

OVARY
FEMALES

TABLE 3A. -- Characteristics of persons reported to the Connecticut Tumor Registry with an initial cancer of the ovary or fallopian tubes, 1935-82+

| Category | Male | Female | Total |
|--|------|--------|--------|
| No. with first primary cancer* | 0 | 6,810 | 6,810 |
| No. who developed a second primary cancer | 0 | 366 | 366 |
| Average age at diagnosis of first cancer, yr | 0 | 56 | 56 |
| Average yr of diagnosis of first cancer | 0 | 1963 | 1963 |
| Person-yr of follow-up | 0 | 31,200 | 31,200 |
| Average follow-up, yr | 0.0 | 4.6 | 4.6 |
| Percent given radiotherapy for first cancer | 0.0 | 40.6 | 40.6 |

+ ICD-0 code = 183.

* 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 3B. -- Microscopic confirmation among persons who developed second primary cancers after an initial cancer of the ovary or fallopian tubes in Connecticut, 1935-82

| Microscopically confirmed | No. | Percent+ |
|---------------------------------|-----|----------|
| Both first and second cancers | 337 | 92.1 |
| Only the first cancer | 23 | 6.3 |
| Only the second cancer | 4 | 1.1 |
| Neither first nor second cancer | 2 | 0.6 |
| Total second primary cancers | 366 | 100.0 |

