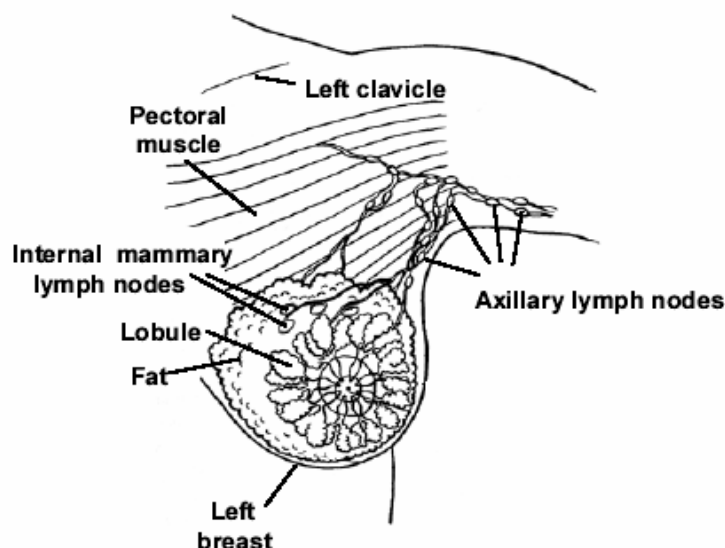


BREAST CANCER

BREAST CANCER

GENERAL PROFILE⁴

Figure 49. Anatomy of the Breast⁵



General Anatomy: Each breast has 15 to 20 sections called lobes. Within each lobe are many smaller lobules, which end in dozens of tiny bulbs that can produce milk. The lobes, lobules, and bulbs are all linked by thin tubes called ducts. These ducts lead to the nipple in the center of a dark area of skin called the areola. Fat surrounds the lobules and ducts. Each breast also contains blood vessels and lymph vessels. The lymph vessels carry colorless fluid called lymph, and lead to small bean-shaped organs called lymph nodes. Clusters of lymph nodes are found near the breast in the axilla (under the arm), above the collarbone, and in the chest. Lymph nodes are also found in many other parts of the body.

Risk Factors: Personal, and/or family, history of Breast Cancer, atypical hyperplasia, lobular carcinoma in situ, prolonged levels of estrogen, later childbearing, breast density, radiation therapy, and alcohol use are all important risk factors.

Signs and Symptoms: Common signs and symptoms include: A lump or thickening in or near the breast or in the underarm area, change in the size or shape of the breast, nipple discharge or tenderness, nipple inverted into breast, ridges or pitting of the breast, and a change in the way the skin of the breast, areola, or nipple looks or feels (for example, warm, swollen, red, or scaly).

Diagnosing the Cancer: The most common ways of diagnosing Breast Cancer are: clinical breast exam, mammography, ultrasonography, fine-needle aspiration, and needle or surgical biopsy.

Treatment: Treatment options include: surgery (Lumpectomy, Segmental Mastectomy, Simple Mastectomy, and Radical Mastectomy), radiation therapy, chemotherapy, hormonal therapy, and biological therapy.

HIGHLIGHTS

- The ratio of the age-adjusted incidence rate, 141.8, to the age-adjusted mortality rate, 25.5 (per 100,000 – 2000 US Standard female population), for Female Breast Cancer was 5.56 during the 1999 to 2003 period, which means that for every 556 Female Breast Cancer cases there was 100 female deaths due to Breast Cancer in Nevada during this period.
- The median age at diagnosis of Breast Cancer for Nevada females was 61 years of age from 1999 to 2003. The median age at time of death due to Breast Cancer for females was 67 years.

CANCER SCREENING

- From 1999 to 2003, 93.4% of the 3,729 Nevadan females who responded had ever had a mammogram and/or a clinical breast exam to try and detect early signs of Breast Cancer.
- The percentage of women who stated their education level at less than high school (91.3%) or high school (89.7%) had lower rates of ever having had a mammogram and/or clinical breast exam than those who stated their education level at some post high school (95.2%) or college graduate (97.4%) during the 1999 to 2003 period.
- Those women whose age was 18 to 24 years, 73.9% (67.1%-80.7%), had the lowest statistically significant percentage of ever having a mammogram and/or a clinical breast exam of any age group surveyed from 1999 to 2003. However, those women 25 to 34 years of age also had a statistically significant lower percentage, 89.8% (86.3%-93.2%), than all other age groups surveyed.

INCIDENCE

- There were 7,417 cases of Female Breast Cancer reported in Nevada from 1999 to 2003. Regional comparisons showed that Washoe County's age-adjusted incidence rate, 162.1 (153.6-170.9), was statistically higher than the rate for Nevada as a whole 141.8 (138.5-145.1), Clark County 141.8 (137.8-145.8) and the All Other Counties region 120.1 (112.6-128.0) during this period.
- Hispanic females were considerably lower than the statewide median age at time of diagnosis for Breast Cancer (61 years) with a median age of 53 years, the lowest of any racial/ethnic group. The racial/ethnic group with the highest median age at diagnosis were White females with a median age of 62 years for the 1999 to 2003 period.
- White females accounted for 85.6% of all reported Female Breast Cancer cases in Nevada from 1999 to 2003. They had a statistically significant higher rate 154.7 (150.9-158.6) than Black females 123.7 (110.8-138.0), Asian females 78.2 (67.6-91.5), Hispanic females 65.6 (58.0-74.6) and Native American females 21.1 (11.4-36.4) per 100,000 – 2000 US Standard population, during this period.

