

PANCREAS
BOTH SEXES

TABLE 7A. -- Characteristics of persons reported to the Danish Cancer Registry with an initial cancer of the pancreas, 1943-80+

Category	Male	Female	Total
No. with first primary cancer*	4,169	3,583	7,752
No. who developed a second primary cancer	41	47	88
Average age at diagnosis of first cancer, yr	65	67	66
Average yr of diagnosis of first cancer	1966	1967	1966
Person-yr of follow-up	3,615	3,532	7,147
Average follow-up, yr	0.9	1.0	0.9
Percent given radiotherapy for first cancer	3	2	3

+ ICD-7 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 Denmark, 1943-80

Microscopically confirmed	No.	Percent+
Both first and second cancers	46	52.3
Only the first cancer	4	4.6
Only the second cancer	26	29.6
Neither first nor second cancer	12	13.6
Total second primary cancers	88	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 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	7,752			1,268			238			130			7,752		
Person-yr in interval	3,564			1,731			877			975			7,147		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	32	39.59	0.8	17	20.66	0.8	11	11.17	1.0	28	13.81	2.0*	88	85.23	1.0
All excluding site of initial cancer	32	38.07	0.8	17	19.85	0.9	11	10.73	1.0	28	13.23	2.1*	88	81.87	1.1
Buccal cavity, pharynx	1	0.96	1.0	0	0.48	0.0	0	0.25	0.0	1	0.28	3.6	2	1.97	1.0
Lip	0	0.44	0.0	0	0.22	0.0	0	0.11	0.0	0	0.12	0.0	0	0.88	0.0
Tongue	0	0.09	0.0	0	0.05	0.0	0	0.02	0.0	0	0.03	0.0	0	0.20	0.0
Salivary gland	0	0.11	0.0	0	0.05	0.0	0	0.03	0.0	1	0.04	25.0	1	0.22	4.5
Gum, other mouth	0	0.17	0.0	0	0.09	0.0	0	0.05	0.0	0	0.06	0.0	0	0.37	0.0
Pharynx	1	0.15	6.7	0	0.08	0.0	0	0.04	0.0	0	0.04	0.0	1	0.31	3.2
Digestive system	12	14.71	0.8	6	7.83	0.8	2	4.22	0.5	6	5.15	1.2	26	31.92	0.8
Esophagus	0	0.55	0.0	0	0.29	0.0	0	0.15	0.0	0	0.18	0.0	0	1.18	0.0
Stomach	3	4.26	0.7	1	2.26	0.4	0	1.18	0.0	1	1.33	0.8	5	9.04	0.6
Colon	4	3.86	1.0	3	2.10	1.4	2	1.16	1.7	4	1.51	2.6	13	8.63	1.5
Rectum	2	2.99	0.7	0	1.57	0.0	0	0.83	0.0	1	0.99	1.0	3	6.38	0.5
Liver, biliary	1	1.00	1.0	2	0.54	3.7	0	0.31	0.0	0	0.41	0.0	3	2.26	1.3