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

OVARY
FEMALES

TABLE 3C. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the ovary or fallopian tubes among females 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 | 6,810 | | | 4,193 | | | 1,776 | | | 1,080 | | | 6,810 | | |
| Person-yr in interval | 4,339 | | | 10,036 | | | 6,892 | | | 9,933 | | | 31,200 | | |
| | O | E | O/E | O | E | O/E | O | E | O/E | O | E | O/E | O | E | O/E |
| All second cancers | 54 | 28.79 | 1.9* | 109 | 64.82 | 1.7* | 76 | 48.30 | 1.6* | 127 | 89.79 | 1.4* | 366 | 231.58 | 1.6* |
| All excluding site of initial cancer | 54 | 27.34 | 2.0* | 103 | 61.56 | 1.7* | 70 | 45.94 | 1.5* | 121 | 85.81 | 1.4* | 348 | 220.54 | 1.6* |
| Buccal cavity, pharynx | 1 | 0.52 | 1.9 | 1 | 1.17 | 0.9 | 2 | 0.89 | 2.3 | 1 | 1.65 | 0.6 | 5 | 4.22 | 1.2 |
| Lip | 0 | 0.03 | 0.0 | 0 | 0.06 | 0.0 | 0 | 0.05 | 0.0 | 0 | 0.09 | 0.0 | 0 | 0.22 | 0.0 |
| Tongue | 1 | 0.11 | 9.5 | 0 | 0.24 | 0.0 | 1 | 0.18 | 5.5 | 0 | 0.34 | 0.0 | 2 | 0.87 | 2.3 |
| Salivary gland | 0 | 0.07 | 0.0 | 0 | 0.15 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.19 | 0.0 | 0 | 0.52 | 0.0 |
| Gum, other mouth | 0 | 0.17 | 0.0 | 1 | 0.40 | 2.5 | 1 | 0.30 | 3.3 | 1 | 0.58 | 1.7 | 3 | 1.45 | 2.1 |
| Pharynx | 0 | 0.12 | 0.0 | 0 | 0.28 | 0.0 | 0 | 0.21 | 0.0 | 0 | 0.38 | 0.0 | 0 | 1.00 | 0.0 |
| Digestive system | 22 | 7.91 | 2.8* | 25 | 17.55 | 1.4 | 19 | 13.29 | 1.4 | 45 | 26.35 | 1.7* | 111 | 65.06 | 1.7* |
| Esophagus | 0 | 0.19 | 0.0 | 0 | 0.42 | 0.0 | 1 | 0.32 | 3.2 | 0 | 0.62 | 0.0 | 1 | 1.54 | 0.6 |
| Stomach | 1 | 1.03 | 1.0 | 5 | 2.21 | 2.3 | 3 | 1.60 | 1.9 | 0 | 2.92 | 0.0 | 9 | 7.75 | 1.2 |
| Colon | 17 | 3.65 | 4.7* | 12 | 8.15 | 1.5 | 10 | 6.25 | 1.6 | 24 | 12.76 | 1.9* | 63 | 30.80 | 2.0* |
| Rectum | 3 | 1.58 | 1.9 | 2 | 3.52 | 0.6 | 4 | 2.66 | 1.5 | 12 | 5.13 | 2.3* | 21 | 12.89 | 1.6* |
| Liver, biliary | 0 | 0.52 | 0.0 | 2 | 1.14 | 1.8 | 0 | 0.85 | 0.0 | 4 | 1.66 | 2.4 | 6 | 4.17 | 1.4 |
| Pancreas | 0 | 0.78 | 0.0 | 3 | 1.74 | 1.7 | 1 | 1.34 | 0.7 | 4 | 2.75 | 1.5 | 8 | 6.60 | 1.2 |
| Respiratory system | 4 | 1.78 | 2.2 | 2 | 4.06 | 0.5 | 5 | 3.10 | 1.6 | 11 | 6.36 | 1.7 | 22 | 15.30 | 1.4 |
| Nasal cavities, sinuses | 0 | 0.05 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.08 | 0.0 | 0 | 0.14 | 0.0 | 0 | 0.39 | 0.0 |
| Larynx | 0 | 0.11 | 0.0 | 0 | 0.26 | 0.0 | 0 | 0.20 | 0.0 | 0 | 0.37 | 0.0 | 0 | 0.94 | 0.0 |
