

NASAL CAVITIES
BOTH SEXES

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

Category	Male	Female	Total
No. with first primary cancer*	702	360	1,062
No. who developed a second primary cancer	41	17	58
Average age at diagnosis of first cancer, yr	63	62	63
Average yr of diagnosis of first cancer	1965	1964	1965
Person-yr of follow-up	2,735	1,900	4,635
Average follow-up, yr	3.9	5.3	4.5
Percent given radiotherapy for first cancer	80	79	79

+ ICD-7 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 Denmark, 1943-80

Microscopically confirmed	No.	Percent+
Both first and second cancers	41	70.7
Only the first cancer	9	15.5
Only the second cancer	6	10.3
Neither first nor second cancer	2	3.5
Total second primary cancers	58	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 Denmark, 1943-80+

Second primary cancer site	Yr after first primary cancer diagnosis														
	<1 yr			1-4 yr			5-9 yr			10+ yr			Total		
	No. starting interval	1,062		695			288			143			1,062		
Person-yr in interval	892		1,678			1,008			1,057			4,634			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	8	8.81	0.9	26	16.98	1.5	11	10.18	1.1	13	11.43	1.1	58	47.38	1.2
All excluding site of initial cancer	8	8.78	0.9	26	16.94	1.5*	11	10.15	1.1	13	11.40	1.1	58	47.27	1.2
Buccal cavity, pharynx	0	0.24	0.0	0	0.44	0.0	0	0.24	0.0	0	0.26	0.0	0	1.17	0.0
Lip	0	0.12	0.0	0	0.20	0.0	0	0.11	0.0	0	0.11	0.0	0	0.54	0.0
Tongue	0	0.03	0.0	0	0.04	0.0	0	0.02	0.0	0	0.02	0.0	0	0.11	0.0
Salivary gland	0	0.03	0.0	0	0.05	0.0	0	0.03	0.0	0	0.03	0.0	0	0.13	0.0
Gum, other mouth	0	0.04	0.0	0	0.07	0.0	0	0.05	0.0	0	0.05	0.0	0	0.21	0.0
Pharynx	0	0.04	0.0	0	0.07	0.0	0	0.04	0.0	0	0.04	0.0	0	0.19	0.0
Digestive system	4	3.33	1.2	7	6.11	1.1	5	3.51	1.4	3	3.91	0.8	19	16.85	1.1
Esophagus	0	0.14	0.0	0	0.23	0.0	0	0.13	0.0	0	0.14	0.0	0	0.64	0.0
Stomach	2	1.04	1.9	1	1.72	0.6	3	0.91	3.3	0	0.93	0.0	6	4.60	1.3
Colon	1	0.81	1.2	4	1.62	2.5	1	0.97	1.0	1	1.15	0.9	7	4.56	1.5
Rectum	0	0.69	0.0	1	1.26	0.8	0	0.72	0.0	1	0.78	1.3	2	3.45	0.6
Liver, biliary	0	0.20	0.0	0	0.42	0.0	0	0.26	0.0	0	0.32	0.0	0	1.20	0.0
