

PANCREAS
BOTH SEXES

TABLE 7A. -- Characteristics of persons reported to the Connecticut Tumor Registry with an initial cancer of the pancreas, 1935-82+

Category	Male	Female	Total
No. with first primary cancer*	2,655	2,317	4,972
No. who developed a second primary cancer	29	11	40
Average age at diagnosis of first cancer, yr	64	67	65
Average yr of diagnosis of first cancer	1967	1967	1967
Person-yr of follow-up	1,547	1,536	3,083
Average follow-up, yr	0.6	0.7	0.6
Percent given radiotherapy for first cancer	11.6	9.2	10.5

+ ICD-0 code = 157.

* 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 7B. -- Microscopic confirmation among persons who developed second primary cancers after an initial cancer of the pancreas in Connecticut, 1935-82

Microscopically confirmed	No.	Percent+
Both first and second cancers	33	82.5
Only the first cancer	3	7.5
Only the second cancer	4	10.0
Neither first nor second cancer	0	0.0
Total second primary cancers	40	100.0

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

PANCREAS
BOTH SEXES

TABLE 7C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the pancreas among males and 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		
	No. starting interval	4,972		925			91			33			4,972		
Person-yr in interval	1,670		953			275			185			3,083			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	22	21.17	1.0	13	12.61	1.0	2	3.74	0.5	3	2.46	1.2	40	39.95	1.0
All excluding site of initial cancer	22	20.47	1.1	13	12.19	1.1	2	3.62	0.6	3	2.38	1.3	40	38.64	1.0
Buccal cavity, pharynx	0	0.77	0.0	1	0.44	2.3	0	0.12	0.0	0	0.07	0.0	1	1.40	0.7
Lip	0	0.12	0.0	0	0.07	0.0	0	0.02	0.0	0	0.01	0.0	0	0.21	0.0
Tongue	0	0.16	0.0	0	0.09	0.0	0	0.02	0.0	0	0.01	0.0	0	0.28	0.0
Salivary gland	0	0.05	0.0	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.09	0.0
Gum, other mouth	0	0.23	0.0	0	0.13	0.0	0	0.04	0.0	0	0.02	0.0	0	0.42	0.0
Pharynx	0	0.19	0.0	1	0.11	9.3	0	0.03	0.0	0	0.02	0.0	1	0.34	2.9
Digestive system	4	6.77	0.6	1	3.99	0.3	0	1.15	0.0	2	0.76	2.6	7	12.66	0.6
Esophagus	0	0.33	0.0	0	0.18	0.0	0	0.05	0.0	0	0.03	0.0	0	0.59	0.0
Stomach	0	1.06	0.0	0	0.61	0.0	0	0.15	0.0	0	0.09	0.0	0	1.91	0.0
Colon	3	2.83	1.1	1	1.70	0.6	0	0.52	0.0	1	0.35	2.8	5	5.39	0.9
