

NASAL CAVITIES  
BOTH SEXES

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

Category	Male	Female	Total
No. with first primary cancer*	361	259	620
No. who developed a second primary cancer	22	21	43
Average age at diagnosis of first cancer, yr	61	59	60
Average yr of diagnosis of first cancer	1962	1963	1963
Person-yr of follow-up	1,608	1,142	2,750
Average follow-up, yr	4.5	4.4	4.4
Percent given radiotherapy for first cancer	65.1	66.4	65.6

+ ICD-O code = 160.

\* 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 nasal cavities or sinuses in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	35	81.4
Only the first cancer	8	18.6
Only the second cancer	0	0.0
Neither first nor second cancer	0	0.0
Total second primary cancers	43	100.0

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

NASAL CAVITIES  
BOTH SEXES

TABLE 1C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the nasal cavities or sinuses among males and females in Connecticut, 1935-82+

Second primary cancer site	Yr after first primary cancer diagnosis												Total		
	<1 yr			1-4 yr			5-9 yr			10+ yr					
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
No. starting interval	620			413			175			90			620		
Person-yr in interval	427			1,011			631			680			2,750		
All second cancers	2	4.46	0.4	21	10.52	2.0*	11	6.97	1.6	9	10.25	0.9	43	32.18	1.3
All excluding site of initial cancer	2	4.45	0.4	21	10.50	2.0*	11	6.96	1.6	9	10.23	0.9	43	32.11	1.3
Buccal cavity, pharynx	0	0.18	0.0	2	0.42	4.8	0	0.28	0.0	0	0.39	0.0	2	1.27	1.6
Lip	0	0.03	0.0	0	0.07	0.0	0	0.05	0.0	0	0.07	0.0	0	0.22	0.0
Tongue	0	0.04	0.0	1	0.08	12.1	0	0.05	0.0	0	0.08	0.0	1	0.25	4.0
Salivary gland	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.03	0.0	0	0.08	0.0
Gum, other mouth	0	0.05	0.0	1	0.12	8.4	0	0.08	0.0	0	0.11	0.0	1	0.36	2.8
Pharynx	0	0.04	0.0	0	0.10	0.0	0	0.07	0.0	0	0.09	0.0	0	0.31	0.0
Digestive system	0	1.45	0.0	3	3.35	0.9	2	2.20	0.9	2	3.24	0.6	7	10.22	0.7
Esophagus	0	0.08	0.0	0	0.17	0.0	0	0.11	0.0	0	0.17	0.0	0	0.53	0.0
Stomach	0	0.26	0.0	1	0.57	1.8	0	0.36	0.0	0	0.51	0.0	1	1.70	0.6
Colon	0	0.57	0.0	1	1.35	0.7	1	0.89	1.1	0	1.35	0.0	2	4.16	0.5