INPATIENT HOSPITAL DISCHARGES

- There were 2404 female hospital inpatient discharges with a primary diagnosis of Breast Cancer from 1999 to 2003. Clark County had the highest age-adjusted inpatient discharge rate, 48.0, for Female Breast Cancer, and was followed by Washoe County and the All Other Counties region with rates of 47.5 and 36.0 (per 100,000 – 2000 US Standard female population), respectively.
- Total billed charges for hospital inpatient discharges from Breast Cancer in Nevada totaled nearly 40.2 million dollars from 1999 to 2003. Washoe County had the highest median total charge (\$15,675), however, Clark County had the highest average length of stay (2.4 days) during this time; once regional comparisons were made.
- The overall average billed charge per day for a Breast Cancer inpatient hospital discharge in Nevada was over \$7,183 from 1999 to 2003.

MORTALITY

- There were 1,292 female deaths in Nevada due to Breast Cancer from 1999 to 2003. Washoe County had a higher age-adjusted mortality rate for Female Breast Cancer (29.5) than statewide rate of (25.5), Clark County (25.3) and All Other Counties (21.8) (per 100,000 – 2000 US Standard female population) for this period.
- Racial/ethnic comparisons showed that Black and White females had higher age-adjusted mortality rates for Female Breast Cancer 34.4 and 26.6, respectively, when compared to Hispanics and Asians who had rates of 16.2 and 13.0 (per 100,000 – 2000 US Standard female population), respectively, from 1999 to 2003.

SURVIVAL RATE

- Asian females in Nevada had the highest one-year survival rate (96.1%) of any racial/ethnic group for Female Breast Cancer during the 1999 to 2003 period. They were followed by White, Hispanic and Black females with rates for Female Breast Cancer of 95.5%, 93.1% and 88.1%, respectively, during this period.
- The five-year survival rate for females diagnosed with Breast Cancer at the in situ stage was 97.7% for Nevada from 1999 to 2003. The rate for those at the localized stage was 93.3%, while those recorded at the regional, distant and unstaged stages had rates of 81.6%, 24.8% and 45.5%, respectively.

SCREENING (BRFSS)**Table 63. Female Breast Cancer Screening by County/Region of Residence, Education, Age Group, and Income, Nevada Residents, 1999-2003**

| Responses | Answers | | | | | | Total |
|----------------------------|---------|----------|--------------|--------|----------|-------------|-------|
| | Yes | | | No | | | |
| | Number | Percent* | 95% C.I. | Number | Percent* | 95% C.I. | |
| | | | | | | | |
| Total | | | | | | | |
| Responses | 3,522 | 93.4% | (92.1-94.6) | 207 | 6.6% | (5.4-7.9) | 3,729 |
| County/Region of Residence | | | | | | | |
| Clark County | 1,142 | 93.6% | (92.0-95.2) | 72 | 6.4% | (4.8-8.0) | 1,214 |
| Washoe County | 1,128 | 94.4% | (92.8-96.0) | 62 | 5.6% | (4.0-7.2) | 1,190 |
| All Other Counties | 1,252 | 91.4% | (88.5-94.2) | 73 | 8.6% | (5.8-11.5) | 1,325 |
| Education | | | | | | | |
| Less than High School | 365 | 91.3% | (87.6-94.9) | 31 | 8.7% | (5.1-12.4) | 396 |
| High School | 1,093 | 89.7% | (87.0-92.3) | 96 | 10.3% | (7.7-13.0) | 1,189 |
| Some Post High School | 1,192 | 95.2% | (93.5-96.8) | 62 | 4.8% | (3.2-6.5) | 1,254 |
| College Graduate | 865 | 97.4% | (95.4-99.3) | 18 | 2.6% | (0.7-4.6) | 883 |
| Age Group | | | | | | | |
| 18-24 years old | 269 | 73.9% | (67.1-80.7) | 76 | 26.1% | (19.3-32.9) | 345 |
| 25-34 years old | 604 | 89.8% | (86.3-93.2) | 53 | 10.2% | (6.8-13.7) | 657 |
| 35-44 years old | 801 | 95.8% | (94.0-97.6) | 34 | 4.2% | (2.4-6.0) | 835 |
| 45-54 years old | 696 | 98.6% | (97.7-99.6) | 11 | 1.4% | (0.4-2.3) | 707 |
| 55-64 years old | 460 | 98.5% | (96.9-100.0) | 8 | 1.5% | (0.0-3.1) | 468 |
| 65+ years old | 683 | 97.1% | (95.4-98.7) | 25 | 2.9% | (1.3-4.6) | 708 |
| Income | | | | | | | |
| Less than \$15,000 | 313 | 90.1% | (85.5-94.7) | 30 | 9.9% | (5.3-14.5) | 343 |
| \$15,000-\$24,999 | 585 | 89.5% | (86.0-93.0) | 58 | 10.5% | (7.0-14.0) | 643 |
| \$25,000-\$34,999 | 500 | 93.0% | (89.6-96.4) | 31 | 7.0% | (3.6-10.4) | 531 |
| \$35,000-\$49,999 | 641 | 93.8% | (91.0-96.6) | 28 | 6.2% | (3.4-9.0) | 669 |
| \$50,000 or More | 1,052 | 97.7% | (96.2-99.2) | 19 | 2.3% | (0.8-3.8) | 1,071 |

