

Cancer Mortality Among Males and Females in Denmark, England, and Switzerland

V. Incidence of Accessible and Inaccessible Cancers in Danish Towns and Rural Areas

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DEATH CERTIFICATES 1942 TO 1944

Results given in previous papers I to IV have all been obtained by examination of the material of Danish death certificates from the years 1935 to 1939, which period alone would allow comparisons with England and Switzerland. It would now seem worth while to examine whether these results will hold good on a registration material which, better than death certificates, represents the real incidence of cancer. As, however, the Danish Cancer Registry was not started before 1942, we had to make sure that the results obtained on the material from 1935 to 1939, would be found also on a material of death certificates for 1942 to 1944.

That this is the case was evident from a comparison carried out with the technic of the preceding article.

MATERIAL OF THE DANISH CANCER REGISTRY

The system for the collection of the material has been described elsewhere in detail (4). Suffice it to say, that all cases of malignant disease admitted in Danish hospitals are registered with the Cancer Registry. The few cases from private practice will become known through death certificates, and the influence of this dualism in the material has previously been estimated and reported upon (5).

From the Tables 1A to 10A it will appear that the results obtained by means of death certificates are in the main borne out by the investigation based on the registration material, which gives the true incidence of cancer in a country as far as is possible with today's medical facilities.

Females.—Female cancers of accessible sites (Table 5A) show higher incidence in Capital than in Rural Areas, and the difference is rather more pronounced in the present material than shown by death certificates (IV, Table 4A). This seems to make further analysis worth while. However, “in-

accessible sites” show no differences even after exclusion of gastric cancer (Tables 3A and 4A), which in spite of its own slight difference in incidence between Capital and Rural Areas does not influence inaccessible cancers as a whole. Similarly the exclusion of gastric cancer does not influence the differences within the group “cancers of all sites” (Tables 1A and 2A).

Males.—On the whole the incidence of accessible cancers among males is somewhat higher in Capital than in Rural Areas, but this difference seems less pronounced in the registration material (Table 10A). Contrary to the female material “inaccessible sites” shows a higher incidence for the Capital, uninfluenced by the subtraction of the figures for gastric cancer (Tables 8A and 9A), which seem remarkably uniform in the three country parts (Tables 11A and 12A), so that logically the elimination of gastric cancer leaves the figures for all sites uninfluenced and with a pronounced excess in the Capital.

Special sites.—If the numerically important sites of cancer are subject to further analysis we may have a hope of ascribing some of the differences found to certain sites of cancer. From Tables 13A to 16A it will appear, that the variation in the incidence of female cancers of accessible sites, even if shared by breast cancer and cancer of the uterine body, is in the main caused by a difference in the incidence of cervical cancer. It may here be added that 68.3 per cent of uterine cancers are treated in the three Radium Hospitals which in Denmark accept cases from Towns and Rural Areas as well. Furthermore, the percentage of cases known from death certificates only is so low (5) that it must be considered as certain that there is a real difference in the incidence of cervical cancer between Capital and Rural Areas.

For male cancers it seems most surprising that skin cancer does not seem to contribute to the ex-

cess of cancer in towns (Table 18A). For the time being we should think it inadvisable to enter into a further analysis of the male cancers of other sites, less frequently represented in the material.

SUMMARY AND CONCLUSION

Results of studies on cancer mortality described in the previous paper have been confirmed on a corresponding material from 1942 to 1944, and finally tested on a registration material from these years collected by the Danish Cancer Registry.

Female cancers show a higher incidence in accessible sites in the Capital than in Rural Areas, and this is mainly ascribable to a variation in incidence of cervical cancer, although mammary cancer and body cancer of the uterus display the same features, but less pronounced.

Female cancers of inaccessible sites show the same incidence in all the three country parts.

Male cancers of all subdivisions show a higher incidence in the Capital than in Rural Areas.

Among the cancers of special site both gastric cancer and skin cancer show the same incidence in all country parts.

Thus we see that some of the inter-European differences found in the mortality material from 1935 to 1939 can be demonstrated within the borders of a small country, where it moreover has been possible to confirm them by examination of death certificates from 1942 to 1944, and comparison with a registration material from these years.

It seems defensible to conclude that a large part of the inter-European differences are ascribable to gastric cancer and thus probably mainly due to differences in diagnostic procedure and traditions for nomenclature, *etc.*

Likewise it seems probable that differences in the mortality from female accessible cancers represent real differences in incidence mainly ascribable to the differences in the occurrence of cervical cancer.¹

¹ For references, see preceding paper IV.

