

Table 4.25

## Cancer of the Female Breast (Invasive)

Percent Distribution and Counts by Histology among Histologically Confirmed Cases, 2009-2013  
Females by Race

| Histology <sup>a</sup>   | All Races |         | White   |         | Black  |         | Asian/Pacific<br>Islander |         | American Indian/<br>Alaska Native <sup>b</sup> |         | Hispanic <sup>c</sup> |         |
|--|-----------|---------|---------|---------|--------|---------|---------------------------|---------|--|---------|-----------------------|---------|
|  | Count     | Percent | Count   | Percent | Count  | Percent | Count                     | Percent | Count  | Percent | Count                 | Percent |
| Carcinoma  | 299,215   | 99.4%   | 238,533 | 99.5%   | 32,760 | 99.3%   | 23,931                    | 99.3%   | 1,240  | 99.0%   | 31,465                | 99.2%   |
| Epidermoid carcinoma <sup>d</sup><br>(8051-8131)                         | 147       | 0.0%    | 117     | 0.0%    | 21     | 0.1%    | -                         | -       | -  | -       | -                     | -       |
| Adenocarcinoma <sup>e</sup>  | 293,284   | 97.4%   | 234,031 | 97.6%   | 31,784 | 96.3%   | 23,586                    | 97.8%   | 1,216  | 97.0%   | 30,807                | 97.1%   |
| Adenocarcinoma, NOS (8140)   | 2,142     | 0.7%    | 1,670   | 0.7%    | 292    | 0.9%    | 139                       | 0.6%    | -  | -       | 235                   | 0.7%    |
| Infiltrating duct<br>carcinoma (8500)                                    | 220,968   | 73.4%   | 174,157 | 72.6%   | 24,903 | 75.5%   | 18,909                    | 78.4%   | 974  | 77.7%   | 23,640                | 74.5%   |
| Lobular carcinoma, NOS<br>(8520)   | 27,753    | 9.2%    | 23,645  | 9.9%    | 2,397  | 7.3%    | 1,366                     | 5.7%    | 95   | 7.6%    | 2,418                 | 7.6%    |
| Inflammatory<br>adenocarcinoma (8530)                                    | 939       | 0.3%    | 749     | 0.3%    | 129    | 0.4%    | 51                        | 0.2%    | -  | -       | 140                   | 0.4%    |
| Infiltrating duct mixed<br>and infiltrating lobular<br>mixed (8522-8524) | 27,566    | 9.2%    | 22,940  | 9.6%    | 2,458  | 7.4%    | 1,862                     | 7.7%    | 80   | 6.4%    | 3,000                 | 9.5%    |
| Mucinous adenocarcinoma<br>(8480,8482)                                   | 5,724     | 1.9%    | 4,439   | 1.9%    | 645    | 2.0%    | 572                       | 2.4%    | 22   | 1.8%    | 552                   | 1.7%    |
| Mucin-producing<br>adenocarcinoma (8481)                                 | 67        | 0.0%    | 47      | 0.0%    | -      | -       | -                         | -       | -  | -       | -                     | -       |
| Tubular adenocarcinoma<br>(8211)   | 1,719     | 0.6%    | 1,523   | 0.6%    | 99     | 0.3%    | 89                        | 0.4%    | -  | -       | 134                   | 0.4%    |
| Papillary adenocarcinoma<br>(8050,8260,8503,8504)                        | 1,848     | 0.6%    | 1,303   | 0.5%    | 303    | 0.9%    | 210                       | 0.9%    | -  | -       | 193                   | 0.6%    |
| Paget disease (8540-8543)  | 1,156     | 0.4%    | 910     | 0.4%    | 122    | 0.4%    | 109                       | 0.5%    | -  | -       | 131                   | 0.4%    |
| Other adenocarcinomas <sup>f</sup>                                       | 3,402     | 1.1%    | 2,648   | 1.1%    | 422    | 1.3%    | 275                       | 1.1%    | -  | -       | 357                   | 1.1%    |
| Other specific carcinomas <sup>g</sup>                                   | 2,466     | 0.8%    | 1,839   | 0.8%    | 448    | 1.4%    | 151                       | 0.6%    | -  | -       | 311                   | 1.0%    |
| Medullary adenocarcinoma<br>(8510-8513)                                  | 773       | 0.3%    | 525     | 0.2%    | 194    | 0.6%    | 48                        | 0.2%    | -  | -       | 150                   | 0.5%    |
| Other <sup>h</sup>   | 1,693     | 0.6%    | 1,314   | 0.5%    | 254    | 0.8%    | 103                       | 0.4%    | -  | -       | 161                   | 0.5%    |
| Unspecified, Carcinoma, NOS<br>(8010-8011,8020-8022)                     | 3,318     | 1.1%    | 2,546   | 1.1%    | 507    | 1.5%    | 187                       | 0.8%    | -  | -       | 336                   | 1.1%    |

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Percents may not sum to 100 due to rounding.