Rectum	0	0.29	0.0	0	0.67	0.0	0	0.44	0.0	2	0.64	3.1	2	2.04	1.0
Liver, biliary	0	0.08	0.0	0	0.19	0.0	0	0.12	0.0	0	0.18	0.0	0	0.58	0.0
Pancreas	0	0.14	0.0	0	0.34	0.0	0	0.23	0.0	0	0.33	0.0	0	1.04	0.0
Respiratory system	0	0.65	0.0	3	1.56	1.9	4	1.08	3.7	3	1.69	1.8	10	4.98	2.0
Nasal cavities, sinuses	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.02	0.0	0	0.07	0.0
Larynx	0	0.07	0.0	0	0.17	0.0	1	0.11	8.8	0	0.16	0.0	1	0.52	1.9
Trachea, bronchus, lung	0	0.56	0.0	3	1.35	2.2	3	0.94	3.2	3	1.49	2.0	9	4.35	2.1
Female breast	1	0.39	2.6	3	1.02	2.9	2	0.66	3.0	0	0.59	0.0	6	2.66	2.3
Female genital tract	0	0.25	0.0	1	0.62	1.6	0	0.40	0.0	1	0.34	2.9	2	1.61	1.2
Cervix uteri	0	0.05	0.0	0	0.12	0.0	0	0.07	0.0	0	0.06	0.0	0	0.30	0.0
Corpus uteri	0	0.10	0.0	0	0.25	0.0	0	0.17	0.0	1	0.15	6.9	1	0.66	1.5
Uterus, NOS	0	0.02	0.0	0	0.05	0.0	0	0.03	0.0	0	0.02	0.0	0	0.11	0.0
Ovary, fallopian tubes	0	0.07	0.0	1	0.17	5.8	0	0.11	0.0	0	0.09	0.0	1	0.44	2.3
Prostate gland	0	0.54	0.0	1	1.18	0.8	1	0.78	1.3	2	1.60	1.2	4	4.10	1.0
Testis	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Kidney, renal pelvis, ureter	0	0.10	0.0	1	0.22	4.5	0	0.15	0.0	0	0.22	0.0	1	0.69	1.4
Bladder, other urinary	0	0.25	0.0	1	0.58	1.7	0	0.39	0.0	0	0.67	0.0	1	1.89	0.5
Melanoma of the skin	0	0.05	0.0	0	0.12	0.0	0	0.07	0.0	0	0.10	0.0	0	0.34	0.0
Eye	0	0.01	0.0	1	0.02	58.5	0	0.01	0.0	0	0.01	0.0	1	0.05	20.4
Brain, central nervous system	0	0.04	0.0	1	0.11	9.1	0	0.07	0.0	0	0.09	0.0	1	0.32	3.2
Thyroid gland	0	0.02	0.0	0	0.05	0.0	0	0.03	0.0	0	0.03	0.0	0	0.13	0.0
Bone	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
Connective tissue	0	0.02	0.0	0	0.05	0.0	0	0.03	0.0	0	0.05	0.0	0	0.15	0.0
Lymphatic, hematopoietic system	1	0.28	3.5	3	0.68	4.4	1	0.46	2.2	0	0.69	0.0	5	2.11	2.4
Non-Hodgkin's lymphoma	0	0.10	0.0	2	0.24	8.5	1	0.16	6.4	0	0.22	0.0	3	0.71	4.2
Hodgkin's disease	0	0.02	0.0	0	0.05	0.0	0	0.03	0.0	0	0.04	0.0	0	0.15	0.0
Multiple myeloma	0	0.04	0.0	1	0.11	9.3	0	0.07	0.0	0	0.11	0.0	1	0.33	3.0
Leukemias	1	0.12	8.2	0	0.29	0.0	0	0.19	0.0	0	0.31	0.0	1	0.92	1.1
Chronic lymphocytic	0	0.04	0.0	0	0.09	0.0	0	0.06	0.0	0	0.10	0.0	0	0.29	0.0
Acute nonlymphocytic	1	0.03	28.6	0	0.08	0.0	0	0.06	0.0	0	0.10	0.0	1	0.28	3.6