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of All Sites, Including Stomach)

TABLE 1

Age	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	2.8	5.3	2.9	2.1	2.2	1.4
30-34	6.6	7.8	6.8	2.8	3.0	3.2
35-39	13.6	15.6	10.1	5.8	6.8	4.0
40-44	25.4	21.1	16.1	10.0	9.5	7.2
45-49	35.2	38.8	26.6	17.4	15.6	13.1
50-54	38.8	38.6	32.8	22.2	24.2	24.0
55-59	59.2	58.1	45.8	53.2	36.4	33.5
60-64	68.8	67.1	61.9	75.3	62.0	54.4
65-69	91.4	89.3	80.3	106.2	93.9	82.1
70-74	127.0	116.1	120.5	154.6	134.3	117.9
75-79	143.6	155.6	149.4	200.0	169.7	149.6
80-84	174.1	186.8	174.6	239.1	216.2	179.1
85-	218.9	178.1	188.0	265.1	164.4	188.7

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of All Sites, Stomach Excluded)

TABLE 2

Age	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	2.8	3.1	2.9	2.0	2.1	1.3
30-34	6.1	7.5	6.6	2.4	3.0	2.8
35-39	13.3	12.4	9.5	5.2	6.2	3.6
40-44	24.8	20.4	15.0	8.5	7.9	5.7
45-49	33.7	32.0	24.6	15.8	12.6	9.8
50-54	37.1	35.6	28.6	24.8	18.3	18.3
55-59	55.5	52.0	39.6	45.8	27.2	23.8
60-64	62.5	57.0	51.0	60.3	45.9	37.7
65-69	78.5	71.1	61.0	86.6	64.9	54.7
70-74	103.5	86.2	88.0	127.6	95.0	79.4
75-79	113.5	107.4	103.0	154.7	113.6	98.9
80-84	131.1	131.0	112.3	178.3	164.6	124.0
85-	172.5	122.5	122.2	204.8	122.2	145.5

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of Inaccessible Sites, Including Stomach)

TABLE 3

Age	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.5	1.0	1.0	0.9	0.9	0.7
30-34	1.7	1.2	1.8	1.6	1.6	1.5
35-39	3.2	3.9	3.0	2.8	3.7	1.9
40-44	5.1	5.6	4.8	6.4	4.9	3.9
45-49	8.7	9.5	9.0	11.7	10.2	8.1
50-54	11.7	11.7	13.8	18.4	14.5	15.0
55-59	22.6	22.2	20.7	35.7	25.2	21.8
60-64	28.7	31.3	31.1	50.2	38.5	34.5
65-69	39.8	42.0	45.1	66.7	63.4	55.0
70-74	65.9	62.4	74.0	102.3	91.9	82.8
75-79	80.6	96.3	97.5	134.0	109.6	100.0
80-84	101.5	117.0	113.6	160.9	138.4	112.4
85-	112.8	111.1	118.5	184.7	104.4	99.5

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of Inaccessible Sites, Stomach Excluded)

TABLE 4

Age	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.5	0.8	1.0	0.8	0.8	0.6
30-34	1.2	0.9	1.6	1.2	1.6	1.2
35-39	2.9	2.7	2.5	2.2	3.2	1.4
40-44	4.4	4.9	3.6	4.8	3.3	2.4
45-49	7.2	7.7	6.9	10.1	7.1	4.9
50-54	10.1	8.8	9.6	14.0	8.6	9.2
55-59	18.9	16.1	14.5	23.3	16.0	12.2
60-64	22.4	21.1	20.2	35.2	22.4	17.8
65-69	26.9	23.8	25.8	47.0	34.4	27.6
70-74	42.4	32.5	41.6	75.4	52.6	44.4
75-79	50.4	48.2	51.0	88.7	53.5	49.3
80-84	58.5	61.2	51.3	100.0	86.9	57.3
85-	66.3	55.6	52.8	124.5	62.2	56.3

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of Inaccessible Sites, Including Stomach)

TABLE 5

Age	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.5	1.0	1.0	0.9	0.9	0.7
30-34	1.7	1.2	1.8	1.6	1.6	1.5
35-39	3.2	3.9	3.0	2.8	3.7	1.9
40-44	5.1	5.6	4.8	6.4	4.9	3.9
45-49	8.7	9.5	9.0	11.7	10.2	8.1
50-54	11.7	11.7	13.8	18.4	14.5	15.0
55-59	22.6	22.2	20.7	35.7	25.2	21.8
60-64	28.7	31.3	31.1	50.2	38.5	34.5
65-69	39.8	42.0	45.1	66.7	63.4	55.0
70-74	65.9	62.4	74.0	102.3	91.9	82.8
75-79	80.6	96.3	97.5	134.0	109.6	100.0
80-84	101.5	117.0	113.6	160.9	138.4	112.4
85-	112.8	111.1	118.5	184.7	104.4	99.5

