

LIP
BOTH SEXES

TABLE 1A. -- Characteristics of persons reported to the Danish Cancer Registry with an initial cancer of the lip, 1943-80+

Category	Male	Female	Total
No. with first primary cancer*	5,054	451	5,505
No. who developed a second primary cancer	613	52	665
Average age at diagnosis of first cancer, yr	62	66	62
Average yr of diagnosis of first cancer	1963	1964	1963
Person-yr of follow-up	54,484	4,279	58,763
Average follow-up, yr	10.8	9.5	10.7
Percent given radiotherapy for first cancer	80	71	79

+ ICD-7 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 Denmark, 1943-80

Microscopically confirmed	No.	Percent+
Both first and second cancers	418	62.9
Only the first cancer	124	18.6
Only the second cancer	86	12.9
Neither first nor second cancer	37	5.6
Total second primary cancers	665	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 Denmark, 1943-80+

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	5,505			5,148			3,679			2,422			5,505		
Person-yr in interval	5,347			17,524			15,012			20,880			58,763		
All second cancers	43	55.58	0.8	178	191.44	0.9	158	180.13	0.9	286	315.77	0.9	665	742.92	0.9*
All excluding site of initial cancer	42	54.60	0.8	178	188.16	0.9	157	177.18	0.9	285	311.18	0.9	662	731.11	0.9*
Buccal cavity, pharynx	3	1.81	1.7	5	6.06	0.8	6	5.45	1.1	5	8.70	0.6	19	22.03	0.9
Lip	1	0.98	1.0	0	3.28	0.0	1	2.95	0.3	1	4.59	0.2	3	11.81	0.3*
Tongue	1	0.14	7.1	0	0.48	0.0	2	0.43	4.7	0	0.64	0.0	3	1.69	1.8
Salivary gland	0	0.15	0.0	1	0.52	1.9	1	0.48	2.1	0	0.75	0.0	2	1.91	1.0
Gum, other mouth	1	0.25	4.0	3	0.85	3.5	2	0.78	2.6	2	1.38	1.4	8	3.27	2.4*
Pharynx	0	0.28	0.0	1	0.92	1.1	0	0.82	0.0	2	1.34	1.5	3	3.36	0.9
Digestive system	12	22.35	0.5*	77	75.94	1.0	68	69.95	1.0	108	115.55	0.9	265	283.79	0.9
Esophagus	1	1.04	1.0	3	3.43	0.9	2	3.02	0.7	6	4.62	1.3	12	12.10	1.0
Stomach	4	7.58	0.5	31	25.18	1.2	23	22.46	1.0	44	32.91	1.3	102	88.13	1.2
Colon	1	4.96	0.2	17	17.17	1.0	17	16.22	1.0	18	29.36	0.6*	53	67.72	0.8
Rectum	3	4.87	0.6	13	16.53	0.8	16	15.24	1.0	23	25.05	0.9	55	61.69	0.9
Liver, biliary	0	1.11	0.0	7	3.94	1.8	3	3.83	0.8	5	7.37	0.7	15	16.26	0.9