<sup>a</sup> Excludes Kaposi Sarcoma, mesothelioma, lymphomas, leukemias, myelomas, lymphoreticular, and immunoproliferative diseases.

<sup>b</sup> Estimates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

<sup>c</sup> Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

<sup>d</sup> Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

<sup>e</sup> Epidermoid carcinoma includes squamous, basal, and transitional cell carcinomas.

<sup>e</sup> Adenocarcinoma includes histologies 8050, 8140-8147, 8160-8162, 8180-8221, 8250-8507, 8514, 8520-8551, 8560, 8570-8574, 8576, 8940-8941.

<sup>f</sup> Other adenocarcinomas include histologies 8141-8147, 8160-8162, 8180-8210, 8212-8221, 8250-8259, 8261-8479, 8483-8499, 8501-8502, 8505-8507, 8514, 8521, 8525-8529, 8531-8539, 8544-8551, 8560, 8570-8574, 8576, 8940-8941.

<sup>g</sup> Other specific carcinomas include histologies 8012-8015, 8030-8046, 8150-8155, 8170-8175, 8230-8249, 8508, 8510-8513, 8561-8562, 8575, 8580-8671.

<sup>h</sup> Other includes histologies 8012-8015, 8030-8046, 8150-8155, 8170-8175, 8230-8249, 8508, 8561-8562, 8575, 8580-8671.

- Statistic not shown due to fewer than 16 cases during the time period.

Table 4.25 - continued

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|---|-----------|---------|---------|---------|--------|---------|---------------------------|---------|--|---------|-----------------------|---------|
|   | Count     | Percent | Count   | Percent | Count  | Percent | Count                     | Percent | Count  | Percent | Count                 | Percent |
| Sarcoma and other soft tissue tumors (8680-8713,8800-8921, 9040-9044,9120-9136, 9150-9252,9370-9373, 9540-9582) | 335       | 0.1%    | 255     | 0.1%    | 50     | 0.2%    | 24                        | 0.1%    | -  | -       | 32                    | 0.1%    |
| Hemangiosarcomas (9120-9126,9170)   | 161       | 0.1%    | 138     | 0.1%    | -      | -       | -                         | -       | -  | -       | -                     | -       |
| Other sarcomas <sup>d</sup>   | 174       | 0.1%    | 117     | 0.0%    | 37     | 0.1%    | -                         | -       | -  | -       | 21                    | 0.1%    |
| Other specific types (8720-8790,8930-8936, 8950-9030,9060-9110, 9260-9365,9380-9539)                            | 754       | 0.3%    | 539     | 0.2%    | 93     | 0.3%    | 111                       | 0.5%    | -  | -       | 134                   | 0.4%    |
| Phyllodes tumor, malignant (9020)   | 638       | 0.2%    | 451     | 0.2%    | 72     | 0.2%    | 104                       | 0.4%    | -  | -       | 113                   | 0.4%    |
| Other <sup>e</sup>  | 116       | 0.0%    | 88      | 0.0%    | 21     | 0.1%    | -                         | -       | -  | -       | 21                    | 0.1%    |
| Unspecified (8000-8005)   | 666       | 0.2%    | 498     | 0.2%    | 93     | 0.3%    | 45                        | 0.2%    | -  | -       | 85                    | 0.3%    |
| Total <sup>f</sup>  | 300,970   | 100.0%  | 239,825 | 100.0%  | 32,996 | 100.0%  | 24,111                    | 100.0%  | 1,253  | 100.0%  | 31,716                | 100.0%  |

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

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<sup>d</sup> Other sarcomas include histologies 8680-8713, 8800-8921, 9040-9044, 9127-9136, 9150-9169, 9171-9252, 9370-9373, 9540-9582.

<sup>e</sup> Other includes histologies 8720-8790, 8930-8936, 8950-9019, 9021-9030, 9060-9110, 9260-9365, 9380-9539.

<sup>f</sup> Total includes carcinoma cases from the previous page.

- Statistic not shown due to fewer than 16 cases during the time period.