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of Inaccessible Sites, Stomach Excluded)

TABLE 6

Age	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.5	0.8	1.0	0.8	0.8	0.6
30-34	1.2	0.9	1.6	1.2	1.6	1.2
35-39	2.9	2.7	2.5	2.2	3.2	1.4
40-44	4.4	4.9	3.6	4.8	3.3	2.4
45-49	7.2	7.7	6.9	10.1	7.1	4.9
50-54	10.1	8.8	9.6	14.0	8.6	9.2
55-59	18.9	16.1	14.5	23.3	16.0	12.2
60-64	22.4	21.1	20.2	35.2	22.4	17.8
65-69	26.9	23.8	25.8	47.0	34.4	27.6
70-74	42.4	32.5	41.6	75.4	52.6	44.4
75-79	50.4	48.2	51.0	88.7	53.5	49.3
80-84	58.5	61.2	51.3	100.0	86.9	57.3
85-	66.3	55.6	52.8	124.5	62.2	56.3

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of Accessible Sites)

TABLE 5

Age	FEMALES				MALES			
	Capital	Provincial Towns	Rural Areas	Rural Areas	Capital	Provincial Towns	Rural Areas	Rural Areas
25-29	2.3	2.2	1.9	0.7	1.2	1.3	0.7	0.7
30-34	4.9	6.6	5.0	1.6	1.2	1.4	1.6	1.6
35-39	10.4	9.7	7.0	2.2	3.0	3.1	2.2	2.2
40-44	20.4	15.5	11.3	3.3	3.7	4.6	3.3	3.3
45-49	26.5	24.3	17.7	5.0	5.7	5.4	5.0	5.0
50-54	27.0	26.9	19.0	9.1	10.8	9.7	9.1	9.1
55-59	36.6	35.9	25.1	11.6	17.5	11.2	11.6	11.6
60-64	40.1	35.9	30.8	19.8	25.1	23.5	19.8	19.8
65-69	51.6	47.3	35.3	27.1	39.6	30.5	27.1	27.1
70-74	61.1	59.7	46.5	35.0	52.3	42.4	35.0	35.0
75-79	63.1	59.3	52.0	49.6	66.0	60.1	49.6	49.6
80-84	72.6	69.8	61.0	66.7	78.3	77.8	66.7	66.7
85-	106.1	67.0	69.4	89.2	80.3	60.0	89.2	89.2

TABLE 1A
TEST OF SIGNIFICANCE: * FEMALES
MORBIDITY 1942 TO 1944
(Cancer of All Sites, Including Stomach)

Age	cap-pr.t.	pr.t.-r.a.	cap-r.a.†
25-29	-0.73	0.63	-0.17
30-34	-1.56	1.06	-0.28
35-39	-0.02	2.86⊕⊕	2.91⊕⊕
40-44	2.12⊕	3.10⊕⊕	5.65⊕⊕⊕
45-49	0.53	3.34⊕⊕⊕	4.04⊕⊕⊕
50-54	0.07	2.28⊕	2.42⊕
55-59	0.29	3.81⊕⊕⊕	4.26⊕⊕⊕
60-64	0.37	1.32	1.80
65-69	0.37	1.78	2.24⊕
70-74	1.37	-0.62	0.93
75-79	-1.08	0.62	-0.60
80-84	-0.77	0.83	-0.03
85-	1.60	-0.46	1.36

* and † See corresponding footnotes to Table 1A, paper IV.

TABLE 2A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer of All Sites, Stomach Excluded)

Age	cap-pr.t.	pr.t.-r.a.	cap-r.a.
25-29	-0.50	0.38	-0.17
30-34	-1.73	0.98	-0.54
35-39	0.52	2.44⊕	3.17⊕⊕
40-44	2.18⊕	3.46⊕⊕⊕	6.10⊕⊕⊕
45-49	0.67	3.53⊕⊕⊕	4.41⊕⊕⊕
50-54	0.50	2.93⊕⊕⊕	3.61⊕⊕⊕
55-59	0.94	4.10⊕⊕⊕	5.33⊕⊕⊕
60-64	1.30	1.66	5.22⊕⊕⊕
65-69	1.41	2.28⊕	3.95⊕⊕⊕
70-74	2.48⊕	-0.30	2.51⊕
75-79	0.64	0.54	1.28
80-84	0.01	1.55	1.58
85-	2.27⊕	0.02	2.62⊕⊕