| Trachea, bronchus, lung | 4 | 1.59 | 2.5 | 2 | 3.64 | 0.5 | 5 | 2.79 | 1.8 | 11 | 5.78 | 1.9 | 22 | 13.79 | 1.6 |
| Female breast | 12 | 8.01 | 1.5 | 34 | 18.22 | 1.9* | 16 | 13.41 | 1.2 | 25 | 23.72 | 1.1 | 87 | 63.33 | 1.4* |
| Female genital tract | 6 | 5.35 | 1.1 | 20 | 11.97 | 1.7* | 19 | 8.65 | 2.2* | 16 | 14.32 | 1.1 | 61 | 40.27 | 1.5* |
| Cervix uteri | 0 | 1.21 | 0.0 | 5 | 2.68 | 1.9 | 4 | 1.82 | 2.2 | 0 | 2.49 | 0.0 | 9 | 8.20 | 1.1 |
| Corpus uteri | 6 | 2.06 | 2.9* | 5 | 4.70 | 1.1 | 7 | 3.55 | 2.0 | 8 | 6.40 | 1.3 | 26 | 16.69 | 1.6* |
| Uterus, NOS | 0 | 0.38 | 0.0 | 4 | 0.78 | 5.1* | 0 | 0.51 | 0.0 | 0 | 0.65 | 0.0 | 4 | 2.32 | 1.7 |
| Ovary, fallopian tubes | 0 | 1.45 | 0.0 | 6 | 3.26 | 1.8 | 6 | 2.36 | 2.5 | 6 | 3.98 | 1.5 | 18 | 11.04 | 1.6 |
| Kidney, renal pelvis, ureter | 2 | 0.43 | 4.6 | 4 | 0.97 | 4.1* | 1 | 0.74 | 1.3 | 3 | 1.43 | 2.1 | 10 | 3.58 | 2.8* |
| Bladder, other urinary | 1 | 0.69 | 1.4 | 5 | 1.56 | 3.2* | 1 | 1.20 | 0.8 | 10 | 2.53 | 4.0* | 17 | 5.97 | 2.8* |
| Melanoma of the skin | 2 | 0.37 | 5.4 | 1 | 0.87 | 1.1 | 1 | 0.64 | 1.6 | 1 | 1.11 | 0.9 | 5 | 2.99 | 1.7 |
| Eye | 0 | 0.05 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.08 | 0.0 | 0 | 0.15 | 0.0 | 0 | 0.39 | 0.0 |
| Brain, central nervous system | 1 | 0.33 | 3.0 | 1 | 0.76 | 1.3 | 0 | 0.56 | 0.0 | 1 | 0.97 | 1.0 | 3 | 2.62 | 1.1 |
| Thyroid gland | 0 | 0.24 | 0.0 | 0 | 0.55 | 0.0 | 1 | 0.40 | 2.5 | 2 | 0.64 | 3.1 | 3 | 1.82 | 1.6 |
| Bone | 0 | 0.05 | 0.0 | 0 | 0.10 | 0.0 | 0 | 0.07 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.33 | 0.0 |
| Connective tissue | 1 | 0.13 | 7.8 | 0 | 0.29 | 0.0 | 1 | 0.21 | 4.7 | 3 | 0.36 | 8.3* | 5 | 0.99 | 5.0* |
| Lymphatic, hematopoietic system | 0 | 1.73 | 0.0 | 13 | 3.94 | 3.3* | 8 | 3.01 | 2.7* | 4 | 6.01 | 0.7 | 25 | 14.68 | 1.7* |
| Non-Hodgkin's lymphoma | 0 | 0.67 | 0.0 | 1 | 1.52 | 0.7 | 2 | 1.16 | 1.7 | 1 | 2.32 | 0.4 | 4 | 5.67 | 0.7 |
| Hodgkin's disease | 0 | 0.15 | 0.0 | 1 | 0.35 | 2.8 | 0 | 0.25 | 0.0 | 0 | 0.41 | 0.0 | 1 | 1.16 | 0.9 |
| Multiple myeloma | 0 | 0.28 | 0.0 | 3 | 0.64 | 4.7 | 2 | 0.51 | 3.9 | 1 | 1.11 | 0.9 | 6 | 2.54 | 2.4 |
| Leukemias | 0 | 0.62 | 0.0 | 8 | 1.41 | 5.7* | 4 | 1.08 | 3.7 | 2 | 2.17 | 0.9 | 14 | 5.28 | 2.7* |
| Chronic lymphocytic | 0 | 0.16 | 0.0 | 0 | 0.37 | 0.0 | 0 | 0.29 | 0.0 | 2 | 0.64 | 3.1 | 2 | 1.47 | 1.4 |
| Acute nonlymphocytic | 0 | 0.21 | 0.0 | 6 | 0.49 | 12.3* | 4 | 0.38 | 10.6* | 0 | 0.77 | 0.0 | 10 | 1.84 | 5.4* |