Pancreas	2	2.05	1.0	5	7.18	0.7	4	6.99	0.6	8	12.97	0.6	19	29.18	0.7
Respiratory system	9	9.58	0.9	27	33.65	0.8	31	32.58	1.0	65	61.39	1.1	132	137.21	1.0
Nasal cavities, sinuses	0	0.16	0.0	0	0.53	0.0	0	0.49	0.0	2	0.78	2.6	2	1.96	1.0
Larynx	0	0.68	0.0	0	2.34	0.0	0	2.20	0.0	1	3.94	0.3	1	9.16	0.1*
Trachea, bronchus, lung	9	8.28	1.1	27	29.13	0.9	29	28.28	1.0	60	53.82	1.1	125	119.51	1.0
Female breast	1	0.85	1.2	4	2.73	1.5	1	2.38	0.4	4	3.34	1.2	10	9.30	1.1
Female genital tract	1	0.71	1.4	3	2.26	1.3	2	1.89	1.1	3	2.53	1.2	9	7.39	1.2
Cervix uteri	0	0.21	0.0	2	0.67	3.0	0	0.53	0.0	1	0.65	1.5	3	2.07	1.5
Corpus uteri	0	0.20	0.0	0	0.64	0.0	1	0.54	1.9	1	0.75	1.3	2	2.12	0.9
Uterus, NOS	0	0.02	0.0	0	0.07	0.0	0	0.06	0.0	0	0.08	0.0	0	0.24	0.0
Ovary, fallopian tubes	1	0.22	4.6	1	0.69	1.4	0	0.59	0.0	0	0.82	0.0	2	2.32	0.9
Prostate gland	6	6.88	0.9	20	24.48	0.8	17	24.06	0.7	36	45.99	0.8	79	101.41	0.8*
Testis	0	0.22	0.0	3	0.70	4.3	1	0.58	1.7	1	0.77	1.3	5	2.25	2.2
Kidney, renal pelvis, ureter	1	1.71	0.6	7	5.95	1.2	3	5.71	0.5	7	10.37	0.7	18	23.74	0.8
Bladder, other urinary	5	3.99	1.3	10	14.05	0.7	15	13.63	1.1	23	26.18	0.9	53	57.85	0.9
Melanoma of the skin	1	0.46	2.2	1	1.59	0.6	1	1.48	0.7	4	2.55	1.6	7	6.09	1.1
Eye	0	0.17	0.0	0	0.59	0.0	0	0.53	0.0	0	0.86	0.0	0	2.16	0.0
Brain, central nervous system	1	0.89	1.1	4	3.00	1.3	2	2.73	0.7	4	4.35	0.9	11	10.98	1.0
Thyroid gland	0	0.17	0.0	1	0.60	1.7	0	0.57	0.0	2	0.95	2.1	3	2.28	1.3
Bone	0	0.11	0.0	0	0.36	0.0	0	0.33	0.0	1	0.51	2.0	1	1.31	0.8
Connective tissue	0	0.21	0.0	1	0.72	1.4	1	0.62	1.6	0	0.92	0.0	2	2.46	0.8
Lymphatic, hematopoietic system	2	3.45	0.6	12	12.02	1.0	8	11.52	0.7	16	20.53	0.8	38	47.52	0.8
Non-Hodgkin's lymphoma	0	0.89	0.0	4	3.10	1.3	2	2.96	0.7	2	5.26	0.4	8	12.19	0.7
Hodgkin's disease	0	0.25	0.0	0	0.87	0.0	0	0.79	0.0	1	1.25	0.8	1	3.16	0.3
Multiple myeloma	0	0.63	0.0	1	2.22	0.5	3	2.17	1.4	4	3.98	1.0	8	9.01	0.9
Leukemias	1	1.64	0.6	7	5.71	1.2	3	5.48	0.5	9	9.84	0.9	20	22.69	0.9
Chronic lymphocytic	1	0.91	1.1	4	3.21	1.2	2	3.08	0.6	7	5.52	1.3	14	12.73	1.1
Acute nonlymphocytic	0	0.36	0.0	3	1.26	2.4	0	1.23	0.0	2	2.47	0.8	5	5.31	0.9