+ ICD-O code = 160.

\* P<.05.

NASAL CAVITIES  
MALES

TABLE 1D. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the nasal cavities or sinuses 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	361			240			95			52			361		
Person-yr in interval	246			564			348			449			1,608		
All second cancers	1	2.96	0.3	10	6.59	1.5	5	4.42	1.1	6	7.86	0.8	22	21.80	1.0
All excluding site of initial cancer	1	2.95	0.3	10	6.58	1.5	5	4.41	1.1	6	7.84	0.8	22	21.75	1.0
Buccal cavity, pharynx	0	0.16	0.0	1	0.35	2.9	0	0.23	0.0	0	0.35	0.0	1	1.08	0.9
Lip	0	0.03	0.0	0	0.07	0.0	0	0.04	0.0	0	0.06	0.0	0	0.20	0.0
Tongue	0	0.03	0.0	1	0.07	14.6	0	0.04	0.0	0	0.07	0.0	1	0.21	4.7
Salivary gland	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.02	0.0	0	0.06	0.0
Gum, other mouth	0	0.04	0.0	0	0.09	0.0	0	0.06	0.0	0	0.10	0.0	0	0.29	0.0
Pharynx	0	0.04	0.0	0	0.09	0.0	0	0.06	0.0	0	0.09	0.0	0	0.27	0.0
Digestive system	0	0.98	0.0	2	2.12	0.9	1	1.41	0.7	1	2.46	0.4	4	6.96	0.6
Esophagus	0	0.07	0.0	0	0.15	0.0	0	0.10	0.0	0	0.15	0.0	0	0.46	0.0
Stomach	0	0.20	0.0	0	0.40	0.0	0	0.26	0.0	0	0.41	0.0	0	1.27	0.0
Colon	0	0.35	0.0	1	0.77	1.3	0	0.52	0.0	0	0.98	0.0	1	2.62	0.4
Rectum	0	0.20	0.0	0	0.44	0.0	0	0.29	0.0	1	0.50	2.0	1	1.43	0.7
Liver, biliary	0	0.05	0.0	0	0.11	0.0	0	0.07	0.0	0	0.13	0.0	0	0.36	0.0
Pancreas	0	0.10	0.0	0	0.21	0.0	0	0.15	0.0	0	0.25	0.0	0	0.71	0.0
Respiratory system	0	0.56	0.0	1	1.31	0.8	3	0.91	3.3	3	1.53	2.0	7	4.32	1.6
Nasal cavities, sinuses	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.02	0.0	0	0.05	0.0
Larynx	0	0.07	0.0	0	0.15	0.0	1	0.10	9.7	0	0.15	0.0	1	0.48	2.1
Trachea, bronchus, lung	0	0.48	0.0	1	1.13	0.9	2	0.79	2.5	3	1.35	2.2	6	3.76	1.6
Prostate gland	0	0.54	0.0	1	1.18	0.8	1	0.78	1.3	2	1.60	1.2	4	4.10	1.0
Testis	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Kidney, renal pelvis, ureter	0	0.07	0.0	1	0.16	6.1	0	0.11	0.0	0	0.19	0.0	1	0.53	1.9
Bladder, other urinary	0	0.21	0.0	1	0.47	2.1	0	0.32	0.0	0	0.59	0.0	1	1.59	0.6
Melanoma of the skin	0	0.03	0.0	0	0.07	0.0	0	0.04	0.0	0	0.08	0.0	0	0.22	0.0
Eye	0	0.00	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.03	0.0
Brain, central nervous system	0	0.03	0.0	1	0.07	14.1	0	0.05	0.0	0	0.07	0.0	1	0.22	4.6
Thyroid gland	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.02	0.0	0	0.06	0.0
Bone	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.03	0.0
Connective tissue	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.04	0.0	0	0.11	0.0
Lymphatic, hematopoietic system	1	0.19	5.3	2	0.43	4.6	0	0.29	0.0	0	0.53	0.0	3	1.44	2.1
Non-Hodgkin's lymphoma	0	0.06	0.0	1	0.14	7.1	0	0.10	0.0	0	0.16	0.0	1	0.46	2.2
Hodgkin's disease	0	0.02	0.0	0	0.03	0.0	0	0.02	0.0	0	0.03	0.0	0	0.10	0.0
Multiple myeloma	0	0.03	0.0	1	0.06	15.6	0	0.04	0.0	0	0.08	0.0	1	0.22	4.6
Leukemias	1	0.09	11.5	0	0.19	0.0	0	0.13	0.0	0	0.25	0.0	1	0.66	1.5
Chronic lymphocytic	0	0.03	0.0	0	0.06	0.0	0	0.04	0.0	0	0.08	0.0	0	0.22	0.0
Acute nonlymphocytic	1	0.02	42.5	0	0.05	0.0	0	0.04	0.0	0	0.08	0.0	1	0.19	5.2

+ ICD-O code = 160.

\* P<.05.