Rectum	1	1.35	0.7	0	0.80	0.0	0	0.23	0.0	0	0.15	0.0	1	2.53	0.4
Liver, biliary	0	0.39	0.0	0	0.22	0.0	0	0.06	0.0	1	0.05	21.9	1	0.72	1.4
Pancreas	0	0.70	0.0	0	0.42	0.0	0	0.12	0.0	0	0.08	0.0	0	1.31	0.0
Respiratory system	2	3.16	0.6	1	1.87	0.5	0	0.57	0.0	1	0.33	3.1	4	5.91	0.7
Nasal cavities, sinuses	0	0.04	0.0	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.08	0.0
Larynx	0	0.32	0.0	0	0.18	0.0	0	0.05	0.0	0	0.03	0.0	0	0.57	0.0
Trachea, bronchus, lung	1	2.77	0.4	1	1.65	0.6	0	0.50	0.0	1	0.29	3.4	3	5.21	0.6
Female breast	1	2.11	0.5	3	1.21	2.5	0	0.37	0.0	0	0.32	0.0	4	4.00	1.0
Female genital tract	0	1.28	0.0	2	0.73	2.8	1	0.21	4.7	0	0.19	0.0	3	2.41	1.2
Cervix uteri	0	0.22	0.0	0	0.12	0.0	0	0.04	0.0	0	0.03	0.0	0	0.41	0.0
Corpus uteri	0	0.54	0.0	0	0.31	0.0	1	0.09	10.6	0	0.08	0.0	1	1.04	1.0
Uterus, NOS	0	0.08	0.0	1	0.04	23.9	0	0.01	0.0	0	0.01	0.0	1	0.14	7.0
Ovary, fallopian tubes	0	0.35	0.0	1	0.20	5.0	0	0.06	0.0	0	0.05	0.0	1	0.67	1.5
Prostate gland	11	2.31	4.8*	4	1.52	2.6	1	0.47	2.1	0	0.24	0.0	16	4.54	3.5*
Testis	1	0.02	53.3	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	1	0.03	30.0
Kidney, renal pelvis, ureter	1	0.45	2.2	0	0.27	0.0	0	0.08	0.0	0	0.05	0.0	1	0.85	1.2
Bladder, other urinary	0	1.17	0.0	0	0.72	0.0	0	0.22	0.0	0	0.13	0.0	0	2.25	0.0
Melanoma of the skin	0	0.23	0.0	0	0.13	0.0	0	0.04	0.0	0	0.03	0.0	0	0.44	0.0
Eye	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.06	0.0
Brain, central nervous system	0	0.21	0.0	0	0.12	0.0	0	0.04	0.0	0	0.03	0.0	0	0.39	0.0
Thyroid gland	1	0.09	11.5	0	0.05	0.0	0	0.01	0.0	0	0.01	0.0	1	0.16	6.2
Bone	0	0.03	0.0	0	0.02	0.0	0	0.00	0.0	0	0.00	0.0	0	0.05	0.0
Connective tissue	1	0.10	10.5	0	0.06	0.0	0	0.02	0.0	0	0.01	0.0	1	0.18	5.6
Lymphatic, hematopoietic system	0	1.40	0.0	1	0.84	1.2	0	0.26	0.0	0	0.17	0.0	1	2.67	0.4
Non-Hodgkin's lymphoma	0	0.48	0.0	1	0.29	3.5	0	0.09	0.0	0	0.06	0.0	1	0.92	1.1
Hodgkin's disease	0	0.09	0.0	0	0.05	0.0	0	0.01	0.0	0	0.01	0.0	0	0.17	0.0
Multiple myeloma	0	0.23	0.0	0	0.14	0.0	0	0.05	0.0	0	0.03	0.0	0	0.45	0.0
Leukemias	0	0.59	0.0	0	0.36	0.0	0	0.11	0.0	0	0.07	0.0	0	1.13	0.0
Chronic lymphocytic	0	0.19	0.0	0	0.11	0.0	0	0.04	0.0	0	0.02	0.0	0	0.36	0.0
Acute nonlymphocytic	0	0.18	0.0	0	0.11	0.0	0	0.04	0.0	0	0.03	0.0	0	0.36	0.0