TABLE 3A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer of Inaccessible Sites, Including Stomach)

Age	cap-pr.t.	pr.t.-r.a.	cap-r.a.
25-29	-1.50	0.11	-1.52
30-34	1.42	-1.42	-0.27
35-39	-0.91	1.36	0.34
40-44	-0.55	0.94	0.33
45-49	-0.58	0.47	-0.18
50-54	0.04	-1.37	-1.38
55-59	0.15	0.72	0.85
60-64	-0.84	0.05	-0.90
65-69	-0.56	-0.87	-1.52
70-74	0.60	-2.16⊕	-1.52
75-79	-1.86	-0.15	2.24⊕
80-84	-1.21	0.29	0.36
85-	0.09	-0.43	-1.08

TABLE 4A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer of Inaccessible Sites, Stomach Excluded)

Age	cap-pr.t.	pr.t.-r.a.	cap-r.a.
25-29	-1.06	-0.35	-1.52
30-34	1.30	-1.80	-0.82
35-39	0.26	0.46	0.78
40-44	-0.36	1.60	1.04
45-49	-0.36	0.69	0.29
50-54	0.89	-0.65	0.36
55-59	1.29	0.87	2.41⊕
60-64	0.51	0.41	1.00
65-69	1.02	-0.74	0.41
70-74	2.24⊕	-0.51	0.21
75-79	0.36	-0.51	-0.11
80-84	-0.29	1.20	0.90
85-	0.76	0.24	1.10

TABLE 5A
TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer of Accessible Sites)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.	pr.t.-r.a.	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	0.02	0.68	0.72	1.60	-0.08	1.68	1.60
30-34	-2.96⊕	1.92	-0.17	-0.33	-0.33	-0.18	-0.56
35-39	0.52	2.54⊕	3.21⊕	3.30⊕	2.19⊕	2.54⊕	2.19⊕
40-44	2.72⊕	3.07⊕	6.33⊕	2.14⊕	2.54⊕	2.14⊕	2.54⊕
45-49	0.97	3.70⊕	4.93⊕	0.91	1.66	1.66	2.74⊕
50-54	0.06	3.90⊕	4.09⊕	1.88	0.07	2.28⊕	2.28⊕
55-59	0.25	4.38⊕	4.80⊕	4.56⊕	1.04	6.49⊕	5.62⊕
60-64	1.24	1.80	3.31⊕	2.64⊕	1.98⊕	5.08⊕	3.27⊕
65-69	1.00	3.48⊕	4.71⊕	1.83	2.24⊕	4.36⊕	3.68⊕
70-74	1.36	1.59	3.18⊕	2.04⊕	2.18⊕	4.44⊕	3.74⊕
75-79	0.55	1.22	1.87	2.06⊕	1.88	4.12⊕	3.30⊕
80-84	0.27	1.00	1.32	0.98	2.21⊕	3.08⊕	0.66
85-	2.32⊕	-0.19	2.48⊕	2.80⊕	-1.02	2.97⊕	2.64⊕

TABLE 6A
TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer of All Sites, Including Stomach)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.	pr.t.-r.a.	Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.22	1.84	1.58	1.84	25-29	-0.22	1.84	1.58
30-34	-0.84	0.24	-0.74	0.24	30-34	-0.84	0.24	-0.74
35-39	-1.07	3.42⊕	2.13⊕	3.42⊕	35-39	-1.07	3.42⊕	2.13⊕
40-44	0.43	2.19⊕	2.69⊕	2.19⊕	40-44	0.43	2.19⊕	2.69⊕
45-49	1.80	2.04⊕	4.20⊕	2.04⊕	45-49	1.80	2.04⊕	4.20⊕
50-54	2.72⊕	-0.01	3.21⊕	-0.01	50-54	2.72⊕	-0.01	3.21⊕
55-59	5.62⊕	1.42	8.19⊕	1.42	55-59	5.62⊕	1.42	8.19⊕
60-64	3.27⊕	2.52⊕	6.39⊕	2.52⊕	60-64	3.27⊕	2.52⊕	6.39⊕
65-69	3.68⊕	2.36⊕	6.70⊕	2.36⊕	65-69	3.68⊕	2.36⊕	6.70⊕
70-74	3.74⊕	2.50⊕	6.78⊕	2.50⊕	70-74	3.74⊕	2.50⊕	6.78⊕
75-79	3.30⊕	1.69	5.42⊕	1.69	75-79	3.30⊕	1.69	5.42⊕
80-84	0.66	2.85⊕	3.30⊕	2.85⊕	80-84	0.66	2.85⊕	3.30⊕
85-	2.64⊕	-1.13	2.10⊕	-1.13	85-	2.64⊕	-1.13	2.10⊕