NASAL CAVITIES  
FEMALES

TABLE 1E. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the nasal cavities or sinuses 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	259			173			80			38			259		
Person-yr in interval	181			447			283			231			1,142		
All second cancers	1	1.51	0.7	11	3.94	2.8*	6	2.55	2.4	3	2.39	1.3	21	10.38	2.0*
All excluding site of initial cancer	1	1.51	0.7	11	3.93	2.8*	6	2.55	2.4	3	2.39	1.3	21	10.36	2.0*
Buccal cavity, pharynx	0	0.03	0.0	1	0.07	14.3	0	0.05	0.0	0	0.04	0.0	1	0.18	5.4
Lip	0	0.00	0.0	0	0.00	0.0	0	0.00	0.0	0	0.00	0.0	0	0.01	0.0
Tongue	0	0.01	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	0.00	0.0	0	0.02	0.0
Gum, other mouth	0	0.01	0.0	1	0.02	42.2	0	0.02	0.0	0	0.02	0.0	1	0.06	15.6
Pharynx	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Digestive system	0	0.47	0.0	1	1.23	0.8	1	0.79	1.3	1	0.78	1.3	3	3.26	0.9
Esophagus	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.07	0.0
Stomach	0	0.07	0.0	1	0.17	6.0	0	0.10	0.0	0	0.10	0.0	1	0.43	2.3
Colon	0	0.21	0.0	0	0.58	0.0	1	0.37	2.7	0	0.38	0.0	1	1.54	0.7
Rectum	0	0.09	0.0	0	0.23	0.0	0	0.15	0.0	1	0.14	7.0	1	0.61	1.6
Liver, biliary	0	0.03	0.0	0	0.08	0.0	0	0.05	0.0	0	0.05	0.0	0	0.22	0.0
Pancreas	0	0.05	0.0	0	0.12	0.0	0	0.08	0.0	0	0.08	0.0	0	0.33	0.0
Respiratory system	0	0.09	0.0	2	0.24	8.2	1	0.17	6.0	0	0.16	0.0	3	0.66	4.6
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	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Trachea, bronchus, lung	0	0.08	0.0	2	0.22	9.1*	1	0.15	6.7	0	0.14	0.0	3	0.59	5.1*
Female breast	1	0.39	2.6	3	1.02	2.9	2	0.66	3.0	0	0.59	0.0	6	2.66	2.3
Female genital tract	0	0.25	0.0	1	0.62	1.6	0	0.40	0.0	1	0.34	2.9	2	1.61	1.2
Cervix uteri	0	0.05	0.0	0	0.12	0.0	0	0.07	0.0	0	0.06	0.0	0	0.30	0.0
Corpus uteri	0	0.10	0.0	0	0.25	0.0	0	0.17	0.0	1	0.15	6.9	1	0.66	1.5
Uterus, NOS	0	0.02	0.0	0	0.05	0.0	0	0.03	0.0	0	0.02	0.0	0	0.11	0.0
Ovary, fallopian tubes	0	0.07	0.0	1	0.17	5.8	0	0.11	0.0	0	0.09	0.0	1	0.44	2.3
Kidney, renal pelvis, ureter	0	0.02	0.0	0	0.06	0.0	0	0.04	0.0	0	0.04	0.0	0	0.16	0.0
Bladder, other urinary	0	0.04	0.0	0	0.11	0.0	0	0.07	0.0	0	0.08	0.0	0	0.30	0.0
Melanoma of the skin	0	0.02	0.0	0	0.04	0.0	0	0.03	0.0	0	0.03	0.0	0	0.12	0.0
Eye	0	0.00	0.0	1	0.01	140.2*	0	0.00	0.0	0	0.00	0.0	1	0.02	55.0
Brain, central nervous system	0	0.01	0.0	0	0.04	0.0	0	0.03	0.0	0	0.02	0.0	0	0.10	0.0
Thyroid gland	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.07	0.0
Bone	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
Connective tissue	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.04	0.0
Lymphatic, hematopoietic system	0	0.09	0.0	1	0.25	4.0	1	0.16	6.2	0	0.16	0.0	2	0.67	3.0
Non-Hodgkin's lymphoma	0	0.04	0.0	1	0.10	10.5	1	0.06	16.2	0	0.06	0.0	2	0.25	7.9
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	0.02	0.0	0	0.04	0.0	0	0.03	0.0	0	0.03	0.0	0	0.11	0.0
Leukemias	0	0.04	0.0	0	0.09	0.0	0	0.06	0.0	0	0.06	0.0	0	0.25	0.0
Chronic lymphocytic	0	0.01	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.07	0.0
Acute nonlymphocytic	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

+ ICD-O code = 160.

\* P<.05.