

EYE
BOTH SEXES

TABLE 2A. -- Characteristics of persons reported to the Connecticut Tumor Registry with an initial cancer of the eye, 1935-82+

Category	Male	Female	Total
No. with first primary cancer*	346	320	666
No. who developed a second primary cancer	41	27	68
Average age at diagnosis of first cancer, yr	49	51	50
Average yr of diagnosis of first cancer	1961	1961	1961
Person-yr of follow-up	2,897	3,223	6,120
Average follow-up, yr	8.4	10.1	9.2
Percent given radiotherapy for first cancer	11.3	9.1	10.2

+ ICD-0 code = 190.

* 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 2B. -- Microscopic confirmation among persons who developed second primary cancers after an initial cancer of the eye in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	49	72.1
Only the first cancer	12	17.6
Only the second cancer	4	5.9
Neither first nor second cancer	3	4.4
Total second primary cancers	68	100.0

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

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TABLE 2C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the eye 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	666			611			386			223			666		
Person-yr in interval	532			1,936			1,460			2,191			6,120		
All second cancers	8	4.23	1.9	27	15.47	1.7*	14	11.73	1.2	19	17.29	1.1	68	48.69	1.4*
All excluding site of initial cancer	8	4.22	1.9	25	15.44	1.6*	14	11.71	1.2	19	17.27	1.1	66	48.61	1.4*
Buccal cavity, pharynx	0	0.17	0.0	0	0.59	0.0	0	0.43	0.0	1	0.55	1.8	1	1.74	0.6
Lip	0	0.03	0.0	0	0.10	0.0	0	0.07	0.0	0	0.09	0.0	0	0.29	0.0
Tongue	0	0.03	0.0	0	0.12	0.0	0	0.09	0.0	1	0.11	9.0	1	0.35	2.9
Salivary gland	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
Gum, other mouth	0	0.05	0.0	0	0.17	0.0	0	0.12	0.0	0	0.16	0.0	0	0.50	0.0
Pharynx	0	0.04	0.0	0	0.14	0.0	0	0.10	0.0	0	0.13	0.0	0	0.41	0.0
Digestive system	1	1.38	0.7	8	4.94	1.6	3	3.75	0.8	5	5.54	0.9	17	15.58	1.1
Esophagus	0	0.07	0.0	0	0.24	0.0	0	0.18	0.0	0	0.23	0.0	0	0.73	0.0
Stomach	0	0.25	0.0	1	0.85	1.2	1	0.62	1.6	0	0.86	0.0	2	2.57	0.8
Colon	0	0.54	0.0	0	1.98	0.0	1	1.55	0.6	2	2.38	0.8	3	6.44	0.5
Rectum	1	0.28	3.6	4	0.99	4.0*	0	0.74	0.0	1	1.07	0.9	6	3.08	2.0
Liver, biliary	0	0.08	0.0	1	0.29	3.5	0	0.22	0.0	1	0.33	3.0	2	0.92	2.2
Pancreas	0	0.14	0.0	2	0.49	4.1	1	0.37	2.7	0	0.56	0.0	3	1.56	1.9
Respiratory system	2	0.57	3.5	3	2.13	1.4	7	1.61	4.3*	2	2.13	0.9	14	6.44	2.2*
Nasal cavities, sinuses	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
Larynx	0	0.06	0.0	0	0.23	0.0	0	0.17	0.0	0	0.20	0.0	0	0.66	0.0
Trachea, bronchus, lung	2	0.49	4.1	3	1.85	1.6	7	1.41	5.0*	2	1.87	1.1	14	5.62	2.5*
Female breast	1	0.45	2.2	3	1.67	1.8	0	1.22	0.0	1	2.03	0.5	5	5.37	0.9
Female genital tract	1	0.30	3.3	3	1.10	2.7	1	0.79	1.3	2	1.22	1.6	7	3.40	2.1
Cervix uteri	0	0.07	0.0	0	0.23	0.0	0	0.16	0.0	1	0.23	4.3	1	0.69	1.4
Corpus uteri	0	0.11	0.0	1	0.42	2.4	1	0.31	3.2	1	0.48	2.1	3	1.33	2.3
Uterus, NOS	1	0.03	37.7	2	0.09	23.0*	0	0.06	0.0	0	0.08	0.0	3	0.25	11.9*
Ovary, fallopian tubes	0	0.08	0.0	0	0.29	0.0	0	0.21	0.0	0	0.34	0.0	0	0.92	0.0
Prostate gland	0	0.43	0.0	0	1.57	0.0	0	1.28	0.0	2	1.84	1.1	2	5.12	0.4
Testis	0	0.01	0.0	0	0.02	0.0	0	0.01	0.0	0	0.03	0.0	0	0.07	0.0
Kidney, renal pelvis, ureter	0	0.09	0.0	0	0.33	0.0	0	0.24	0.0	0	0.34	0.0	0	1.00	0.0
Bladder, other urinary	2	0.22	9.1*	1	0.81	1.2	0	0.63	0.0	1	0.93	1.1	4	2.58	1.5
Melanoma of the skin	0	0.04	0.0	1	0.17	5.9	1	0.12	8.1	0	0.20	0.0	2	0.53	3.7
Eye	0	0.01	0.0	2	0.03	67.7*	0	0.02	0.0	0	0.02	0.0	2	0.08	24.1*
Brain, central nervous system	0	0.05	0.0	0	0.17	0.0	0	0.12	0.0	0	0.16	0.0	0	0.50	0.0
Thyroid gland	0	0.02	0.0	1	0.07	13.9	0	0.05	0.0	0	0.10	0.0	1	0.24	4.1
Bone	0	0.01	0.0	1	0.03	36.7	1	0.02	51.9	1	0.03	33.6	3	0.08	35.7*
Connective tissue	0	0.02	0.0	0	0.08	0.0	0	0.06	0.0	0	0.09	0.0	0	0.24	0.0
Lymphatic, hematopoietic system	1	0.27	3.7	1	1.01	1.0	1	0.79	1.3	1	1.22	0.8	4	3.29	1.2
Non-Hodgkin's lymphoma	1	0.09	11.1	0	0.34	0.0	0	0.26	0.0	0	0.40	0.0	1	1.09	0.9
Hodgkin's disease	0	0.02	0.0	0	0.08	0.0	0	0.06	0.0	0	0.11	0.0	0	0.27	0.0
Multiple myeloma	0	0.04	0.0	0	0.16	0.0	0	0.12	0.0	0	0.19	0.0	0	0.51	0.0
Leukemias	0	0.12	0.0	1	0.43	2.3	1	0.35	2.9	1	0.52	1.9	3	1.42	2.1
Chronic lymphocytic	0	0.03	0.0	0	0.12	0.0	0	0.10	0.0	0	0.16	0.0	0	0.42	0.0
Acute nonlymphocytic	0	0.03	0.0	1	0.13	7.7	0	0.11	0.0	1	0.16	6.1	2	0.44	4.6

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* P<.05.