TABLE 7A
TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer of All Sites, Stomach Excluded)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.	pr.t.-r.a.	Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.22	1.84	1.58	1.84	25-29	-0.22	1.84	1.58
30-34	-0.84	0.24	-0.74	0.24	30-34	-0.84	0.24	-0.74
35-39	-1.07	3.42⊕	2.13⊕	3.42⊕	35-39	-1.07	3.42⊕	2.13⊕
40-44	0.43	2.19⊕	2.69⊕	2.19⊕	40-44	0.43	2.19⊕	2.69⊕
45-49	1.80	2.04⊕	4.20⊕	2.04⊕	45-49	1.80	2.04⊕	4.20⊕
50-54	2.72⊕	-0.01	3.21⊕	-0.01	50-54	2.72⊕	-0.01	3.21⊕
55-59	5.62⊕	1.42	8.19⊕	1.42	55-59	5.62⊕	1.42	8.19⊕
60-64	3.27⊕	2.52⊕	6.39⊕	2.52⊕	60-64	3.27⊕	2.52⊕	6.39⊕
65-69	3.68⊕	2.36⊕	6.70⊕	2.36⊕	65-69	3.68⊕	2.36⊕	6.70⊕
70-74	3.74⊕	2.50⊕	6.78⊕	2.50⊕	70-74	3.74⊕	2.50⊕	6.78⊕
75-79	3.30⊕	1.69	5.42⊕	1.69	75-79	3.30⊕	1.69	5.42⊕
80-84	0.66	2.85⊕	3.30⊕	2.85⊕	80-84	0.66	2.85⊕	3.30⊕
85-	2.64⊕	-1.13	2.10⊕	-1.13	85-	2.64⊕	-1.13	2.10⊕

TABLE 8A
TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer of Inaccessible Sites, Including Stomach)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.	pr.t.-r.a.	Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	0.18	0.48	0.68	0.48	25-29	0.18	0.48	0.68
30-34	-0.14	0.30	0.14	0.30	30-34	-0.14	0.30	0.14
35-39	-1.11	3.13⊕	1.78	3.13⊕	35-39	-1.11	3.13⊕	1.78
40-44	1.34	1.26	2.88⊕	1.26	40-44	1.34	1.26	2.88⊕
45-49	0.94	1.68	2.80⊕	1.68	45-49	0.94	1.68	2.80⊕
50-54	1.85	-0.26	1.92	-0.26	50-54	1.85	-0.26	1.92
55-59	3.44⊕	1.49	5.60⊕	1.49	55-59	3.44⊕	1.49	5.60⊕
60-64	2.88⊕	1.30	4.72⊕	1.30	60-64	2.88⊕	1.30	4.72⊕
65-69	0.60	1.95	2.60⊕	1.95	65-69	0.60	1.95	2.60⊕
70-74	1.27	1.45	2.84⊕	1.45	70-74	1.27	1.45	2.84⊕
75-79	2.05⊕	1.10	3.40⊕	1.10	75-79	2.05⊕	1.10	3.40⊕
80-84	1.18	1.84	3.09⊕	1.84	80-84	1.18	1.84	3.09⊕
85-	2.74⊕	0.23	3.44⊕	0.23	85-	2.74⊕	0.23	3.44⊕

TABLE 9A
TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer of Inaccessible Sites, Stomach Excluded)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.	pr.t.-r.a.	Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.03	0.65	0.62	0.65	25-29	-0.26	1.86	1.56
30-34	-0.84	0.91	-0.08	-0.08	30-34	-0.34	-0.56	-0.94
35-39	-1.37	3.38⊕	1.72	3.38⊕	35-39	-0.18	1.56	1.34
40-44	1.68	1.28	3.30⊕	1.28	40-44	-1.04	1.78	0.54
45-49	2.12⊕	2.32⊕	4.69⊕	2.32⊕	45-49	0.25	0.52	0.82
50-54	3.12⊕	-0.49	3.22⊕	-0.49	50-54	0.68	0.46	1.26
55-59	4.76⊕	2.20⊕	7.88⊕	2.20⊕	55-59	3.04⊕	-0.30	3.33⊕
60-64	3.96⊕	2.02⊕	6.78⊕	2.02⊕	60-64	0.54	1.55	2.16⊕
65-69	2.92⊕	2.18⊕	5.64⊕	2.18⊕	65-69	2.27⊕	1.14	3.82⊕
70-74	3.44⊕	1.78	5.76⊕	1.78	70-74	1.74	1.76	3.71⊕
75-79	3.90⊕	0.69	5.24⊕	0.69	75-79	0.69	1.68	2.34⊕
80-84	0.87	2.96⊕	3.66⊕	2.96⊕	80-84	0.03	1.09	1.00
85-	2.66⊕	0.44	3.51⊕	0.44	85-	0.98	-1.87	-0.44

