

BREAST
FEMALES

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

Category	Male	Female	Total
No. with first primary cancer*	0	54,964	54,964
No. who developed a second primary cancer	0	2,480	2,480
Average age at diagnosis of first cancer, yr	0	60	60
Average yr of diagnosis of first cancer	0	1965	1965
Person-yr of follow-up	0	345,097	345,097
Average follow-up, yr	0	6.3	6.3
Percent given radiotherapy for first cancer	0	69	69

+ ICD-7 code = 170.

* 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 breast in Denmark, 1943-80

Microscopically confirmed	No.	Percent+
Both first and second cancers	2,008	79.9
Only the first cancer	385	15.3
Only the second cancer	92	3.7
Neither first nor second cancer	29	1.2
Total second primary cancers	2,514	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 breast 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	54,964			46,362			22,421			11,273			54,964		
Person-yr in interval	50,710			128,756			79,452			86,180			345,098		
	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E	O	E	O/E
All second cancers	251	309.16	0.8*	811	818.58	1.0	601	547.16	1.1*	817	722.86	1.1*	2,480	2,397.75	1.0
All excluding site of initial cancer	251	309.16	0.8*	811	818.58	1.0	601	547.16	1.1*	817	722.86	1.1*	2,480	2,397.75	1.0
Buccal cavity, pharynx	2	5.23	0.4	10	13.80	0.7	13	9.21	1.4	16	12.23	1.3	41	40.46	1.0
Lip	2	0.77	2.6	1	2.04	0.5	2	1.37	1.5	2	1.88	1.1	7	6.06	1.2
Tongue	0	0.92	0.0	2	2.39	0.8	2	1.58	1.3	1	2.10	0.5	5	6.99	0.7
Salivary gland	0	1.16	0.0	2	3.02	0.7	1	1.97	0.5	7	2.21	3.2*	10	8.37	1.2
Gum, other mouth	0	1.41	0.0	3	3.82	0.8	4	2.61	1.5	6	3.95	1.5	13	11.79	1.1
Pharynx	0	0.97	0.0	2	2.53	0.8	4	1.67	2.4	0	2.09	0.0	6	7.26	0.8
Digestive system	105	130.87	0.8*	315	344.64	0.9	242	230.88	1.0	347	315.58	1.1	1,009	1,021.97	1.0
Esophagus	1	3.71	0.3	6	9.56	0.6	7	6.34	1.1	15	8.65	1.7	29	28.25	1.0
Stomach	31	34.41	0.9	87	86.69	1.0	62	55.35	1.1	64	67.25	1.0	244	243.70	1.0
Colon	29	40.20	0.7	105	108.19	1.0	87	74.08	1.2	130	106.65	1.2*	351	329.11	1.1
Rectum	21	23.23	0.9	61	61.33	1.0	41	41.14	1.0	64	55.22	1.2	187	180.93	1.0
Liver, biliary	8	10.80	0.7	16	29.50	0.5*	17	20.58	0.8	21	30.71	0.7	62	91.59	0.7*
Pancreas	13	12.77	1.0	25	34.93	0.7	20	24.30	0.8	46	36.33	1.3	104	108.32	1.0
Respiratory system	16	19.68	0.8	63	54.01	1.2	60	37.39	1.6*	82	53.41	1.5*	221	164.49	1.3*
Nasal cavities, sinuses	1	0.60	1.7	1	1.56	0.6	0	1.03	0.0	0	1.36	0.0	2	4.56	0.4
Larynx	2	0.86	2.3	1	2.33	0.4	3	1.60	1.9	1	2.09	0.5	7	6.89	1.0
Trachea, bronchus, lung	13	16.56	0.8	57	45.78	1.2	53	31.84	1.7*	76	46.12	1.6*	199	140.30	1.4*
Female breastc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female genital tract	70	79.51	0.9	218	208.63	1.0	145	136.08	1.1	190	159.99	1.2*	623	584.20	1.1
Cervix uteri	21	28.44	0.7	64	72.20	0.9	36	44.20	0.8	43	44.27	1.0	164	189.11	0.9
Corpus uteri	22	21.67	1.0	61	58.37	1.0	44	39.85	1.1	51	50.14	1.0	178	170.03	1.0
Uterus, NOS	5	1.75	2.9	9	4.30	2.1	5	2.68	1.9	1	3.13	0.3	20	11.85	1.7*
Ovary, fallopian tubes	21	22.92	0.9	75	61.19	1.2	50	40.91	1.2	76	51.07	1.5*	222	176.09	1.3*
Kidney, renal pelvis, ureter	10	9.90	1.0	34	26.82	1.3	24	18.46	1.3	29	25.72	1.1	97	80.91	1.2
Bladder, other urinary	10	10.35	1.0	30	28.27	1.1	19	19.65	1.0	23	28.52	0.8	82	86.79	0.9
Melanoma of the skin	6	5.56	1.1	24	14.98	1.6*	13	9.93	1.3	16	12.68	1.3	59	43.15	1.4*
Eye	2	1.10	1.8	3	2.90	1.0	1	1.94	0.5	3	2.38	1.3	9	8.31	1.1
Brain, central nervous system	4	7.83	0.5	20	20.87	1.0	14	13.96	1.0	13	17.49	0.7	51	60.16	0.8
Thyroid gland	3	2.63	1.1	9	7.02	1.3	7	4.72	1.5	4	6.39	0.6	23	20.76	1.1
Bone	0	0.68	0.0	2	1.72	1.2	5	1.10	4.6*	4	1.33	3.0	11	4.83	2.3*
Connective tissue	1	1.35	0.7	5	3.46	1.4	3	2.16	1.4	11	2.59	4.3*	20	9.56	2.1*
Lymphatic, hematopoietic system	17	19.89	0.9	62	53.69	1.2	47	36.77	1.3	60	51.90	1.2	186	162.25	1.1
Non-Hodgkin's lymphoma	6	5.90	1.0	16	16.02	1.0	7	11.04	0.6	21	15.89	1.3	50	48.85	1.0
Hodgkin's disease	1	1.52	0.7	1	3.97	0.3	2	2.60	0.8	2	3.24	0.6	6	11.32	0.5
Multiple myeloma	1	3.89	0.3	6	10.61	0.6	7	7.39	0.9	10	10.75	0.9	24	32.65	0.7
Leukemias	9	8.40	1.1	39	22.58	1.7*	29	15.40	1.9*	26	21.59	1.2	103	67.97	1.5*
Chronic lymphocytic	4	3.61	1.1	9	9.72	0.9	10	6.68	1.5	6	9.63	0.6	29	29.64	1.0
Acute nonlymphocytic	4	2.41	1.7	18	6.67	2.7*	13	4.65	2.8*	16	6.96	2.3*	51	20.69	2.5*

+ ICD-7 code = 170.

* P<.05.

c Second breast cancers were not available on the Danish Cancer Registry computer files.