+ ICD-O code = 157.

* P<.05.

PANCREAS
MALES

TABLE 7D. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the pancreas 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	
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	
No. starting interval	2,655			491			46			18			2,655			
Person-yr in interval	871			484			131			62			1,547			
All second cancers	21	12.65	1.7*	6	7.77	0.8	1	2.28	0.4	1	1.17	0.9	29	23.85	1.2	
All excluding site of initial cancer	21	12.24	1.7*	6	7.52	0.8	1	2.21	0.5	1	1.14	0.9	29	23.08	1.3	
Buccal cavity, pharynx	0	0.63	0.0	0	0.36	0.0	0	0.09	0.0	0	0.05	0.0	0	1.12	0.0	
Lip	0	0.11	0.0	0	0.06	0.0	0	0.01	0.0	0	0.01	0.0	0	0.19	0.0	
Tongue	0	0.12	0.0	0	0.07	0.0	0	0.02	0.0	0	0.01	0.0	0	0.22	0.0	
Salivary gland	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.06	0.0	
Gum, other mouth	0	0.18	0.0	0	0.10	0.0	0	0.03	0.0	0	0.01	0.0	0	0.32	0.0	
Pharynx	0	0.16	0.0	0	0.09	0.0	0	0.02	0.0	0	0.01	0.0	0	0.28	0.0	
Digestive system	4	4.01	1.0	0	2.45	0.0	0	0.68	0.0	0	0.35	0.0	4	7.48	0.5	
Esophagus	0	0.27	0.0	0	0.15	0.0	0	0.04	0.0	0	0.02	0.0	0	0.47	0.0	
Stomach	0	0.71	0.0	0	0.42	0.0	0	0.10	0.0	0	0.05	0.0	0	1.29	0.0	
Colon	3	1.51	2.0	0	0.95	0.0	0	0.29	0.0	0	0.15	0.0	3	2.89	1.0	
Rectum	1	0.84	1.2	0	0.51	0.0	0	0.14	0.0	0	0.07	0.0	1	1.56	0.6	
Liver, biliary	0	0.21	0.0	0	0.12	0.0	0	0.03	0.0	0	0.02	0.0	0	0.38	0.0	
Pancreas	0	0.41	0.0	0	0.25	0.0	0	0.07	0.0	0	0.03	0.0	0	0.77	0.0	
Respiratory system	2	2.62	0.8	1	1.55	0.6	0	0.47	0.0	1	0.24	4.1	4	4.88	0.8	
Nasal cavities, sinuses	0	0.03	0.0	0	0.02	0.0	0	0.00	0.0	0	0.00	0.0	0	0.05	0.0	
Larynx	0	0.29	0.0	0	0.16	0.0	0	0.04	0.0	0	0.02	0.0	0	0.52	0.0	
Trachea, bronchus, lung	1	2.28	0.4	1	1.36	0.7	0	0.42	0.0	1	0.22	4.7	3	4.26	0.7	
Prostate gland	11	2.31	4.8*	4	1.52	2.6	1	0.47	2.1	0	0.24	0.0	16	4.54	3.5*	
Testis	1	0.02	53.3	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	1	0.03	30.0	
Kidney, renal pelvis, ureter	1	0.32	3.2	0	0.19	0.0	0	0.06	0.0	0	0.03	0.0	1	0.59	1.7	
Bladder, other urinary	0	0.92	0.0	0	0.57	0.0	0	0.18	0.0	0	0.09	0.0	0	1.76	0.0	
Melanoma of the skin	0	0.14	0.0	0	0.08	0.0	0	0.03	0.0	0	0.02	0.0	0	0.27	0.0	
Eye	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.03	0.0	
Brain, central nervous system	0	0.13	0.0	0	0.07	0.0	0	0.02	0.0	0	0.01	0.0	0	0.24	0.0	
Thyroid gland	1	0.03	30.3	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	1	0.06	16.7	
Bone	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.03	0.0	
Connective tissue	1	0.06	16.4	0	0.04	0.0	0	0.01	0.0	0	0.01	0.0	1	0.11	8.8	
Lymphatic, hematopoietic system	0	0.83	0.0	1	0.51	2.0	0	0.15	0.0	0	0.08	0.0	1	1.56	0.6	
Non-Hodgkin's lymphoma	0	0.27	0.0	1	0.16	6.2	0	0.05	0.0	0	0.03	0.0	1	0.51	2.0	
Hodgkin's disease	0	0.06	0.0	0	0.03	0.0	0	0.01	0.0	0	0.00	0.0	0	0.10	0.0	
Multiple myeloma	0	0.13	0.0	0	0.08	0.0	0	0.03	0.0	0	0.01	0.0	0	0.25	0.0	
Leukemias	0	0.37	0.0	0	0.23	0.0	0	0.07	0.0	0	0.04	0.0	0	0.71	0.0	
Chronic lymphocytic	0	0.12	0.0	0	0.07	0.0	0	0.02	0.0	0	0.01	0.0	0	0.23	0.0	
Acute nonlymphocytic	0	0.11	0.0	0	0.07	0.0	0	0.02	0.0	0	0.01	0.0	0	0.22	0.0	

+ ICD-O code = 157.

* P<.05.