Pancreas	1	0.33	3.0	1	0.66	1.5	1	0.40	2.5	1	0.47	2.1	4	1.85	2.2
Respiratory system	3	1.33	2.3	3	2.66	1.1	3	1.64	1.8	3	1.75	1.7	12	7.37	1.6
Nasal cavities, sinuses	0	0.03	0.0	0	0.04	0.0	0	0.03	0.0	0	0.03	0.0	0	0.11	0.0
Larynx	0	0.10	0.0	0	0.17	0.0	0	0.11	0.0	0	0.11	0.0	0	0.48	0.0
Trachea, bronchus, lung	3	1.15	2.6	2	2.32	0.9	3	1.44	2.1	3	1.54	1.9	11	6.43	1.7
Female breast	0	0.54	0.0	3	1.17	2.6	0	0.82	0.0	3	1.04	2.9	6	3.57	1.7
Female genital tract	0	0.49	0.0	1	1.05	1.0	0	0.72	0.0	1	0.89	1.1	2	3.14	0.6
Cervix uteri	0	0.16	0.0	0	0.34	0.0	0	0.22	0.0	0	0.25	0.0	0	0.97	0.0
Corpus uteri	0	0.14	0.0	0	0.30	0.0	0	0.21	0.0	0	0.27	0.0	0	0.92	0.0
Uterus, NOS	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
Ovary, fallopian tubes	0	0.15	0.0	1	0.31	3.2	0	0.22	0.0	1	0.28	3.5	2	0.96	2.1
Prostate gland	1	0.83	1.2	2	1.56	1.3	1	0.83	1.2	0	0.88	0.0	4	4.10	1.0
Testis	0	0.03	0.0	1	0.05	21.1	0	0.03	0.0	0	0.03	0.0	1	0.13	7.7
Kidney, renal pelvis, ureter	0	0.27	0.0	0	0.53	0.0	0	0.32	0.0	1	0.36	2.8	1	1.48	0.7
Bladder, other urinary	0	0.56	0.0	4	1.11	3.6	2	0.67	3.0	0	0.74	0.0	6	3.08	1.9
Melanoma of the skin	0	0.08	0.0	1	0.17	5.9	0	0.11	0.0	1	0.13	7.7	2	0.50	4.0
Eye	0	0.03	0.0	0	0.06	0.0	0	0.03	0.0	0	0.03	0.0	0	0.14	0.0
Brain, central nervous system	0	0.15	0.0	0	0.30	0.0	0	0.18	0.0	0	0.21	0.0	0	0.85	0.0
Thyroid gland	0	0.04	0.0	0	0.07	0.0	0	0.05	0.0	0	0.06	0.0	0	0.21	0.0
Bone	0	0.02	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.08	0.0
Connective tissue	0	0.03	0.0	0	0.06	0.0	0	0.03	0.0	0	0.03	0.0	0	0.15	0.0
Lymphatic, hematopoietic system	0	0.54	0.0	3	1.05	2.9	0	0.63	0.0	1	0.72	1.4	4	2.94	1.4
Non-Hodgkin's lymphoma	0	0.14	0.0	0	0.28	0.0	0	0.17	0.0	0	0.20	0.0	0	0.81	0.0
Hodgkin's disease	0	0.04	0.0	0	0.08	0.0	0	0.04	0.0	0	0.05	0.0	0	0.22	0.0
Multiple myeloma	0	0.10	0.0	0	0.20	0.0	0	0.12	0.0	1	0.14	7.1	1	0.56	1.8
Leukemias	0	0.25	0.0	3	0.48	6.2*	0	0.28	0.0	0	0.31	0.0	3	1.33	2.3
Chronic lymphocytic	0	0.14	0.0	1	0.26	3.8	0	0.14	0.0	0	0.15	0.0	1	0.69	1.4
Acute nonlymphocytic	0	0.06	0.0	1	0.13	7.7	0	0.08	0.0	0	0.09	0.0	1	0.35	2.9