+ ICD-O code = 183.

* P<.05.

OVARY
 FEMALES
 RADIOTHERAPY

TABLE 3D. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the ovary or fallopian tubes among females given radiotherapy 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 | 2,767 | | 1,758 | | | 741 | | | 422 | | | 2,767 | | |
| Person-yr in interval | 1,822 | | 4,117 | | | 2,811 | | | 3,457 | | | 12,208 | | | |
| | O | E | O/E | O | E | O/E | O | E | O/E | O | E | O/E | O | E | O/E |
| All second cancers | 18 | 10.76 | 1.7 | 48 | 24.99 | 1.9* | 48 | 19.24 | 2.5* | 59 | 30.82 | 1.9* | 173 | 85.76 | 2.0* |
| All excluding site of initial cancer | 18 | 10.17 | 1.8* | 46 | 23.67 | 1.9* | 45 | 18.27 | 2.5* | 56 | 29.42 | 1.9* | 165 | 81.48 | 2.0* |
| Buccal cavity, pharynx | 0 | 0.19 | 0.0 | 1 | 0.47 | 2.1 | 0 | 0.38 | 0.0 | 1 | 0.59 | 1.7 | 2 | 1.63 | 1.2 |
| Lip | 0 | 0.01 | 0.0 | 0 | 0.02 | 0.0 | 0 | 0.02 | 0.0 | 0 | 0.03 | 0.0 | 0 | 0.07 | 0.0 |
| Tongue | 0 | 0.04 | 0.0 | 0 | 0.10 | 0.0 | 0 | 0.08 | 0.0 | 0 | 0.12 | 0.0 | 0 | 0.34 | 0.0 |
| Salivary gland | 0 | 0.03 | 0.0 | 0 | 0.06 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.06 | 0.0 | 0 | 0.19 | 0.0 |
| Gum, other mouth | 0 | 0.06 | 0.0 | 1 | 0.16 | 6.4 | 0 | 0.13 | 0.0 | 1 | 0.21 | 4.8 | 2 | 0.56 | 3.6 |
| Pharynx | 0 | 0.05 | 0.0 | 0 | 0.12 | 0.0 | 0 | 0.09 | 0.0 | 0 | 0.14 | 0.0 | 0 | 0.40 | 0.0 |
| Digestive system | 9 | 2.78 | 3.2* | 11 | 6.27 | 1.8 | 12 | 4.84 | 2.5* | 21 | 8.57 | 2.5* | 53 | 22.45 | 2.4* |
| Esophagus | 0 | 0.07 | 0.0 | 0 | 0.16 | 0.0 | 0 | 0.13 | 0.0 | 0 | 0.22 | 0.0 | 0 | 0.56 | 0.0 |
| Stomach | 0 | 0.37 | 0.0 | 1 | 0.75 | 1.3 | 3 | 0.53 | 5.7* | 0 | 0.89 | 0.0 | 4 | 2.52 | 1.6 |
| Colon | 7 | 1.27 | 5.5* | 5 | 2.91 | 1.7 | 6 | 2.29 | 2.6 | 11 | 4.16 | 2.6* | 29 | 10.62 | 2.7* |
| Rectum | 1 | 0.57 | 1.8 | 1 | 1.30 | 0.8 | 2 | 1.00 | 2.0 | 6 | 1.72 | 3.5* | 10 | 4.59 | 2.2* |
| Liver, biliary | 0 | 0.18 | 0.0 | 1 | 0.39 | 2.6 | 0 | 0.29 | 0.0 | 2 | 0.52 | 3.9 | 3 | 1.38 | 2.2 |
| Pancreas | 0 | 0.27 | 0.0 | 2 | 0.63 | 3.2 | 1 | 0.50 | 2.0 | 1 | 0.91 | 1.1 | 4 | 2.31 | 1.7 |
| Respiratory system | 0 | 0.60 | 0.0 | 1 | 1.60 | 0.6 | 3 | 1.41 | 2.1 | 5 | 2.42 | 2.1 | 9 | 6.03 | 1.5 |
| Nasal cavities, sinuses | 0 | 0.02 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.03 | 0.0 | 0 | 0.05 | 0.0 | 0 | 0.15 | 0.0 |
| Larynx | 0 | 0.04 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.09 | 0.0 | 0 | 0.14 | 0.0 | 0 | 0.38 | 0.0 |