Pancreas	0	1.52	0.0	0	0.81	0.0	0	0.44	0.0	0	0.58	0.0	0	3.36	0.0
Respiratory system	1	5.57	0.2*	1	2.71	0.4	0	1.43	0.0	4	1.76	2.3	6	11.47	0.5
Nasal cavities, sinuses	0	0.09	0.0	0	0.04	0.0	0	0.03	0.0	0	0.03	0.0	0	0.19	0.0
Larynx	0	0.35	0.0	0	0.17	0.0	0	0.09	0.0	1	0.10	10.0	1	0.70	1.4
Trachea, bronchus, lung	1	4.85	0.2	1	2.34	0.4	0	1.24	0.0	3	1.54	1.9	5	9.97	0.5
Female breast	1	3.34	0.3	2	1.74	1.2	3	0.96	3.1	3	1.35	2.2	9	7.39	1.2
Female genital tract	5	2.89	1.7	1	1.48	0.7	2	0.82	2.5	8	1.06	7.6*	16	6.25	2.6*
Cervix uteri	0	0.84	0.0	1	0.43	2.3	0	0.24	0.0	3	0.28	10.7*	4	1.79	2.2
Corpus uteri	1	0.87	1.2	0	0.44	0.0	2	0.24	8.5	3	0.32	9.5*	6	1.85	3.2*
Uterus, NOS	0	0.07	0.0	0	0.04	0.0	0	0.02	0.0	0	0.03	0.0	0	0.16	0.0
Ovary, fallopian tubes	4	0.90	4.4*	0	0.46	0.0	0	0.26	0.0	2	0.35	5.8	6	1.96	3.1*
Prostate gland	3	3.14	1.0	0	1.77	0.0	2	0.98	2.0	1	1.10	0.9	6	6.99	0.9
Testis	1	0.08	13.2	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	1	0.14	7.1
Kidney, renal pelvis, ureter	3	1.20	2.5	2	0.63	3.2	0	0.33	0.0	2	0.41	4.9	7	2.57	2.7*
Bladder, other urinary	3	2.35	1.3	3	1.21	2.5	1	0.67	1.5	0	0.82	0.0	7	5.05	1.4
Melanoma of the skin	0	0.38	0.0	0	0.19	0.0	0	0.11	0.0	0	0.14	0.0	0	0.82	0.0
Eye	0	0.11	0.0	0	0.05	0.0	0	0.03	0.0	1	0.04	25.0	1	0.24	4.2
Brain, central nervous system	0	0.66	0.0	0	0.32	0.0	0	0.16	0.0	0	0.20	0.0	0	1.34	0.0
Thyroid gland	0	0.19	0.0	0	0.09	0.0	0	0.06	0.0	0	0.07	0.0	0	0.40	0.0
Bone	0	0.07	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.14	0.0
Connective tissue	0	0.13	0.0	1	0.07	14.3	0	0.04	0.0	0	0.04	0.0	1	0.26	3.8
Lymphatic, hematopoietic system	1	2.40	0.4	0	1.26	0.0	0	0.69	0.0	2	0.85	2.4	3	5.20	0.6
Non-Hodgkin's lymphoma	0	0.65	0.0	0	0.34	0.0	0	0.18	0.0	0	0.23	0.0	0	1.40	0.0
Hodgkin's disease	1	0.16	6.3	0	0.08	0.0	0	0.04	0.0	0	0.05	0.0	1	0.34	2.9
Multiple myeloma	0	0.47	0.0	0	0.25	0.0	0	0.14	0.0	0	0.17	0.0	0	1.02	0.0
Leukemias	0	1.09	0.0	0	0.59	0.0	0	0.32	0.0	2	0.39	5.1	2	2.39	0.8
Chronic lymphocytic	0	0.58	0.0	0	0.30	0.0	0	0.17	0.0	1	0.20	5.0	1	1.26	0.8
Acute nonlymphocytic	0	0.28	0.0	0	0.15	0.0	0	0.08	0.0	1	0.11	9.1	1	0.61	1.6