+ ICD-7 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 Denmark, 1943-80+

Second primary cancer site	Yr after first primary cancer diagnosis														
	<1 yr			1-4 yr			5-9 yr			10+ yr			Total		
No. starting interval	702			443			171			78			702		
Person-yr in interval	583			1,039			572			540			2,735		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	7	6.17	1.1	18	11.36	1.6	9	6.21	1.5	7	6.30	1.1	41	30.03	1.4
All excluding site of initial cancer	7	6.15	1.1	18	11.33	1.6	9	6.19	1.5	7	6.28	1.1	41	29.95	1.4
Buccal cavity, pharynx	0	0.20	0.0	0	0.36	0.0	0	0.19	0.0	0	0.19	0.0	0	0.94	0.0
Lip	0	0.11	0.0	0	0.19	0.0	0	0.10	0.0	0	0.10	0.0	0	0.50	0.0
Tongue	0	0.02	0.0	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.07	0.0
Salivary gland	0	0.02	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.08	0.0
Gum, other mouth	0	0.03	0.0	0	0.05	0.0	0	0.03	0.0	0	0.03	0.0	0	0.14	0.0
Pharynx	0	0.03	0.0	0	0.06	0.0	0	0.03	0.0	0	0.03	0.0	0	0.15	0.0
Digestive system	3	2.39	1.3	4	4.16	1.0	3	2.13	1.4	2	2.11	0.9	12	10.79	1.1
Esophagus	0	0.11	0.0	0	0.18	0.0	0	0.09	0.0	0	0.09	0.0	0	0.47	0.0
Stomach	2	0.78	2.6	0	1.25	0.0	2	0.59	3.4	0	0.55	0.0	4	3.17	1.3
Colon	1	0.53	1.9	3	0.99	3.0	1	0.52	1.9	1	0.54	1.8	6	2.58	2.3
Rectum	0	0.53	0.0	1	0.92	1.1	0	0.48	0.0	1	0.47	2.1	2	2.40	0.8
Liver, biliary	0	0.12	0.0	0	0.24	0.0	0	0.13	0.0	0	0.14	0.0	0	0.64	0.0
Pancreas	0	0.24	0.0	0	0.45	0.0	0	0.25	0.0	0	0.26	0.0	0	1.19	0.0
Respiratory system	3	1.20	2.5	2	2.37	0.8	3	1.43	2.1	3	1.45	2.1	11	6.44	1.7
Nasal cavities, sinuses	0	0.02	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.08	0.0
Larynx	0	0.09	0.0	0	0.16	0.0	0	0.10	0.0	0	0.10	0.0	0	0.44	0.0
Trachea, bronchus, lung	3	1.04	2.9	2	2.07	1.0	3	1.26	2.4	3	1.28	2.4	11	5.64	2.0
Prostate gland	1	0.83	1.2	2	1.56	1.3	1	0.83	1.2	0	0.88	0.0	4	4.10	1.0
Testis	0	0.03	0.0	1	0.05	21.1	0	0.03	0.0	0	0.03	0.0	1	0.13	7.7
Kidney, renal pelvis, ureter	0	0.20	0.0	0	0.38	0.0	0	0.21	0.0	1	0.22	4.5	1	1.01	1.0
Bladder, other urinary	0	0.49	0.0	4	0.95	4.2*	2	0.55	3.6	0	0.58	0.0	6	2.57	2.3
Melanoma of the skin	0	0.05	0.0	1	0.10	9.8	0	0.06	0.0	0	0.06	0.0	1	0.27	3.7
Eye	0	0.02	0.0	0	0.04	0.0	0	0.02	0.0	0	0.02	0.0	0	0.09	0.0
Brain, central nervous system	0	0.10	0.0	0	0.19	0.0	0	0.11	0.0	0	0.11	0.0	0	0.52	0.0
Thyroid gland	0	0.02	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.09	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	0.04	0.0	0	0.02	0.0	0	0.02	0.0	0	0.10	0.0
Lymphatic, hematopoietic system	0	0.40	0.0	3	0.75	4.0	0	0.41	0.0	1	0.42	2.4	4	1.98	2.0
Non-Hodgkin's lymphoma	0	0.10	0.0	0	0.19	0.0	0	0.11	0.0	0	0.11	0.0	0	0.52	0.0
Hodgkin's disease	0	0.03	0.0	0	0.06	0.0	0	0.03	0.0	0	0.03	0.0	0	0.15	0.0
Multiple myeloma	0	0.07	0.0	0	0.14	0.0	0	0.08	0.0	1	0.08	12.8	1	0.37	2.7
Leukemias	0	0.19	0.0	3	0.35	8.5*	0	0.19	0.0	0	0.19	0.0	3	0.93	3.2
Chronic lymphocytic	0	0.11	0.0	1	0.20	5.1	0	0.10	0.0	0	0.10	0.0	1	0.51	2.0
Acute nonlymphocytic	0	0.04	0.0	1	0.09	11.6	0	0.05	0.0	0	0.05	0.0	1	0.23	4.3