+ ICD-7 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 Denmark, 1943-80+

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	5,054			4,745			3,409			2,252			5,054		
Person-yr in interval	4,918			16,177			13,921			19,469			54,484		
All second cancers	40	51.27	0.8	162	177.41	0.9	146	167.82	0.9	265	298.49	0.9	613	694.99	0.9*
All excluding site of initial cancer	39	50.30	0.8	162	174.16	0.9	146	164.90	0.9	264	293.94	0.9	611	683.29	0.9*
Buccal cavity, pharynx	3	1.75	1.7	4	5.86	0.7	5	5.28	0.9	4	8.45	0.5	16	21.35	0.7
Lip	1	0.97	1.0	0	3.25	0.0	0	2.92	0.0	1	4.55	0.2	2	11.70	0.2*
Tongue	1	0.13	7.7	0	0.44	0.0	2	0.40	5.0	0	0.59	0.0	3	1.56	1.9
Salivary gland	0	0.14	0.0	1	0.48	2.1	1	0.45	2.2	0	0.71	0.0	2	1.78	1.1
Gum, other mouth	1	0.23	4.3	3	0.79	3.8	2	0.73	2.8	2	1.30	1.5	8	3.06	2.6*
Pharynx	0	0.27	0.0	0	0.89	0.0	0	0.79	0.0	1	1.30	0.8	1	3.25	0.3
Digestive system	12	20.69	0.6	71	70.46	1.0	63	65.08	1.0	100	108.77	0.9	246	264.99	0.9
Esophagus	1	0.99	1.0	3	3.26	0.9	2	2.87	0.7	6	4.41	1.4	12	11.53	1.0
Stomach	4	7.10	0.6	28	23.62	1.2	22	21.10	1.0	40	31.24	1.3	94	83.06	1.1
Colon	1	4.47	0.2	15	15.53	1.0	14	14.74	0.9	15	27.15	0.6*	45	61.89	0.7*
Rectum	3	4.59	0.7	12	15.62	0.8	16	14.44	1.1	22	23.94	0.9	53	58.59	0.9
Liver, biliary	0	0.98	0.0	7	3.50	2.0	2	3.42	0.6	5	6.74	0.7	14	14.64	1.0
Pancreas	2	1.89	1.1	5	6.67	0.7	4	6.52	0.6	8	12.25	0.7	19	27.33	0.7
Respiratory system	8	9.38	0.9	27	32.99	0.8	30	31.98	0.9	63	60.48	1.0	128	134.83	0.9
Nasal cavities, sinuses	0	0.15	0.0	0	0.51	0.0	0	0.47	0.0	2	0.76	2.6	2	1.89	1.1
Larynx	0	0.67	0.0	0	2.31	0.0	0	2.18	0.0	1	3.91	0.3	1	9.07	0.1*
Trachea, bronchus, lung	8	8.11	1.0	27	28.58	0.9	28	27.78	1.0	58	53.05	1.1	121	117.52	1.0
Prostate gland	6	6.88	0.9	20	24.48	0.8	17	24.06	0.7	36	45.99	0.8	79	101.41	0.8*
Testis	0	0.22	0.0	3	0.70	4.3	1	0.58	1.7	1	0.77	1.3	5	2.25	2.2
Kidney, renal pelvis, ureter	1	1.60	0.6	7	5.59	1.3	3	5.39	0.6	6	9.90	0.6	17	22.48	0.8
Bladder, other urinary	5	3.87	1.3	10	13.65	0.7	14	13.27	1.1	22	25.63	0.9	51	56.42	0.9
Melanoma of the skin	1	0.41	2.4	1	1.43	0.7	0	1.34	0.0	4	2.35	1.7	6	5.54	1.1
Eye	0	0.16	0.0	0	0.55	0.0	0	0.50	0.0	0	0.82	0.0	0	2.04	0.0
Brain, central nervous system	1	0.82	1.2	3	2.79	1.1	2	2.55	0.8	4	4.09	1.0	10	10.26	1.0
Thyroid gland	0	0.14	0.0	1	0.50	2.0	0	0.48	0.0	2	0.82	2.4	3	1.94	1.5
Bone	0	0.10	0.0	0	0.34	0.0	0	0.31	0.0	1	0.48	2.1	1	1.23	0.8
Connective tissue	0	0.20	0.0	1	0.67	1.5	1	0.58	1.7	0	0.87	0.0	2	2.32	0.9
Lymphatic, hematopoietic system	2	3.23	0.6	11	11.28	1.0	8	10.86	0.7	15	19.54	0.8	36	44.91	0.8
Non-Hodgkin's lymphoma	0	0.82	0.0	4	2.88	1.4	2	2.76	0.7	2	4.96	0.4	8	11.41	0.7
Hodgkin's disease	0	0.24	0.0	0	0.82	0.0	0	0.75	0.0	1	1.19	0.8	1	3.00	0.3
Multiple myeloma	0	0.59	0.0	1	2.07	0.5	3	2.04	1.5	3	3.78	0.8	7	8.48	0.8
Leukemias	1	1.54	0.6	6	5.40	1.1	3	5.20	0.6	9	9.42	1.0	19	21.57	0.9
Chronic lymphocytic	1	0.87	1.1	4	3.06	1.3	2	2.94	0.7	7	5.31	1.3	14	12.19	1.1
Acute nonlymphocytic	0	0.33	0.0	2	1.18	1.7	0	1.16	0.0	2	2.35	0.9	4	5.01	0.8