*Denominator includes persons age 18-65 excluding those who responded "do not know/not sure" or who refused to respond. 95% of the time, the "true point estimate" will fall between the lower and upper bounds of the 95% Confidence Interval.

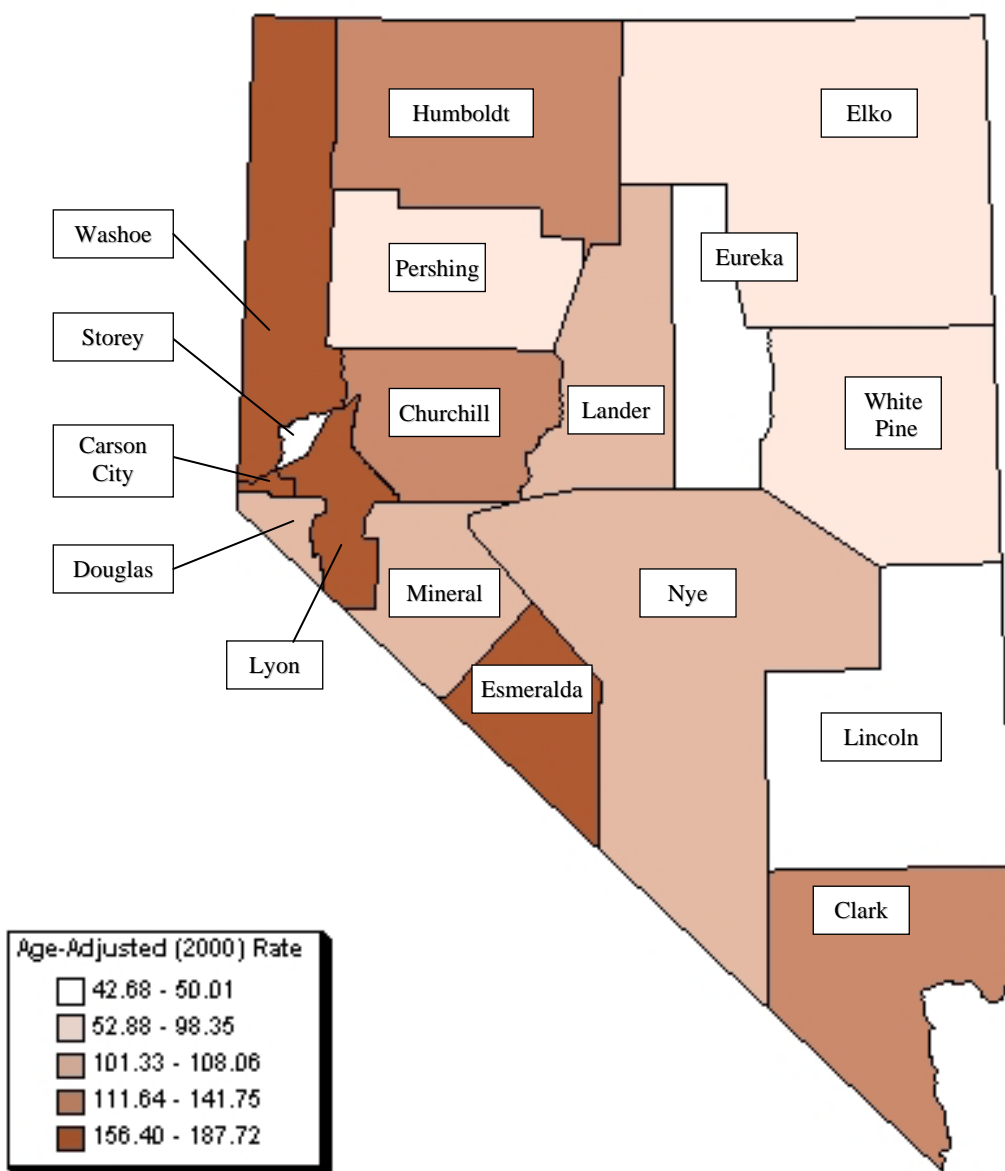
"N"= response numbers and "% "= Weighted prevalence rates

Note: This table includes those respondents who answered "Yes" or "No" to either of the following questions:

- 1) A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram?
- 2) A clinical breast exam is when a doctor, nurse, or other health professional feels the breast for lumps. Have you ever had a clinical breast exam?