| Trachea, bronchus, lung | 0 | 0.53 | 0.0 | 1 | 1.43 | 0.7 | 3 | 1.27 | 2.4 | 5 | 2.20 | 2.3 | 9 | 5.43 | 1.7 |
| Female breast | 6 | 3.13 | 1.9 | 16 | 7.36 | 2.2* | 10 | 5.57 | 1.8 | 13 | 8.32 | 1.6 | 45 | 24.37 | 1.8* |
| Female genital tract | 1 | 2.16 | 0.5 | 9 | 4.83 | 1.9 | 12 | 3.55 | 3.4* | 7 | 5.06 | 1.4 | 29 | 15.60 | 1.9* |
| Cervix uteri | 0 | 0.53 | 0.0 | 1 | 1.09 | 0.9 | 2 | 0.71 | 2.8 | 0 | 0.86 | 0.0 | 3 | 3.19 | 0.9 |
| Corpus uteri | 1 | 0.81 | 1.2 | 3 | 1.94 | 1.5 | 6 | 1.54 | 3.9* | 4 | 2.35 | 1.7 | 14 | 6.64 | 2.1* |
| Uterus, NOS | 0 | 0.15 | 0.0 | 3 | 0.28 | 10.8* | 0 | 0.17 | 0.0 | 0 | 0.19 | 0.0 | 3 | 0.79 | 3.8 |
| Ovary, fallopian tubes | 0 | 0.59 | 0.0 | 2 | 1.32 | 1.5 | 3 | 0.97 | 3.1 | 3 | 1.40 | 2.1 | 8 | 4.28 | 1.9 |
| Kidney, renal pelvis, ureter | 0 | 0.16 | 0.0 | 2 | 0.37 | 5.4 | 0 | 0.30 | 0.0 | 1 | 0.50 | 2.0 | 3 | 1.32 | 2.3 |
| Bladder, other urinary | 0 | 0.23 | 0.0 | 1 | 0.56 | 1.8 | 1 | 0.46 | 2.2 | 6 | 0.83 | 7.2* | 8 | 2.08 | 3.9* |
| Melanoma of the skin | 0 | 0.14 | 0.0 | 1 | 0.36 | 2.8 | 1 | 0.28 | 3.6 | 0 | 0.40 | 0.0 | 2 | 1.17 | 1.7 |
| Eye | 0 | 0.02 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.03 | 0.0 | 0 | 0.05 | 0.0 | 0 | 0.15 | 0.0 |
| Brain, central nervous system | 1 | 0.13 | 7.6 | 0 | 0.31 | 0.0 | 0 | 0.24 | 0.0 | 1 | 0.36 | 2.8 | 2 | 1.04 | 1.9 |
| Thyroid gland | 0 | 0.10 | 0.0 | 0 | 0.22 | 0.0 | 1 | 0.16 | 6.2 | 1 | 0.21 | 4.7 | 2 | 0.70 | 2.9 |
| Bone | 0 | 0.02 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.03 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.12 | 0.0 |
| Connective tissue | 0 | 0.05 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.08 | 0.0 | 3 | 0.12 | 24.6* | 3 | 0.37 | 8.2* |
| Lymphatic, hematopoietic system | 0 | 0.62 | 0.0 | 4 | 1.48 | 2.7 | 7 | 1.17 | 6.0* | 0 | 2.02 | 0.0 | 11 | 5.28 | 2.1* |
| Non-Hodgkin's lymphoma | 0 | 0.24 | 0.0 | 0 | 0.58 | 0.0 | 1 | 0.47 | 2.1 | 0 | 0.81 | 0.0 | 1 | 2.09 | 0.5 |
| Hodgkin's disease | 0 | 0.06 | 0.0 | 1 | 0.14 | 7.1 | 0 | 0.10 | 0.0 | 0 | 0.14 | 0.0 | 1 | 0.44 | 2.3 |
| Multiple myeloma | 0 | 0.10 | 0.0 | 0 | 0.24 | 0.0 | 2 | 0.20 | 9.9* | 0 | 0.38 | 0.0 | 2 | 0.92 | 2.2 |
| Leukemias | 0 | 0.22 | 0.0 | 3 | 0.51 | 5.8* | 4 | 0.39 | 10.2* | 0 | 0.70 | 0.0 | 7 | 1.82 | 3.8* |
| Chronic lymphocytic | 0 | 0.06 | 0.0 | 0 | 0.13 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.21 | 0.0 | 0 | 0.50 | 0.0 |
| Acute nonlymphocytic | 0 | 0.07 | 0.0 | 1 | 0.18 | 5.5 | 4 | 0.14 | 27.7* | 0 | 0.26 | 0.0 | 5 | 0.65 | 7.6* |