PANCREAS
FEMALES

TABLE 7E. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the pancreas 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		
	No. starting interval	2,317		434			45			15			2,317		
Person-yr in interval	799		470			144			123			1,536			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	1	8.52	0.1*	7	4.84	1.4	1	1.46	0.7	2	1.29	1.5	11	16.11	0.7
All excluding site of initial cancer	1	8.23	0.1*	7	4.68	1.5	1	1.41	0.7	2	1.25	1.6	11	15.57	0.7
Buccal cavity, pharynx	0	0.15	0.0	1	0.08	12.0	0	0.03	0.0	0	0.02	0.0	1	0.28	3.6
Lip	0	0.01	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.02	0.0
Tongue	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.06	0.0
Salivary gland	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.03	0.0
Gum, other mouth	0	0.05	0.0	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.10	0.0
Pharynx	0	0.03	0.0	1	0.02	54.6	0	0.01	0.0	0	0.00	0.0	1	0.06	16.6
Digestive system	0	2.77	0.0	1	1.54	0.6	0	0.47	0.0	2	0.41	4.8	3	5.19	0.6
Esophagus	0	0.06	0.0	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.11	0.0
Stomach	0	0.35	0.0	0	0.18	0.0	0	0.05	0.0	0	0.04	0.0	0	0.62	0.0
Colon	0	1.32	0.0	1	0.74	1.3	0	0.23	0.0	1	0.20	4.9	2	2.50	0.8
Rectum	0	0.51	0.0	0	0.29	0.0	0	0.09	0.0	0	0.08	0.0	0	0.97	0.0
Liver, biliary	0	0.19	0.0	0	0.10	0.0	0	0.03	0.0	1	0.03	38.4	1	0.34	2.9
Pancreas	0	0.29	0.0	0	0.16	0.0	0	0.05	0.0	0	0.04	0.0	0	0.54	0.0
Respiratory system	0	0.54	0.0	0	0.32	0.0	0	0.10	0.0	0	0.08	0.0	0	1.04	0.0
Nasal cavities, sinuses	0	0.01	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.03	0.0
Larynx	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	0	0.00	0.0	0	0.06	0.0
Trachea, bronchus, lung	0	0.49	0.0	0	0.29	0.0	0	0.09	0.0	0	0.08	0.0	0	0.94	0.0
Female breast	1	2.11	0.5	3	1.21	2.5	0	0.37	0.0	0	0.32	0.0	4	4.00	1.0
Female genital tract	0	1.28	0.0	2	0.73	2.8	1	0.21	4.7	0	0.19	0.0	3	2.41	1.2
Cervix uteri	0	0.22	0.0	0	0.12	0.0	0	0.04	0.0	0	0.03	0.0	0	0.41	0.0
Corpus uteri	0	0.54	0.0	0	0.31	0.0	1	0.09	10.6	0	0.08	0.0	1	1.04	1.0
Uterus, NOS	0	0.08	0.0	1	0.04	23.9	0	0.01	0.0	0	0.01	0.0	1	0.14	7.0
Ovary, fallopian tubes	0	0.35	0.0	1	0.20	5.0	0	0.06	0.0	0	0.05	0.0	1	0.67	1.5
Kidney, renal pelvis, ureter	0	0.14	0.0	0	0.08	0.0	0	0.02	0.0	0	0.02	0.0	0	0.26	0.0
Bladder, other urinary	0	0.26	0.0	0	0.15	0.0	0	0.05	0.0	0	0.04	0.0	0	0.49	0.0
Melanoma of the skin	0	0.09	0.0	0	0.05	0.0	0	0.02	0.0	0	0.01	0.0	0	0.17	0.0
Eye	0	0.01	0.0	0	0.01	0.0	0	0.00	0.0	0	0.00	0.0	0	0.03	0.0
Brain, central nervous system	0	0.08	0.0	0	0.05	0.0	0	0.01	0.0	0	0.01	0.0	0	0.15	0.0
Thyroid gland	0	0.05	0.0	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.10	0.0
Bone	0	0.01	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	0.03	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.06	0.0
Lymphatic, hematopoietic system	0	0.57	0.0	0	0.33	0.0	0	0.11	0.0	0	0.09	0.0	0	1.10	0.0
Non-Hodgkin's lymphoma	0	0.21	0.0	0	0.12	0.0	0	0.04	0.0	0	0.03	0.0	0	0.41	0.0
Hodgkin's disease	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.07	0.0
Multiple myeloma	0	0.10	0.0	0	0.06	0.0	0	0.02	0.0	0	0.02	0.0	0	0.21	0.0
Leukemias	0	0.22	0.0	0	0.13	0.0	0	0.04	0.0	0	0.04	0.0	0	0.42	0.0
Chronic lymphocytic	0	0.06	0.0	0	0.04	0.0	0	0.01	0.0	0	0.01	0.0	0	0.13	0.0
Acute nonlymphocytic	0	0.07	0.0	0	0.04	0.0	0	0.01	0.0	0	0.01	0.0	0	0.14	0.0

+ ICD-O code = 157.

* P<.05.