INCIDENCE

Figure 50. Female Breast Cancer Age-Adjusted (2000) Incidence Rates, Nevada Residents, 1999-2003



Note: Rates are per 100,000 female population and age-adjusted to 2000 US Standard population. Caution should be used when interpreting rates based upon small numbers. See Technical Notes for more information.

Figure 51. Female Breast Cancer Age-Adjusted Incidence Rates by County/Region of Residence, Nevada Residents, 1999-2003

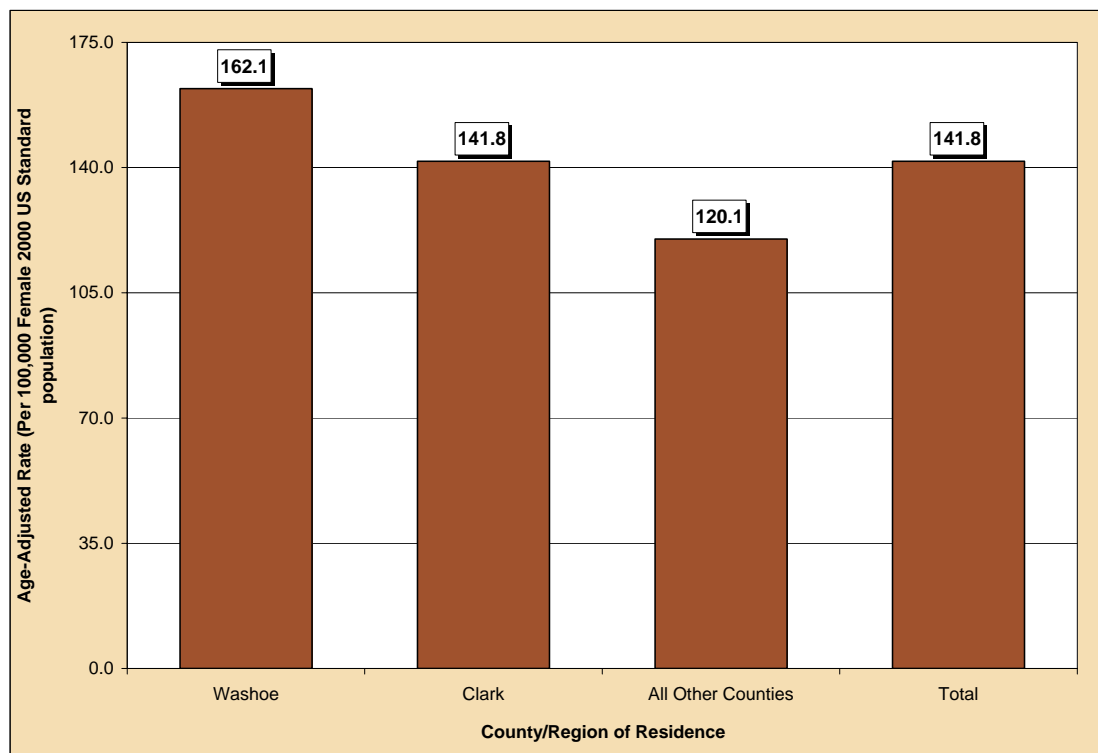


Figure 52. Female Breast Cancer Age-Adjusted Incidence Rates by Race/Ethnicity, Nevada Residents, 1999-2003