+ ICD-7 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 Denmark, 1943-80+

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	4,169			674			120			60			4,169		
Person-yr in interval	1,915			881			418			402			3,615		
All second cancers	16	22.93	0.7	8	11.90	0.7	6	6.27	1.0	11	6.95	1.6	41	48.05	0.9
All excluding site of initial cancer	16	22.03	0.7	8	11.43	0.7	6	6.02	1.0	11	6.66	1.7	41	46.14	0.9
Buccal cavity, pharynx	0	0.73	0.0	0	0.36	0.0	0	0.18	0.0	1	0.19	5.1	1	1.46	0.7
Lip	0	0.40	0.0	0	0.20	0.0	0	0.10	0.0	0	0.11	0.0	0	0.80	0.0
Tongue	0	0.05	0.0	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.11	0.0
Salivary gland	0	0.06	0.0	0	0.03	0.0	0	0.02	0.0	1	0.02	62.9	1	0.12	8.3
Gum, other mouth	0	0.10	0.0	0	0.05	0.0	0	0.03	0.0	0	0.03	0.0	0	0.21	0.0
Pharynx	0	0.11	0.0	0	0.06	0.0	0	0.03	0.0	0	0.03	0.0	0	0.23	0.0
Digestive system	7	8.63	0.8	1	4.57	0.2	2	2.38	0.8	2	2.55	0.8	12	18.14	0.7
Esophagus	0	0.38	0.0	0	0.20	0.0	0	0.10	0.0	0	0.10	0.0	0	0.78	0.0
Stomach	1	2.71	0.4	0	1.44	0.0	0	0.73	0.0	1	0.74	1.4	2	5.62	0.4
Colon	3	1.96	1.5	1	1.07	0.9	2	0.57	3.5	1	0.64	1.6	7	4.24	1.7
Rectum	1	1.94	0.5	0	1.01	0.0	0	0.52	0.0	0	0.56	0.0	1	4.03	0.2
Liver, biliary	1	0.47	2.1	0	0.25	0.0	0	0.14	0.0	0	0.16	0.0	1	1.02	1.0
Pancreas	0	0.90	0.0	0	0.47	0.0	0	0.25	0.0	0	0.29	0.0	0	1.91	0.0
Respiratory system	1	4.70	0.2	1	2.27	0.4	0	1.18	0.0	3	1.39	2.2	5	9.54	0.5
Nasal cavities, sinuses	0	0.06	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.13	0.0
Larynx	0	0.32	0.0	0	0.15	0.0	0	0.08	0.0	1	0.09	11.2	1	0.63	1.6
Trachea, bronchus, lung	1	4.12	0.2	1	1.97	0.5	0	1.03	0.0	2	1.22	1.6	4	8.34	0.5
Prostate gland	3	3.14	1.0	0	1.77	0.0	2	0.98	2.0	1	1.10	0.9	6	6.99	0.9
Testis	1	0.08	13.2	0	0.03	0.0	0	0.02	0.0	0	0.01	0.0	1	0.14	7.1
Kidney, renal pelvis, ureter	1	0.75	1.3	2	0.39	5.2	0	0.20	0.0	2	0.22	9.0*	5	1.56	3.2*
Bladder, other urinary	2	1.86	1.1	2	0.95	2.1	1	0.52	1.9	0	0.60	0.0	5	3.93	1.3
Melanoma of the skin	0	0.18	0.0	0	0.09	0.0	0	0.05	0.0	0	0.05	0.0	0	0.37	0.0
Eye	0	0.07	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.14	0.0
Brain, central nervous system	0	0.37	0.0	0	0.17	0.0	0	0.08	0.0	0	0.09	0.0	0	0.71	0.0
Thyroid gland	0	0.07	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.13	0.0
Bone	0	0.04	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.08	0.0
Connective tissue	0	0.08	0.0	1	0.04	25.8	0	0.02	0.0	0	0.02	0.0	1	0.15	6.5
Lymphatic, hematopoietic system	1	1.49	0.7	0	0.78	0.0	0	0.41	0.0	2	0.45	4.4	3	3.13	1.0
Non-Hodgkin's lymphoma	0	0.38	0.0	0	0.20	0.0	0	0.10	0.0	0	0.11	0.0	0	0.79	0.0
Hodgkin's disease	1	0.10	9.6	0	0.05	0.0	0	0.02	0.0	0	0.03	0.0	1	0.21	4.9
Multiple myeloma	0	0.28	0.0	0	0.15	0.0	0	0.08	0.0	0	0.09	0.0	0	0.59	0.0
Leukemias	0	0.71	0.0	0	0.38	0.0	0	0.20	0.0	2	0.22	9.1*	2	1.51	1.3
Chronic lymphocytic	0	0.40	0.0	0	0.21	0.0	0	0.11	0.0	1	0.12	8.1	1	0.85	1.2
Acute nonlymphocytic	0	0.17	0.0	0	0.09	0.0	0	0.05	0.0	1	0.06	17.7	1	0.36	2.8