+ ICD-7 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 Denmark, 1943-80+

Second primary cancer site	Yr after first primary cancer diagnosis												Total		
	<1 yr			1-4 yr			5-9 yr			10+ yr			O	E	
No. starting interval	360			252			117			65			360		
Person-yr in interval	309			639			435			517			1,900		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	1	2.64	0.4	8	5.62	1.4	2	3.97	0.5	6	5.13	1.2	17	17.35	1.0
All excluding site of initial cancer	1	2.63	0.4	8	5.61	1.4	2	3.96	0.5	6	5.12	1.2	17	17.32	1.0
Buccal cavity, pharynx	0	0.04	0.0	0	0.08	0.0	0	0.05	0.0	0	0.07	0.0	0	0.23	0.0
Lip	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
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	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.05	0.0
Gum, other mouth	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
Pharynx	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
Digestive system	1	0.94	1.1	3	1.95	1.5	2	1.38	1.4	1	1.80	0.6	7	6.06	1.2
Esophagus	0	0.03	0.0	0	0.05	0.0	0	0.04	0.0	0	0.05	0.0	0	0.17	0.0
Stomach	0	0.26	0.0	1	0.47	2.1	1	0.32	3.1	0	0.38	0.0	2	1.43	1.4
Colon	0	0.28	0.0	1	0.63	1.6	0	0.45	0.0	0	0.61	0.0	1	1.98	0.5
Rectum	0	0.16	0.0	0	0.34	0.0	0	0.24	0.0	0	0.31	0.0	0	1.05	0.0
Liver, biliary	0	0.08	0.0	0	0.18	0.0	0	0.13	0.0	0	0.18	0.0	0	0.56	0.0
Pancreas	1	0.09	11.2	1	0.21	4.8	1	0.15	6.8	1	0.21	4.8	4	0.66	6.1*
Respiratory system	0	0.13	0.0	1	0.29	3.4	0	0.21	0.0	0	0.30	0.0	1	0.93	1.1
Nasal cavities, sinuses	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
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	0.11	0.0	0	0.25	0.0	0	0.18	0.0	0	0.26	0.0	0	0.79	0.0
Female breast	0	0.54	0.0	3	1.17	2.6	0	0.82	0.0	3	1.04	2.9	6	3.57	1.7
Female genital tract	0	0.49	0.0	1	1.05	1.0	0	0.72	0.0	1	0.89	1.1	2	3.14	0.6
Cervix uteri	0	0.16	0.0	0	0.34	0.0	0	0.22	0.0	0	0.25	0.0	0	0.97	0.0
Corpus uteri	0	0.14	0.0	0	0.30	0.0	0	0.21	0.0	0	0.27	0.0	0	0.92	0.0
Uterus, NOS	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
Ovary, fallopian tubes	0	0.15	0.0	1	0.31	3.2	0	0.22	0.0	1	0.28	3.5	2	0.96	2.1
Kidney, renal pelvis, ureter	0	0.07	0.0	0	0.15	0.0	0	0.11	0.0	0	0.14	0.0	0	0.47	0.0
Bladder, other urinary	0	0.07	0.0	0	0.16	0.0	0	0.12	0.0	0	0.16	0.0	0	0.51	0.0
Melanoma of the skin	0	0.03	0.0	0	0.07	0.0	0	0.05	0.0	1	0.07	13.6	1	0.23	4.3
Eye	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
Brain, central nervous system	0	0.05	0.0	0	0.11	0.0	0	0.07	0.0	0	0.10	0.0	0	0.33	0.0
Thyroid gland	0	0.02	0.0	0	0.04	0.0	0	0.03	0.0	0	0.04	0.0	0	0.12	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	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.05	0.0
Lymphatic, hematopoietic system	0	0.14	0.0	0	0.30	0.0	0	0.22	0.0	0	0.30	0.0	0	0.96	0.0
Non-Hodgkin's lymphoma	0	0.04	0.0	0	0.09	0.0	0	0.06	0.0	0	0.09	0.0	0	0.29	0.0
Hodgkin's disease	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
Multiple myeloma	0	0.03	0.0	0	0.06	0.0	0	0.04	0.0	0	0.06	0.0	0	0.19	0.0
Leukemias	0	0.06	0.0	0	0.13	0.0	0	0.09	0.0	0	0.12	0.0	0	0.40	0.0
Chronic lymphocytic	0	0.03	0.0	0	0.06	0.0	0	0.04	0.0	0	0.05	0.0	0	0.18	0.0
Acute nonlymphocytic	0	0.02	0.0	0	0.04	0.0	0	0.03	0.0	0	0.04	0.0	0	0.12	0.0

+ ICD-7 code = 160.

* P<.05.