+ ICD-O code = 183.

* P<.05.

OVARY
 FEMALES
 NO RADIOTHERAPY

TABLE 3E. -- Observed (O) and expected (E) numbers of second primary cancers by years after diagnosis of an initial cancer of the ovary or fallopian tubes among females not given radiotherapy 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 | 4,043 | | 2,435 | | | 1,035 | | | 658 | | | 4,043 | | |
| Person-yr in interval | 2,517 | | 5,919 | | | 4,081 | | | 6,476 | | | 18,993 | | | |
| | O | E | O/E | O | E | O/E | O | E | O/E | O | E | O/E | O | E | O/E |
| All second cancers | 36 | 18.03 | 2.0* | 61 | 39.83 | 1.5* | 28 | 29.07 | 1.0 | 68 | 58.98 | 1.2 | 193 | 145.83 | 1.3* |
| All excluding site of initial cancer | 36 | 17.16 | 2.1* | 57 | 37.89 | 1.5* | 25 | 27.68 | 0.9 | 65 | 56.40 | 1.2 | 183 | 139.06 | 1.3* |
| Buccal cavity, pharynx | 1 | 0.32 | 3.1 | 0 | 0.70 | 0.0 | 2 | 0.51 | 3.9 | 0 | 1.06 | 0.0 | 3 | 2.60 | 1.2 |
| Lip | 0 | 0.02 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.03 | 0.0 | 0 | 0.06 | 0.0 | 0 | 0.15 | 0.0 |
| Tongue | 1 | 0.07 | 15.2 | 0 | 0.14 | 0.0 | 1 | 0.10 | 9.6 | 0 | 0.22 | 0.0 | 2 | 0.53 | 3.8 |
| Salivary gland | 0 | 0.04 | 0.0 | 0 | 0.09 | 0.0 | 0 | 0.07 | 0.0 | 0 | 0.13 | 0.0 | 0 | 0.33 | 0.0 |
| Gum, other mouth | 0 | 0.11 | 0.0 | 0 | 0.24 | 0.0 | 1 | 0.17 | 5.8 | 0 | 0.37 | 0.0 | 1 | 0.90 | 1.1 |
| Pharynx | 0 | 0.08 | 0.0 | 0 | 0.16 | 0.0 | 0 | 0.12 | 0.0 | 0 | 0.24 | 0.0 | 0 | 0.59 | 0.0 |
| Digestive system | 13 | 5.12 | 2.5* | 14 | 11.28 | 1.2 | 7 | 8.45 | 0.8 | 24 | 17.78 | 1.3 | 58 | 42.61 | 1.4* |
| Esophagus | 0 | 0.12 | 0.0 | 0 | 0.26 | 0.0 | 1 | 0.19 | 5.3 | 0 | 0.41 | 0.0 | 1 | 0.98 | 1.0 |
| Stomach | 1 | 0.66 | 1.5 | 4 | 1.46 | 2.7 | 0 | 1.08 | 0.0 | 0 | 2.03 | 0.0 | 5 | 5.23 | 1.0 |
| Colon | 10 | 2.38 | 4.2* | 7 | 5.24 | 1.3 | 4 | 3.96 | 1.0 | 13 | 8.61 | 1.5 | 34 | 20.18 | 1.7* |
| Rectum | 2 | 1.01 | 2.0 | 1 | 2.22 | 0.4 | 2 | 1.65 | 1.2 | 6 | 3.42 | 1.8 | 11 | 8.30 | 1.3 |
| Liver, biliary | 0 | 0.34 | 0.0 | 1 | 0.75 | 1.3 | 0 | 0.56 | 0.0 | 2 | 1.15 | 1.7 | 3 | 2.79 | 1.1 |
| Pancreas | 0 | 0.51 | 0.0 | 1 | 1.11 | 0.9 | 0 | 0.83 | 0.0 | 3 | 1.84 | 1.6 | 4 | 4.30 | 0.9 |
| Respiratory system | 4 | 1.18 | 3.4 | 1 | 2.46 | 0.4 | 2 | 1.69 | 1.2 | 6 | 3.94 | 1.5 | 13 | 9.27 | 1.4 |
| Nasal cavities, sinuses | 0 | 0.03 | 0.0 | 0 | 0.07 | 0.0 | 0 | 0.05 | 0.0 | 0 | 0.09 | 0.0 | 0 | 0.24 | 0.0 |
| Larynx | 0 | 0.07 | 0.0 | 0 | 0.15 | 0.0 | 0 | 0.11 | 0.0 | 0 | 0.23 | 0.0 | 0 | 0.56 | 0.0 |