TABLE 10A
TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer of Accessible Sites)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.	pr.t.-r.a.	Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.26	1.86	1.56	1.86	25-29	-0.26	1.86	1.56
30-34	-0.34	-0.56	-0.94	-0.56	30-34	-0.34	-0.56	-0.94
35-39	-0.18	1.56	1.34	1.56	35-39	-0.18	1.56	1.34
40-44	-1.04	1.78	0.54	1.78	40-44	-1.04	1.78	0.54
45-49	0.25	0.52	0.82	0.52	45-49	0.25	0.52	0.82
50-54	0.68	0.46	1.26	0.46	50-54	0.68	0.46	1.26
55-59	3.04⊕	-0.30	3.33⊕	-0.30	55-59	3.04⊕	-0.30	3.33⊕
60-64	0.54	1.55	2.16⊕	1.55	60-64	0.54	1.55	2.16⊕
65-69	2.27⊕	1.14	3.82⊕	1.14	65-69	2.27⊕	1.14	3.82⊕
70-74	1.74	1.76	3.71⊕	1.76	70-74	1.74	1.76	3.71⊕
75-79	0.69	1.68	2.34⊕	1.68	75-79	0.69	1.68	2.34⊕
80-84	0.03	1.09	1.00	1.09	80-84	0.03	1.09	1.00
85-	0.98	-1.87	-0.44	-1.87	85-	0.98	-1.87	-0.44

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer of the Stomach)

TABLE 11

AGE	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.2	0.2	0.1	0.2	0.1	0.1
30-34	0.4	0.3	0.2	0.4	0.1	0.3
35-39	0.3	1.2	0.6	0.6	0.5	0.5
40-44	0.7	0.7	1.2	1.6	1.6	1.4
45-49	1.5	1.9	2.0	3.1	3.3	3.3
50-54	1.7	2.9	4.2	5.9	5.9	5.7
55-59	3.7	6.0	6.2	7.4	9.2	9.6
60-64	6.3	10.2	10.9	14.9	16.1	16.7
65-69	12.9	18.2	19.3	19.7	29.0	27.4
70-74	23.5	29.9	32.4	26.9	39.2	38.4
75-79	30.2	48.2	46.4	45.3	56.1	50.7
80-84	43.0	55.8	62.3	60.9	51.5	55.1
85-	46.4	55.6	65.7	60.2	42.2	43.2

TABLE 12

AGE	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	1.2	1.3	1.4	1.2	0.2	0.1
30-34	3.0	3.7	2.7	3.0	0.2	0.3
35-39	5.7	5.1	3.3	5.7	0.4	0.5
40-44	10.3	6.5	4.5	10.3	0.3	0.6
45-49	10.0	8.8	4.4	10.0	1.2	1.7
50-54	8.5	7.8	4.1	8.5	2.0	2.1
55-59	9.4	8.6	2.8	9.4	3.6	2.7
60-64	6.2	5.6	4.2	6.2	3.2	2.6
65-69	5.6	6.1	2.0	5.6	4.6	2.4
70-74	7.1	4.8	2.1	7.1	4.2	1.5
75-79	5.6	3.7	2.1	5.6	2.1	2.1
80-84	4.4	0.8	3.1	4.4	2.3	1.3
85-	6.6	1.6	3.1	6.6	1.7	0.9

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer colli uteri)

TABLE 13

AGE	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.2	0.1	0.1	0.2	0.2	0.1
30-34	0.4	0.3	0.2	0.4	0.3	0.3
35-39	0.7	0.7	1.2	0.7	0.4	0.5
40-44	1.5	1.9	2.0	1.5	0.3	0.6
45-49	1.7	2.9	4.2	1.7	2.0	1.7
50-54	3.7	6.0	6.2	3.7	3.5	2.1
55-59	6.3	10.2	10.9	6.3	3.6	2.7
60-64	12.9	18.2	19.3	12.9	4.4	2.6
65-69	23.5	29.9	32.4	23.5	4.6	2.4
70-74	30.2	48.2	46.4	30.2	4.2	1.5
75-79	43.0	55.8	62.3	43.0	2.1	2.1
80-84	46.4	55.6	65.7	46.4	2.3	1.3
85-	46.4	55.6	65.7	46.4	1.7	0.9

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer uteri unsp.)