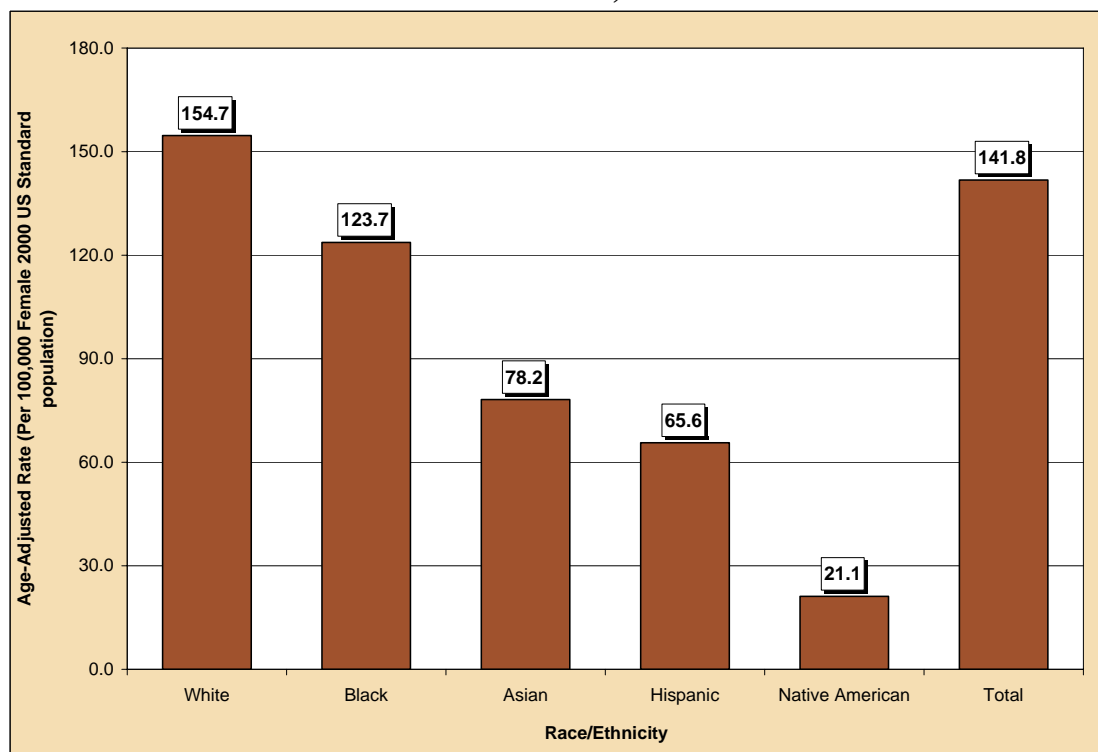


Table 64. Breast Cancer Cases by Gender, Race/Ethnicity and County/Region of Residence at Diagnosis, Nevada Residents (1999-2003) and SEER-13 (1998-2002)

| Category | County/Region of Residence | | | | | |
|-----------------------|----------------------------|---------------|---------------|--------------------|---------|---------------------|
| | Nevada Total | Clark | Washoe | All Other Counties | Unknown | SEER 13 (1998-2002) |
| Total | | | | | | |
| Cases | 7,498 | 5,104 | 1,407 | 987 | 0 | 131,832 |
| Rate* | 73.8 | 73.8 | 73.8 | 73.8 | --- | 73.3 |
| 95% C.I. | (72.2-75.6) | (72.2-75.6) | (72.2-75.6) | (72.2-75.6) | --- | (72.9-73.7) |
| Gender | | | | | | |
| Male | 81 | 81 | 81 | 81 | 0 | 875 |
| Rate* | 1.8 | 1.8 | 1.8 | 1.8 | --- | 1.2 |
| 95% C.I. | (1.4-2.3) | (1.4-2.3) | (1.4-2.3) | (1.4-2.3) | --- | (1.1-1.3) |
| Female | 7,417 | 7,417 | 7,417 | 7,417 | 0 | 128,757 |
| Rate* | 141.8 | 141.8 | 141.8 | 141.8 | --- | 135.2 |
| 95% C.I. | (138.5-145.1) | (138.5-145.1) | (138.5-145.1) | (138.5-145.1) | --- | (134.4-135.9) |
| Other/Unknown | 0 | 0 | 0 | 0 | 0 | 0 |
| Race/Ethnicity | | | | | | |
| White | 6,347 | 4,151 | 1,280 | 916 | 0 | 106,959 |
| Rate* | 154.7 | 154.7 | 154.7 | 154.7 | --- | 141.7 |
| 95% C.I. | (150.9-158.6) | (150.9-158.6) | (150.9-158.6) | (150.9-158.6) | --- | (140.8-142.5) |
| Black | 355 | 337 | 14 | 4 | 0 | 10,736 |
| Rate* | 123.7 | 123.7 | 123.7 | --- | --- | 119.9 |
| 95% C.I. | (110.8-138.0) | (110.8-138.0) | (110.8-138.0) | --- | --- | (117.7-122.3) |
| Native American | 14 | 3 | 6 | 5 | 0 | 556 |
| Rate* | 21.1 | --- | --- | --- | --- | 54.2 |
| 95% C.I. | (11.4-36.4) | --- | --- | --- | --- | (49.6-59.3) |
| Asian | 243 | 191 | 43 | 9 | 0 | 9,950 |
| Rate* | 78.2 | 78.2 | 78.2 | --- | --- | 96.8 |
| 95% C.I. | (67.6-91.5) | (67.6-91.5) | (67.6-91.5) | --- | --- | (94.9-98.7) |
| Hispanic | 331 | 266 | 38 | 27 | 0 | 9,496 |
| Rate* | 65.6 | 65.6 | 65.6 | 65.6 | --- | 88.3 |
| 95% C.I. | (58.0-74.6) | (58.0-74.6) | (58.0-74.6) | (58.0-74.6) | --- | (86.5-90.2) |
| Other/Unknown | 127 | 111 | 8 | 8 | 0 | 767 |

* Rates are per 100,000 population and age-adjusted to the 2000 US Standard population. Rates for race/ethnicity groups are per 100,000 female population and age-adjusted to the 2000 US Standard population.

Note: The "---" is used for rates calculated on numbers less than ten and SEER numbers less than five. Caution should be used when comparing rates for racial/ethnic groups to the national (SEER) rates. See Technical Notes for more information.

