

PROSTATE
MALES

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

Category	Male	Female	Total
No. with first primary cancer*	18,135	0	18,135
No. who developed a second primary cancer	1,054	0	1,054
Average age at diagnosis of first cancer, yr	72	0	72
Average yr of diagnosis of first cancer	1967	0	1967
Person-yr of follow-up	70,358	0	70,358
Average follow-up, yr	3.9	0.0	3.9
Percent given radiotherapy for first cancer	12.5	0.0	12.5

+ ICD-0 code = 185.

* 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 prostate gland in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	855	81.1
Only the first cancer	110	10.4
Only the second cancer	74	7.0
Neither first nor second cancer	15	1.4
Total second primary cancers	1,054	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 1C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the prostate gland among males 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
No. starting interval	18,135			14,645			5,154			1,563			18,135		
Person-yr in interval	13,405			35,720			14,889			6,344			70,358		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	161	276.92	0.6*	534	784.89	0.7*	229	361.84	0.6*	130	176.49	0.7*	1,054	1,598.88	0.7*
All excluding site of initial cancer	161	217.59	0.7*	533	612.72	0.9*	229	278.93	0.8*	130	133.20	1.0	1,053	1,241.45	0.8*
Buccal cavity, pharynx	10	12.43	0.8	31	33.89	0.9	13	14.77	0.9	6	6.50	0.9	60	67.53	0.9
Lip	5	2.51	2.0	4	6.79	0.6	4	3.01	1.3	4	1.35	3.0	17	13.64	1.2
Tongue	0	2.39	0.0	7	6.46	1.1	2	2.77	0.7	1	1.16	0.9	10	12.76	0.8
Salivary gland	2	0.71	2.8	6	2.00	3.0*	2	0.94	2.1	1	0.48	2.1	11	4.12	2.7*
Gum, other mouth	1	3.43	0.3	7	9.38	0.7	1	4.06	0.2	0	1.77	0.0	9	18.63	0.5*
Pharynx	2	2.87	0.7	7	7.87	0.9	2	3.40	0.6	0	1.48	0.0	11	15.61	0.7
Digestive system	60	89.99	0.7*	205	252.69	0.8*	105	115.83	0.9	52	55.73	0.9	422	513.83	0.8*
Esophagus	2	5.40	0.4	7	14.76	0.5*	4	6.37	0.6	2	2.77	0.7	15	29.27	0.5*
Stomach	15	16.65	0.9	24	45.51	0.5*	16	20.35	0.8	6	9.44	0.6	61	91.88	0.7*
Colon	26	34.79	0.7	83	99.54	0.8	41	46.67	0.9	24	23.44	1.0	174	204.28	0.9*
Rectum	6	18.05	0.3*	55	50.44	1.1	27	22.93	1.2	8	10.72	0.7	96	102.05	0.9
Liver, biliary	0	4.61	0.0*	10	13.01	0.8	4	6.00	0.7	5	2.93	1.7	19	26.52	0.7
Pancreas	11	9.02	1.2	20	25.43	0.8	12	11.71	1.0	4	5.59	0.7	47	51.71	0.9
Respiratory system	30	49.90	0.6*	108	140.83	0.8*	50	62.90	0.8	23	28.85	0.8	211	282.26	0.7*
Nasal cavities, sinuses	1	0.58	1.7	5	1.62	3.1	1	0.75	1.3	0	0.36	0.0	7	3.31	2.1
Larynx	2	5.13	0.4	15	13.94	1.1	4	5.93	0.7	1	2.47	0.4	22	27.45	0.8
Trachea, bronchus, lung	27	43.75	0.6*	88	124.01	0.7*	45	55.67	0.8	22	25.78	0.9	182	249.00	0.7*
Prostate gland	0	59.33	0.0*	1	172.17	0.0*	0	82.91	0.0*	0	43.29	0.0*	1	357.43	0.0*
Testis	1	0.24	4.2	2	0.61	3.3	0	0.25	0.0	0	0.10	0.0	3	1.19	2.5
Kidney, renal pelvis, ureter	9	6.20	1.5	18	17.43	1.0	9	7.82	1.2	4	3.65	1.1	40	35.08	1.1
Bladder, other urinary	24	20.64	1.2	76	59.18	1.3*	19	27.72	0.7	12	13.97	0.9	131	121.42	1.1
Melanoma of the skin	2	2.47	0.8	8	6.98	1.1	3	3.14	1.0	2	1.52	1.3	15	14.10	1.1
Eye	0	0.34	0.0	0	0.94	0.0	0	0.41	0.0	0	0.17	0.0	0	1.86	0.0
Brain, central nervous system	1	2.01	0.5	0	5.52	0.0*	0	2.29	0.0	1	0.97	1.0	2	10.78	0.2*
Thyroid gland	0	0.56	0.0	1	1.53	0.7	0	0.67	0.0	0	0.29	0.0	1	3.05	0.3
Bone	0	0.37	0.0	0	0.98	0.0	0	0.40	0.0	0	0.17	0.0	0	1.92	0.0
Connective tissue	1	1.29	0.8	3	3.65	0.8	1	1.70	0.6	0	0.85	0.0	5	7.48	0.7
Lymphatic, hematopoietic system	14	17.59	0.8	57	50.26	1.1	19	23.42	0.8	22	11.80	1.9*	112	102.98	1.1
Non-Hodgkin's lymphoma	5	5.33	0.9	13	15.20	0.9	4	6.90	0.6	6	3.42	1.8	28	30.82	0.9
Hodgkin's disease	1	1.00	1.0	2	2.70	0.7	2	1.18	1.7	0	0.50	0.0	5	5.37	0.9
Multiple myeloma	0	2.73	0.0	11	7.87	1.4	1	3.72	0.3	3	1.91	1.6	15	16.22	0.9
Leukemias	8	8.53	0.9	31	24.49	1.3	12	11.63	1.0	13	5.97	2.2*	64	50.58	1.3
Chronic lymphocytic	3	2.81	1.1	9	8.10	1.1	7	3.89	1.8	5	2.03	2.5	24	16.81	1.4
Acute nonlymphocytic	4	2.52	1.6	12	7.38	1.6	2	3.55	0.6	5	1.91	2.6	23	15.34	1.5

+ ICD-O code = 185.

* P<.05.