+ ICD-7 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 Denmark, 1943-80+

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	451			403			270			170			451		
Person-yr in interval	430			1,347			1,091			1,411			4,279		
All second cancers	3	4.31	0.7	16	14.03	1.1	12	12.31	1.0	21	17.28	1.2	52	47.93	1.1
All excluding site of initial cancer	3	4.30	0.7	16	14.00	1.1	11	12.28	0.9	21	17.24	1.2	51	47.82	1.1
Buccal cavity, pharynx	0	0.06	0.0	1	0.20	5.0	1	0.17	5.7	1	0.25	4.1	3	0.68	4.4
Lip	0	0.01	0.0	0	0.03	0.0	1	0.03	38.1	0	0.04	0.0	1	0.11	9.4
Tongue	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.05	0.0	0	0.13	0.0
Salivary gland	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.04	0.0	0	0.13	0.0
Gum, other mouth	0	0.02	0.0	0	0.06	0.0	0	0.05	0.0	0	0.08	0.0	0	0.21	0.0
Pharynx	0	0.01	0.0	1	0.03	30.4	0	0.03	0.0	1	0.04	26.7	2	0.11	18.5*
Digestive system	0	1.66	0.0	6	5.48	1.1	5	4.87	1.0	8	6.78	1.2	19	18.80	1.0
Esophagus	0	0.05	0.0	0	0.17	0.0	0	0.15	0.0	0	0.21	0.0	0	0.57	0.0
Stomach	0	0.48	0.0	3	1.56	1.9	1	1.36	0.7	4	1.67	2.4	8	5.07	1.6
Colon	0	0.49	0.0	2	1.64	1.2	3	1.48	2.0	3	2.21	1.4	8	5.83	1.4
Rectum	0	0.28	0.0	1	0.91	1.1	0	0.80	0.0	1	1.11	0.9	2	3.10	0.6
Liver, biliary	0	0.13	0.0	0	0.44	0.0	1	0.41	2.4	0	0.63	0.0	1	1.62	0.6
Pancreas	0	0.16	0.0	0	0.51	0.0	0	0.47	0.0	0	0.72	0.0	0	1.85	0.0
Respiratory system	1	0.20	4.9	0	0.66	0.0	1	0.60	1.7	2	0.91	2.2	4	2.38	1.7
Nasal cavities, sinuses	0	0.01	0.0	0	0.02	0.0	0	0.02	0.0	0	0.02	0.0	0	0.07	0.0
Larynx	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.03	0.0	0	0.09	0.0
Trachea, bronchus, lung	1	0.17	5.9	0	0.55	0.0	1	0.50	2.0	2	0.77	2.6	4	1.99	2.0
Female breast	1	0.85	1.2	4	2.73	1.5	1	2.38	0.4	4	3.34	1.2	10	9.30	1.1
Female genital tract	1	0.71	1.4	3	2.26	1.3	2	1.89	1.1	3	2.53	1.2	9	7.39	1.2
Cervix uteri	0	0.21	0.0	2	0.67	3.0	0	0.53	0.0	1	0.65	1.5	3	2.07	1.5
Corpus uteri	0	0.20	0.0	0	0.64	0.0	1	0.54	1.9	1	0.75	1.3	2	2.12	0.9
Uterus, NOS	0	0.02	0.0	0	0.07	0.0	0	0.06	0.0	0	0.08	0.0	0	0.24	0.0
Ovary, fallopian tubes	1	0.22	4.6	1	0.69	1.4	0	0.59	0.0	0	0.82	0.0	2	2.32	0.9
Kidney, renal pelvis, ureter	0	0.11	0.0	0	0.36	0.0	0	0.32	0.0	1	0.47	2.1	1	1.26	0.8
Bladder, other urinary	0	0.12	0.0	0	0.40	0.0	1	0.36	2.8	1	0.55	1.8	2	1.43	1.4
Melanoma of the skin	0	0.05	0.0	0	0.16	0.0	1	0.14	7.3	0	0.20	0.0	1	0.55	1.8
Eye	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
Brain, central nervous system	0	0.07	0.0	1	0.21	4.7	0	0.18	0.0	0	0.26	0.0	1	0.72	1.4
Thyroid gland	0	0.03	0.0	0	0.10	0.0	0	0.09	0.0	0	0.13	0.0	0	0.34	0.0
Bone	0	0.01	0.0	0	0.02	0.0	0	0.02	0.0	0	0.03	0.0	0	0.08	0.0
Connective tissue	0	0.01	0.0	0	0.05	0.0	0	0.04	0.0	0	0.05	0.0	0	0.14	0.0
Lymphatic, hematopoietic system	0	0.22	0.0	1	0.74	1.4	0	0.66	0.0	1	0.99	1.0	2	2.61	0.8
Non-Hodgkin's lymphoma	0	0.07	0.0	0	0.22	0.0	0	0.20	0.0	0	0.30	0.0	0	0.78	0.0
Hodgkin's disease	0	0.01	0.0	0	0.05	0.0	0	0.04	0.0	0	0.06	0.0	0	0.16	0.0
Multiple myeloma	0	0.04	0.0	0	0.15	0.0	0	0.13	0.0	1	0.20	4.9	1	0.53	1.9
Leukemias	0	0.10	0.0	1	0.31	3.2	0	0.28	0.0	0	0.42	0.0	1	1.12	0.9
Chronic lymphocytic	0	0.04	0.0	0	0.15	0.0	0	0.14	0.0	0	0.21	0.0	0	0.54	0.0
Acute nonlymphocytic	0	0.03	0.0	1	0.08	12.2	0	0.07	0.0	0	0.12	0.0	1	0.30	3.3

+ ICD-7 code = 140.

* P<.05.