Table 65. Female Breast Cancer Cases by Age Group and County/Region of Residence at Diagnosis, Nevada Residents (1999-2003) and SEER-13 (1998-2002)

| Category | County/Region of Residence | | | | | |
|------------------|----------------------------|-----------------|-----------------|--------------------|---------|---------------------|
| | Nevada Total | Clark | Washoe | All Other Counties | Unknown | SEER 13 (1998-2002) |
| Total | | | | | | |
| Cases | 7,498 | 5,104 | 1,407 | 987 | 0 | 131,832 |
| Rate* | 141.8 | 141.8 | 162.1 | 120.1 | --- | 135.2 |
| 95% C.I. | (138.5-145.1) | (137.8-145.8) | (153.6-170.9) | (112.6-128.0) | --- | (134.4-135.9) |
| Age Group | | | | | | |
| <1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- | --- | 0.0 |
| 95% C.I. | --- | --- | --- | --- | --- | (0.0-0.4) |
| 1-4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- | --- | 0.0 |
| 95% C.I. | --- | --- | --- | --- | --- | (0.0-0.1) |
| 5-14 | 1 | 1 | 0 | 0 | 0 | 1 |
| Rate* | --- | --- | --- | --- | --- | 0.0 |
| 95% C.I. | --- | --- | --- | --- | --- | (0.0-0.1) |
| 15-24 | 8 | 5 | 2 | 1 | 0 | 70 |
| Rate* | --- | --- | --- | --- | --- | 0.8 |
| 95% C.I. | --- | --- | --- | --- | --- | (0.6-1.0) |
| 25-34 | 95 | 68 | 16 | 11 | 0 | 1,727 |
| Rate* | 12.7 | 12.4 | 13.0 | 14.5 | --- | 17.7 |
| 95% C.I. | (10.15-15.26) | (9.45-15.34) | (6.62-19.34) | (5.94-23.11) | --- | (16.8-18.5) |
| 35-44 | 727 | 521 | 129 | 77 | 0 | 10,004 |
| Rate* | 91.3 | 95.2 | 92.9 | 69.7 | --- | 91.3 |
| 95% C.I. | (84.63-97.90) | (87.04-103.39) | (76.84-108.89) | (54.15-85.30) | --- | (89.6-93.1) |
| 45-54 | 1,567 | 1,071 | 324 | 172 | 0 | 20,959 |
| Rate* | 223.6 | 227.9 | 261.0 | 161.2 | --- | 223.7 |
| 95% C.I. | (212.50-234.64) | (214.21-241.50) | (232.56-289.40) | (137.11-185.29) | --- | (220.7-226.7) |
| 55-64 | 1,904 | 1,309 | 332 | 263 | 0 | 21,066 |
| Rate* | 365.8 | 362.4 | 409.8 | 336.2 | --- | 363.7 |
| 95% C.I. | (349.39-382.26) | (342.76-382.03) | (365.68-453.84) | (295.53-376.79) | --- | (358.8-368.7) |
| 65-74 | 1,813 | 1,228 | 335 | 250 | 0 | 19,945 |
| Rate* | 520.3 | 513.7 | 626.5 | 446.9 | --- | 457.6 |
| 95% C.I. | (496.31-544.21) | (484.95-542.41) | (559.39-693.57) | (391.46-502.24) | --- | (451.2-464.0) |
| 75-84 | 1,037 | 695 | 187 | 155 | 0 | 16,343 |
| Rate* | 482.4 | 479.8 | 533.5 | 441.9 | --- | 488.3 |
| 95% C.I. | (453.01-511.73) | (444.15-515.49) | (457.00-609.92) | (372.30-511.43) | --- | (480.8-495.8) |
| 85+ | 265 | 161 | 64 | 40 | 0 | 5,582 |
| Rate* | 449.9 | 428.5 | 564.4 | 400.4 | --- | 401.4 |
| 95% C.I. | (395.76-504.10) | (362.35-494.74) | (426.15-702.72) | (276.31-524.48) | --- | (390.9-412.0) |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 |

*Rates are per 100,000 age-specific female population.

Note: The "---" is used for rates calculated on numbers less than ten and SEER numbers less than five. See Technical Notes for more information.