| Trachea, bronchus, lung | 4 | 1.07 | 3.8* | 1 | 2.21 | 0.5 | 2 | 1.51 | 1.3 | 6 | 3.58 | 1.7 | 13 | 8.36 | 1.6 |
| Female breast | 6 | 4.88 | 1.2 | 18 | 10.86 | 1.7 | 6 | 7.84 | 0.8 | 12 | 15.40 | 0.8 | 42 | 38.96 | 1.1 |
| Female genital tract | 5 | 3.19 | 1.6 | 11 | 7.14 | 1.5 | 7 | 5.10 | 1.4 | 9 | 9.25 | 1.0 | 32 | 24.67 | 1.3 |
| Cervix uteri | 0 | 0.68 | 0.0 | 4 | 1.59 | 2.5 | 2 | 1.11 | 1.8 | 0 | 1.63 | 0.0 | 6 | 5.01 | 1.2 |
| Corpus uteri | 5 | 1.25 | 4.0* | 2 | 2.76 | 0.7 | 1 | 2.01 | 0.5 | 4 | 4.05 | 1.0 | 12 | 10.06 | 1.2 |
| Uterus, NOS | 0 | 0.23 | 0.0 | 1 | 0.50 | 2.0 | 0 | 0.34 | 0.0 | 0 | 0.46 | 0.0 | 1 | 1.53 | 0.7 |
| Ovary, fallopian tubes | 0 | 0.87 | 0.0 | 4 | 1.94 | 2.1 | 3 | 1.39 | 2.2 | 3 | 2.58 | 1.2 | 10 | 6.77 | 1.5 |
| Kidney, renal pelvis, ureter | 2 | 0.28 | 7.3 | 2 | 0.60 | 3.3 | 1 | 0.45 | 2.2 | 2 | 0.94 | 2.1 | 7 | 2.25 | 3.1* |
| Bladder, other urinary | 1 | 0.46 | 2.2 | 4 | 1.00 | 4.0* | 0 | 0.75 | 0.0 | 4 | 1.70 | 2.4 | 9 | 3.90 | 2.3* |
| Melanoma of the skin | 2 | 0.23 | 8.7 | 0 | 0.51 | 0.0 | 0 | 0.36 | 0.0 | 1 | 0.71 | 1.4 | 3 | 1.81 | 1.7 |
| Eye | 0 | 0.03 | 0.0 | 0 | 0.07 | 0.0 | 0 | 0.05 | 0.0 | 0 | 0.10 | 0.0 | 0 | 0.25 | 0.0 |
| Brain, central nervous system | 0 | 0.20 | 0.0 | 1 | 0.45 | 2.2 | 0 | 0.32 | 0.0 | 0 | 0.61 | 0.0 | 1 | 1.58 | 0.6 |
| Thyroid gland | 0 | 0.14 | 0.0 | 0 | 0.33 | 0.0 | 0 | 0.24 | 0.0 | 1 | 0.42 | 2.4 | 1 | 1.13 | 0.9 |
| Bone | 0 | 0.03 | 0.0 | 0 | 0.06 | 0.0 | 0 | 0.04 | 0.0 | 0 | 0.07 | 0.0 | 0 | 0.21 | 0.0 |
| Connective tissue | 1 | 0.08 | 12.8 | 0 | 0.18 | 0.0 | 1 | 0.13 | 7.7 | 0 | 0.24 | 0.0 | 2 | 0.63 | 3.2 |
| Lymphatic, hematopoietic system | 0 | 1.11 | 0.0 | 9 | 2.46 | 3.7* | 1 | 1.84 | 0.5 | 4 | 3.98 | 1.0 | 14 | 9.40 | 1.5 |
| Non-Hodgkin's lymphoma | 0 | 0.43 | 0.0 | 1 | 0.94 | 1.1 | 1 | 0.69 | 1.4 | 1 | 1.51 | 0.7 | 3 | 3.57 | 0.8 |
| Hodgkin's disease | 0 | 0.09 | 0.0 | 0 | 0.21 | 0.0 | 0 | 0.15 | 0.0 | 0 | 0.27 | 0.0 | 0 | 0.73 | 0.0 |
| Multiple myeloma | 0 | 0.18 | 0.0 | 3 | 0.40 | 7.5* | 0 | 0.31 | 0.0 | 1 | 0.73 | 1.4 | 4 | 1.62 | 2.5 |
| Leukemias | 0 | 0.40 | 0.0 | 5 | 0.90 | 5.5* | 0 | 0.69 | 0.0 | 2 | 1.47 | 1.4 | 7 | 3.46 | 2.0 |
| Chronic lymphocytic | 0 | 0.11 | 0.0 | 0 | 0.24 | 0.0 | 0 | 0.19 | 0.0 | 2 | 0.44 | 4.6 | 2 | 0.96 | 2.1 |
| Acute nonlymphocytic | 0 | 0.14 | 0.0 | 5 | 0.31 | 16.4* | 0 | 0.23 | 0.0 | 0 | 0.51 | 0.0 | 5 | 1.19 | 4.2* |

+ ICD-O code = 183.

* P<.05.