TABLE 15

AGE	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.2	0.2	0.0	0.2	0.2	0.0
30-34	0.1	0.2	0.2	0.9	1.6	1.2
35-39	0.1	0.1	0.1	3.1	2.1	2.2
40-44	0.8	0.4	0.2	6.4	4.3	4.3
45-49	0.4	0.5	0.2	9.7	9.2	8.2
50-54	0.9	0.7	0.4	9.1	9.4	7.3
55-59	1.4	0.8	0.8	13.1	14.5	10.7
60-64	1.3	0.6	0.9	18.1	16.4	12.4
65-69	3.2	1.7	1.5	22.8	19.5	15.9
70-74	0.8	2.9	3.7	23.7	19.0	16.0
75-79	2.2	1.6	4.4	23.8	18.9	16.8
80-84	2.2	1.6	4.4	20.7	23.3	16.7
85-	8.2	8.2	5.6	43.1	18.0	20.4

DANISH CANCER REGISTRY: 1942 TO 1944
CANCER MORBIDITY PER 10,000 LIVING
(Cancer cutis)

TABLE 17

AGE	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.4	0.2	0.3	0.4	0.3	0.0
30-34	0.3	0.2	0.3	0.4	0.3	0.2
35-39	0.6	0.9	0.2	0.7	0.4	0.3
40-44	0.6	1.0	0.8	1.2	1.3	0.7
45-49	2.2	1.8	1.2	1.7	1.5	1.2
50-54	1.1	2.3	1.2	3.1	3.4	2.5
55-59	3.2	2.6	2.5	4.1	3.3	2.7
60-64	3.4	3.5	3.6	4.4	6.1	6.0
65-69	5.6	5.6	5.0	6.5	8.3	9.7
70-74	8.6	9.3	8.5	9.5	14.3	11.4
75-79	7.9	13.6	9.4	17.8	22.2	15.8
80-84	16.3	13.2	12.7	15.9	25.2	25.8
85-	24.9	16.3	20.4	12.0	26.7	35.7

TABLE 18

AGE	FEMALES			MALES		
	Capital	Provincial Towns	Rural Areas	Capital	Provincial Towns	Rural Areas
25-29	0.4	0.2	0.3	0.4	0.3	0.0
30-34	0.3	0.2	0.3	0.4	0.3	0.2
35-39	0.6	0.9	0.2	0.7	0.4	0.3
40-44	0.6	1.0	0.8	1.2	1.3	0.7
45-49	2.2	1.8	1.2	1.7	1.5	1.2
50-54	1.1	2.3	1.2	3.1	3.4	2.5
55-59	3.2	2.6	2.5	4.1	3.3	2.7
60-64	3.4	3.5	3.6	4.4	6.1	6.0
65-69	5.6	5.6	5.0	6.5	8.3	9.7
70-74	8.6	9.3	8.5	9.5	14.3	11.4
75-79	7.9	13.6	9.4	17.8	22.2	15.8
80-84	16.3	13.2	12.7	15.9	25.2	25.8
85-	24.9	16.3	20.4	12.0	26.7	35.7

TABLE 11A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer of the Stomach)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-1.77	2.04⊕	
30-34	0.87	0.50	1.10
35-39	-2.56⊕	1.94	-1.01
40-44	-0.17	-1.15	-1.37
45-49	-0.59	-0.30	-0.98
50-54	-1.74	-1.56	-3.50⊕⊕⊕
55-59	-2.14⊕	-0.13	-2.54⊕
60-64	-2.45⊕	-0.47	-3.28⊕⊕
65-69	-2.92⊕	-0.48	-2.97⊕⊕
70-74	-1.72	-0.71	-2.65⊕⊕
75-79	-3.21⊕⊕	0.31	-3.28⊕⊕
80-84	-1.49	-0.76	-2.48⊕
85-	-0.70	-0.82	-1.59

TABLE 12A

TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer of the Stomach)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	0.54	-0.34	0.30
30-34	1.70	-1.54	0.38
35-39	0.30	0.19	0.54
40-44	-0.12	0.42	0.27
45-49	-2.08⊕	-0.29	-2.62⊕⊕
50-54	-1.29	0.18	-1.31
55-59	-1.15	-0.31	-1.63
60-64	-0.50	-0.28	-0.84
65-69	-2.78⊕⊕	0.54	-2.69⊕⊕
70-74	-2.58⊕⊕	0.19	-2.75⊕⊕
75-79	-1.38	0.86	-0.82
80-84	0.80	-0.41	0.56
85-	1.02	-0.08	1.10

