.1	5	7.73	0.6	18	18.30	1.0
Melanoma of the skin	0	0.14	0.0	1	0.56	1.8	0	0.51	0.0	1	0.87	1.1	2	2.09	1.0
Eye	0	0.03	0.0	0	0.11	0.0	0	0.09	0.0	0	0.13	0.0	0	0.36	0.0
Brain, central nervous system	0	0.15	0.0	1	0.58	1.7	1	0.51	2.0	1	0.75	1.3	3	1.99	1.5
Thyroid gland	1	0.04	22.7	0	0.18	0.0	0	0.15	0.0	0	0.23	0.0	1	0.60	1.7
Bone	0	0.04	0.0	0	0.14	0.0	0	0.11	0.0	0	0.13	0.0	0	0.42	0.0
Connective tissue	0	0.09	0.0	1	0.36	2.8	0	0.32	0.0	0	0.51	0.0	1	1.29	0.8
Lymphatic, hematopoietic system	1	1.10	0.9	6	4.33	1.4	5	4.03	1.2	7	6.78	1.0	19	16.23	1.2
Non-Hodgkin's lymphoma	1	0.33	3.0	1	1.31	0.8	0	1.21	0.0	2	2.02	1.0	4	4.87	0.8
Hodgkin's disease	0	0.09	0.0	0	0.34	0.0	0	0.29	0.0	1	0.41	2.5	1	1.12	0.9
Multiple myeloma	0	0.15	0.0	0	0.59	0.0	0	0.57	0.0	0	1.04	0.0	0	2.35	0.0
Leukemias	0	0.53	0.0	5	2.09	2.4	5	1.96	2.5	4	3.32	1.2	14	7.90	1.8
Chronic lymphocytic	0	0.16	0.0	0	0.63	0.0	1	0.62	1.6	1	1.10	0.9	2	2.51	0.8
Acute nonlymphocytic	0	0.13	0.0	2	0.51	3.9	2	0.49	4.1	1	0.93	1.1	5	2.05	2.4

+ ICD-O code = 140.

* P<.05.

LIP
FEMALES

TABLE 1E. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the lip 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	153			144			77			40			153		
Person-yr in interval	123			440			289			251			1,103		
All second cancers	1	1.24	0.8	3	4.63	0.6	6	3.16	1.9	4	2.87	1.4	14	11.89	1.2
All excluding site of initial cancer	1	1.24	0.8	3	4.62	0.6	6	3.16	1.9	4	2.87	1.4	14	11.87	1.2
Buccal cavity, pharynx	0	0.02	0.0	1	0.07	13.4	0	0.05	0.0	0	0.05	0.0	1	0.20	5.1
Lip	0	0.00	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.02	0.0
Tongue	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Salivary gland	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.03	0.0
Gum, other mouth	0	0.01	0.0	1	0.03	38.2	0	0.02	0.0	0	0.02	0.0	1	0.07	14.5
Pharynx	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Digestive system	0	0.44	0.0	0	1.65	0.0	3	1.15	2.6	1	0.97	1.0	4	4.21	1.0
Esophagus	0	0.01	0.0	0	0.04	0.0	1	0.02	40.8	0	0.02	0.0	1	0.09	10.9
Stomach	0	0.07	0.0	0	0.27	0.0	0	0.19	0.0	0	0.14	0.0	0	0.66	0.0
Colon	0	0.20	0.0	0	0.74	0.0	1	0.52	1.9	0	0.45	0.0	1	1.91	0.5
Rectum	0	0.08	0.0	0	0.29	0.0	0	0.20	0.0	1	0.17	5.7	1	0.74	1.3
Liver, biliary	0	0.03	0.0	0	0.12	0.0	0	0.08	0.0	0	0.07	0.0	0	0.31	0.0
Pancreas	0	0.04	0.0	0	0.16	0.0	0	0.11	0.0	0	0.10	0.0	0	0.41	0.0
Respiratory system	0	0.06	0.0	1	0.22	4.6	0	0.14	0.0	1	0.17	5.7	2	0.59	3.4
Nasal cavities, sinuses	0	0.00	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.02	0.0
Larynx	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.03	0.0
Trachea, bronchus, lung	0	0.05	0.0	1	0.19	5.2	0	0.13	0.0	1	0.16	6.3	2	0.53	3.8
Female breast	1	0.30	3.4	0	1.09	0.0	0	0.75	0.0	0	0.71	0.0	1	2.85	0.4
Female genital tract	0	0.19	0.0	0	0.70	0.0	1	0.45	2.2	1	0.40	2.5	2	1.74	1.2
Cervix uteri	0	0.04	0.0	0	0.14	0.0	0	0.09	0.0	0	0.06	0.0	0	0.33	0.0
Corpus uteri	0	0.07	0.0	0	0.24	0.0	1	0.16	6.4	0	0.16	0.0	1	0.63	1.6
Uterus, NOS	0	0.02	0.0	0	0.08	0.0	0	0.05	0.0	1	0.03	34.7	1	0.18	5.4
Ovary, fallopian tubes	0	0.05	0.0	0	0.18	0.0	0	0.12	0.0	0	0.11	0.0	0	0.46	0.0
Kidney, renal pelvis, ureter	0	0.02	0.0	0	0.07	0.0	0	0.05	0.0	0	0.05	0.0	0	0.18	0.0
Bladder, other urinary	0	0.04	0.0	0	0.15	0.0	0	0.10	0.0	0	0.09	0.0	0	0.38	0.0
Melanoma of the skin	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.03	0.0	0	0.11	0.0
Eye	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.02	0.0
Brain, central nervous system	0	0.01	0.0	0	0.03	0.0	1	0.02	46.8	0	0.02	0.0	1	0.09	11.7
Thyroid gland	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.08	0.0
Bone	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.00	0.0	0	0.02	0.0
Connective tissue	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.05	0.0
Lymphatic, hematopoietic system	0	0.08	0.0	1	0.29	3.4	1	0.19	5.1	1	0.19	5.3	3	0.75	4.0
Non-Hodgkin's lymphoma	0	0.03	0.0	0	0.10	0.0	0	0.07	0.0	0	0.07	0.0	0	0.27	0.0
Hodgkin's disease	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.05	0.0
Multiple myeloma	0	0.01	0.0	0	0.05	0.0	0	0.03	0.0	0	0.03	0.0	0	0.13	0.0
Leukemias	0	0.03	0.0	1	0.12	8.3	1	0.08	12.2	1	0.07	13.4	3	0.31	9.7*
Chronic lymphocytic	0	0.01	0.0	0	0.03	0.0	1	0.02	44.7	0	0.02	0.0	1	0.09	11.5
Acute nonlymphocytic	0	0.01	0.0	0	0.04	0.0	0	0.02	0.0	0	0.02	0.0	0	0.09	0.0

+ ICD-O code = 140.

* P<.05.