Table 66. Female Breast Cancer Cases by County of Residence at Diagnosis, Nevada Residents, 1999-2003

| County of Residence at Diagnosis | 1999-2003 Incidence | | | | |
|----------------------------------|---------------------|--------------|------------------------|---------------------|----------------------|
| | Cases | Rate* | | Age-Adjusted Rate** | |
| | | Rate | 95% C.I. | Rate | 95% C.I. |
| Carson City | 266 | 206.5 | (181.65-231.28) | 165.2 | (145.7-186.9) |
| Churchill | 83 | 135.4 | (106.29-164.55) | 132.9 | (105.8-165.1) |
| Clark | 5,059 | 140.5 | (136.63-144.38) | 141.8 | (137.8-145.8) |
| Douglas | 149 | 140.0 | (117.53-162.49) | 104.7 | (88.4-124.0) |
| Elko | 62 | 57.0 | (42.78-71.14) | 73.7 | (55.4-97.1) |
| Esmeralda | 6 | --- | --- | --- | --- |
| Eureka | 2 | --- | --- | --- | --- |
| Humboldt | 41 | 106.7 | (74.05-139.39) | 111.6 | (79.2-154.6) |
| Lander | 11 | 80.0 | (32.71-127.24) | 108.1 | (52.4-201.2) |
| Lincoln | 5 | --- | --- | --- | --- |
| Lyon | 171 | 186.5 | (158.56-214.47) | 156.4 | (133.7-182.4) |
| Mineral | 18 | 149.1 | (80.22-217.98) | 105.0 | (61.4-174.6) |
| Nye | 120 | 144.7 | (118.81-170.59) | 101.3 | (83.3-123.1) |
| Pershing | 14 | 104.0 | (49.51-158.44) | 98.4 | (53.5-167.1) |
| Storey | 6 | --- | --- | --- | --- |
| Washoe | 1,389 | 161.3 | (152.84-169.80) | 162.1 | (153.6-170.9) |
| White Pine | 15 | 75.7 | (37.39-114.01) | 52.9 | (29.3-89.5) |
| Unknown | 0 | --- | --- | --- | --- |
| Total | 7,417 | 143.7 | (140.38-146.92) | 141.8 | (138.5-145.1) |

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 female population. **Rates are per 100,000 female population and are age-adjusted to the 2000 US Standard population.

Table 67. Breast Cancer Cases by Race/Ethnicity and Gender, Nevada Residents, 1999-2003

| Race/Ethnicity | | Gender | | | |
|-----------------|-----------|-----------|---------------|---------------|-------------|
| | | Male | Female | Other/Unknown | Total |
| White | Incidence | 68 | 6,347 | 0 | 6,415 |
| | Rate* | 1.9 | 154.7 | --- | 79.7 |
| | 95% C.I. | (1.4-2.5) | (150.9-158.6) | --- | (77.7-81.7) |
| Black | Incidence | 9 | 355 | 0 | 364 |
| | Rate* | --- | 123.7 | --- | 67.2 |
| | 95% C.I. | --- | (110.8-138.0) | --- | (60.0-75.3) |
| Native American | Incidence | 0 | 14 | 0 | 14 |
| | Rate* | --- | 21.1 | --- | 11.0 |
| | 95% C.I. | --- | (11.4-36.4) | --- | (6.0-19.0) |
| Asian | Incidence | 2 | 243 | 0 | 245 |
| | Rate* | --- | 78.2 | --- | 45.6 |
| | 95% C.I. | --- | (67.6-91.5) | --- | (39.4-53.4) |
| Hispanic | Incidence | 2 | 331 | 0 | 333 |
| | Rate* | --- | 65.6 | --- | 33.9 |
| | 95% C.I. | --- | (58.0-74.6) | --- | (29.7-38.9) |
| Other/Unknown | | 0 | 127 | 0 | 127 |
| Total | Incidence | 81 | 7,417 | 0 | 7,498 |
| | Rate* | 1.8 | 141.8 | --- | 73.8 |
| | 95% C.I. | (1.4-2.3) | (138.5-145.1) | --- | (72.2-75.6) |

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 female population and are age-adjusted to the 2000 US Standard population.

Table 68. Breast Cancer Cases by Age Group and Gender, Nevada Residents, 1999-2003

| Age Group | Gender | | | |
|-----------|--------------|-----------------|---------|-----------------|
| | Male | Female | Unknown | Total |
| <1 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 1-4 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 5-14 | 0 | 1 | 0 | 1 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 15-24 | 0 | 8 | 0 | 8 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 25-34 | 1 | 95 | 0 | 96 |
| Rate* | --- | 12.71 | --- | 6.15 |
| 95% C.I. | --- | (10.15-15.26) | --- | (4.92-7.38) |
| 35-44 | 6 | 727 | 0 | 733 |
| Rate* | --- | 91.27 | --- | 44.29 |
| 95% C.I. | --- | (84.63-97.90) | --- | (41.08-47.50) |
| 45-54 | 9 | 1,567 | 0 | 1,576 |
| Rate* | --- | 223.57 | --- | 110.91 |
| 95% C.I. | --- | (212.50-234.64) | --- | (105.43-116.38) |
| 55-64 | 15 | 1,904 | 0 | 1,919 |
| Rate* | 2.95 | 365.83 | --- | 186.58 |
| 95% C.I. | (1.46-4.45) | (349.39-382.26) | --- | (178.24-194.93) |
| 65-74 | 24 | 1,813 | 0 | 1,837 |
| Rate* | 7.07 | 520.26 | --- | 267.07 |
| 95% C.I. | (4.24-9.90) | (496.31-544.21) | --- | (254.86-279.28) |
| 75-84 | 21 | 1,037 | 0 | 1,058 |
| Rate* | 11.85 | 482.37 | --- | 269.73 |
| 95% C.I. | (6.78-16.91) | (453.01-511.73) | --- | (253.48-285.99) |
| 85+ | 5 | 265 | 0 | 270 |
| Rate* | --- | 449.93 | --- | 306.88 |
| 95% C.I. | --- | (395.76-504.10) | --- | (270.27-343.49) |
| Unknown | 0 | 0 | 0 | 0 |
| Total | 81 | 7,417 | 0 | 7,498 |
| Rate* | 1.52 | 143.65 | --- | 71.43 |
| 95% C.I. | (1.19-1.85) | (140.38-146.92) | --- | (69.81-73.04) |