TABLE 13A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer coli uteri)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.18	-0.22	-0.42
30-34	-1.78	1.55	0.54
35-39	0.58	2.56⊕	3.30⊕⊕⊕
40-44	3.12⊕⊕	2.30⊕	6.02⊕⊕⊕
45-49	0.86	4.40⊕⊕⊕	5.50⊕⊕⊕
50-54	0.54	3.66⊕⊕⊕	4.40⊕⊕⊕
55-59	0.55	3.70⊕⊕⊕	6.48⊕⊕⊕
60-64	0.46	1.28	1.86
65-69	-0.39	3.93⊕⊕⊕	3.52⊕⊕⊕
70-74	1.32	2.33⊕	3.90⊕⊕⊕
75-79	0.96	1.23	2.36⊕
80-84	1.91	-1.48	0.66
85-	1.40	1.48	2.94⊕⊕

TABLE 14A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer corporis uteri)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-1.77	0.48	-1.49
30-34	-2.50⊕	-0.44	-2.67⊕⊕
35-39	-1.78	-0.32	-2.24⊕
40-44	1.38	-1.29	0.24
45-49	-1.32	0.50	-1.00
50-54	-0.11	2.03⊕	1.96⊕
55-59	0.77	1.12	2.06⊕
60-64	-0.01	0.64	0.64
65-69	-1.31	2.28⊕	0.80
70-74	-0.68	2.65⊕⊕	1.89
75-79	-0.06	-0.01	-0.08
80-84	0.64	0.70	1.46
85-	1.22	-0.98	0.41

TABLE 15A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer uteri unsp.)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.07	1.01	0.95
30-34	-1.46	0.32	-0.90
35-39	1.19	-1.33	-0.10
40-44	3.50⊕⊕⊕	-1.65	2.66⊕⊕
45-49	-0.47	1.30	0.77
50-54	0.37	0.87	1.33
55-59	1.02	-0.07	1.13
60-64	1.22	-0.70	0.70
65-69	1.58	0.32	2.18⊕
70-74	-4.75⊕⊕⊕	2.64⊕⊕	-2.99⊕⊕
75-79	-1.76	-0.54	-2.43⊕
80-84	0.40	-1.48	-1.14
85-	-2.68⊕⊕	0.64	-2.40⊕

TABLE 16A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer mammae)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	-0.05	1.45	1.41
30-34	-1.80	0.88	-0.74
35-39	1.44	-0.18	1.47
40-44	0.08	2.40⊕	2.54⊕
45-49	0.35	0.83	1.26
50-54	-0.20	1.66	1.48
55-59	-0.75	2.42⊕	1.61
60-64	0.77	2.10⊕	3.06⊕⊕
65-69	1.15	1.59	2.95⊕⊕
70-74	1.41	1.14	2.78⊕⊕
75-79	1.18	0.64	2.00⊕
80-84	-0.44	1.36	0.88
85-	2.54⊕	0.34	2.60⊕⊕

TABLE 17A

TEST OF SIGNIFICANCE: FEMALES
MORBIDITY 1942 TO 1944
(Cancer cutis)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	1.02	2.04⊕	3.83⊕⊕⊕
30-34	1.40	-0.44	-0.11
35-39	-0.92	2.77⊕⊕	1.76
40-44	-1.12	0.72	-0.56
45-49	0.67	1.80	2.64⊕⊕
50-54	-1.92	2.12⊕	-0.09
55-59	0.74	0.13	1.00
60-64	-0.04	-0.10	-0.14
65-69	0.00	0.43	0.44
70-74	-0.31	0.39	0.04
75-79	-1.92	1.55	-0.64
80-84	0.66	0.12	0.88
85-	1.04	-0.58	0.60

TABLE 18A

TEST OF SIGNIFICANCE: MALES
MORBIDITY 1942 TO 1944
(Cancer cutis)

Age	cap.-pr.t.	pr.t.-r.a.	cap.-r.a.
25-29	1.26	1.78	3.25⊕⊕
30-34	0.32	0.44	0.82
35-39	1.21	0.44	1.90
40-44	-0.16	1.77	1.57
45-49	0.35	0.58	1.00
50-54	-0.31	1.12	0.75
55-59	0.70	0.81	1.65
60-64	-1.20	0.06	-1.34
65-69	-1.01	-0.81	-1.93
70-74	-1.69	1.25	-0.80
75-79	-1.02	1.76	0.41
80-84	-1.30	-0.09	-1.53
85-	-1.30	-0.90	-2.10⊕