+ ICD-7 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 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	3,583		594			118			70			3,583		
Person-yr in interval	1,649		850			460			573			3,532			
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	16	16.66	1.0	9	8.76	1.0	5	4.90	1.0	17	6.86	2.5*	47	37.18	1.3
All excluding site of initial cancer	16	16.04	1.0	9	8.42	1.1	5	4.71	1.1	17	6.57	2.6*	47	35.73	1.3
Buccal cavity, pharynx	1	0.23	4.3	0	0.12	0.0	0	0.07	0.0	0	0.09	0.0	1	0.51	1.9
Lip	0	0.04	0.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	0	0.08	0.0
Tongue	0	0.04	0.0	0	0.02	0.0	0	0.01	0.0	0	0.02	0.0	0	0.09	0.0
Salivary gland	0	0.05	0.0	0	0.02	0.0	0	0.01	0.0	0	0.02	0.0	0	0.10	0.0
Gum, other mouth	0	0.07	0.0	0	0.04	0.0	0	0.02	0.0	0	0.03	0.0	0	0.16	0.0
Pharynx	1	0.04	25.0	0	0.02	0.0	0	0.01	0.0	0	0.01	0.0	1	0.08	11.9
Digestive system	5	6.08	0.8	5	3.26	1.5	0	1.84	0.0	4	2.60	1.5	14	13.78	1.0
Esophagus	0	0.17	0.0	0	0.09	0.0	0	0.05	0.0	0	0.08	0.0	0	0.40	0.0
Stomach	2	1.55	1.3	1	0.82	1.2	0	0.45	0.0	0	0.59	0.0	3	3.42	0.9
Colon	1	1.90	0.5	2	1.03	1.9	0	0.59	0.0	3	0.87	3.5	6	4.39	1.4
Rectum	1	1.05	1.0	0	0.56	0.0	0	0.31	0.0	1	0.43	2.3	2	2.35	0.8
Liver, biliary	0	0.53	0.0	2	0.29	6.9	0	0.17	0.0	0	0.25	0.0	2	1.24	1.6
Pancreas	0	0.62	0.0	0	0.34	0.0	0	0.19	0.0	0	0.29	0.0	0	1.45	0.0
Respiratory system	0	0.87	0.0	0	0.44	0.0	0	0.25	0.0	1	0.37	2.7	1	1.93	0.5
Nasal cavities, sinuses	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.06	0.0
Larynx	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
Trachea, bronchus, lung	0	0.73	0.0	0	0.37	0.0	0	0.21	0.0	1	0.32	3.2	1	1.63	0.6
Female breast	1	3.34	0.3	2	1.74	1.2	3	0.96	3.1	3	1.35	2.2	9	7.39	1.2
Female genital tract	5	2.89	1.7	1	1.48	0.7	2	0.82	2.5	8	1.06	7.6*	16	6.25	2.6*
Cervix uteri	0	0.84	0.0	1	0.43	2.3	0	0.24	0.0	3	0.28	10.7*	4	1.79	2.2
Corpus uteri	1	0.87	1.2	0	0.44	0.0	2	0.24	8.5	3	0.32	9.5*	6	1.85	3.2*
Uterus, NOS	0	0.07	0.0	0	0.04	0.0	0	0.02	0.0	0	0.03	0.0	0	0.16	0.0
Ovary, fallopian tubes	4	0.90	4.4*	0	0.46	0.0	0	0.26	0.0	2	0.35	5.8	6	1.96	3.1*
Kidney, renal pelvis, ureter	2	0.45	4.5	0	0.24	0.0	0	0.13	0.0	0	0.19	0.0	2	1.01	2.0
Bladder, other urinary	1	0.49	2.0	1	0.26	3.8	0	0.15	0.0	0	0.22	0.0	2	1.12	1.8
Melanoma of the skin	0	0.20	0.0	0	0.10	0.0	0	0.06	0.0	0	0.09	0.0	0	0.45	0.0
Eye	0	0.04	0.0	0	0.02	0.0	0	0.01	0.0	1	0.02	59.4	1	0.10	10.2
Brain, central nervous system	0	0.29	0.0	0	0.15	0.0	0	0.08	0.0	0	0.11	0.0	0	0.63	0.0
Thyroid gland	0	0.12	0.0	0	0.06	0.0	0	0.04	0.0	0	0.05	0.0	0	0.27	0.0
Bone	0	0.03	0.0	0	0.01	0.0	0	0.01	0.0	0	0.01	0.0	0	0.06	0.0
Connective tissue	0	0.05	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.11	0.0
Lymphatic, hematopoietic system	0	0.91	0.0	0	0.48	0.0	0	0.28	0.0	0	0.40	0.0	0	2.07	0.0
Non-Hodgkin's lymphoma	0	0.27	0.0	0	0.14	0.0	0	0.08	0.0	0	0.12	0.0	0	0.61	0.0
Hodgkin's disease	0	0.06	0.0	0	0.03	0.0	0	0.02	0.0	0	0.02	0.0	0	0.13	0.0
Multiple myeloma	0	0.19	0.0	0	0.10	0.0	0	0.06	0.0	0	0.08	0.0	0	0.43	0.0
Leukemias	0	0.38	0.0	0	0.21	0.0	0	0.12	0.0	0	0.17	0.0	0	0.88	0.0
Chronic lymphocytic	0	0.18	0.0	0	0.09	0.0	0	0.06	0.0	0	0.08	0.0	0	0.41	0.0
Acute nonlymphocytic	0	0.11	0.0	0	0.06	0.0	0	0.03	0.0	0	0.05	0.0	0	0.25	0.0

+ ICD-7 code = 157.

* P<.05.