Note: The "---" is used for rates calculated on numbers less than ten.

* Rates are per 100,000 age-specific population.

Table 69. Breast Cancer Cases by Age Group and Stage, Nevada Residents, 1999-2003

| Age Group | | Stage | | | | | |
|-----------|---------|---------|-----------|----------|---------|----------|--------|
| | | In situ | Localized | Regional | Distant | Unstaged | Total |
| <1 | Number | 0 | 0 | 0 | 0 | 0 | 0 |
| | Percent | --- | --- | --- | --- | --- | --- |
| 1-4 | Number | 0 | 0 | 0 | 0 | 0 | 0 |
| | Percent | --- | --- | --- | --- | --- | --- |
| 5-14 | Number | 0 | 0 | 0 | 1 | 0 | 1 |
| | Percent | --- | --- | --- | 100.0% | --- | 100.0% |
| 15-24 | Number | 1 | 3 | 2 | 1 | 1 | 8 |
| | Percent | 12.5% | 37.5% | 25.0% | 12.5% | 12.5% | 100.0% |
| 25-34 | Number | 8 | 36 | 38 | 6 | 8 | 96 |
| | Percent | 8.3% | 37.5% | 39.6% | 6.3% | 8.3% | 100.0% |
| 35-44 | Number | 110 | 304 | 247 | 36 | 36 | 733 |
| | Percent | 15.0% | 41.5% | 33.7% | 4.9% | 4.9% | 100.0% |
| 45-54 | Number | 322 | 684 | 416 | 74 | 80 | 1,576 |
| | Percent | 20.4% | 43.4% | 26.4% | 4.7% | 5.1% | 100.0% |
| 55-64 | Number | 318 | 915 | 486 | 75 | 125 | 1,919 |
| | Percent | 16.6% | 47.7% | 25.3% | 3.9% | 6.5% | 100.0% |
| 65-74 | Number | 284 | 938 | 385 | 85 | 145 | 1,837 |
| | Percent | 15.5% | 51.1% | 21.0% | 4.6% | 7.9% | 100.0% |
| 75-84 | Number | 138 | 532 | 219 | 66 | 103 | 1,058 |
| | Percent | 13.0% | 50.3% | 20.7% | 6.2% | 9.7% | 100.0% |
| 85+ | Number | 17 | 124 | 55 | 14 | 60 | 270 |
| | Percent | 6.3% | 45.9% | 20.4% | 5.2% | 22.2% | 100.0% |
| Unknown | Number | 0 | 0 | 0 | 0 | 0 | 0 |
| | Percent | --- | --- | --- | --- | --- | --- |
| Total | Number | 1,198 | 3,536 | 1,848 | 358 | 558 | 7,498 |
| | Percent | 16.0% | 47.2% | 24.6% | 4.8% | 7.4% | 100.0% |

Table 70. Breast Cancer Cases by Stage and Race/Ethnicity, Nevada Residents, 1999-2003

| Stage | | Race/Ethnicity | | | | | |
|-----------|---------|----------------|--------|-----------------|--------|----------|---------------|
| | | White | Black | Native American | Asian | Hispanic | Other/Unknown |
| In situ | Number | 1,016 | 49 | 3 | 57 | 50 | 23 |
| | Percent | 15.8% | 13.5% | 21.4% | 23.3% | 15.0% | 18.1% |
| Localized | Number | 3,076 | 151 | 8 | 105 | 141 | 55 |
| | Percent | 48.0% | 41.5% | 57.1% | 42.9% | 42.3% | 43.3% |
| Regional | Number | 1,581 | 86 | 3 | 60 | 88 | 30 |
| | Percent | 24.6% | 23.6% | 21.4% | 24.5% | 26.4% | 23.6% |
| Distant | Number | 284 | 36 | 0 | 11 | 21 | 6 |
| | Percent | 4.4% | 9.9% | --- | 4.5% | 6.3% | 4.7% |
| Unstaged | Number | 458 | 42 | 0 | 12 | 33 | 13 |
| | Percent | 7.1% | 11.5% | --- | 4.9% | 9.9% | 10.2% |
| Total | Number | 6,415 | 364 | 14 | 245 | 333 | 127 |
| | Percent | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

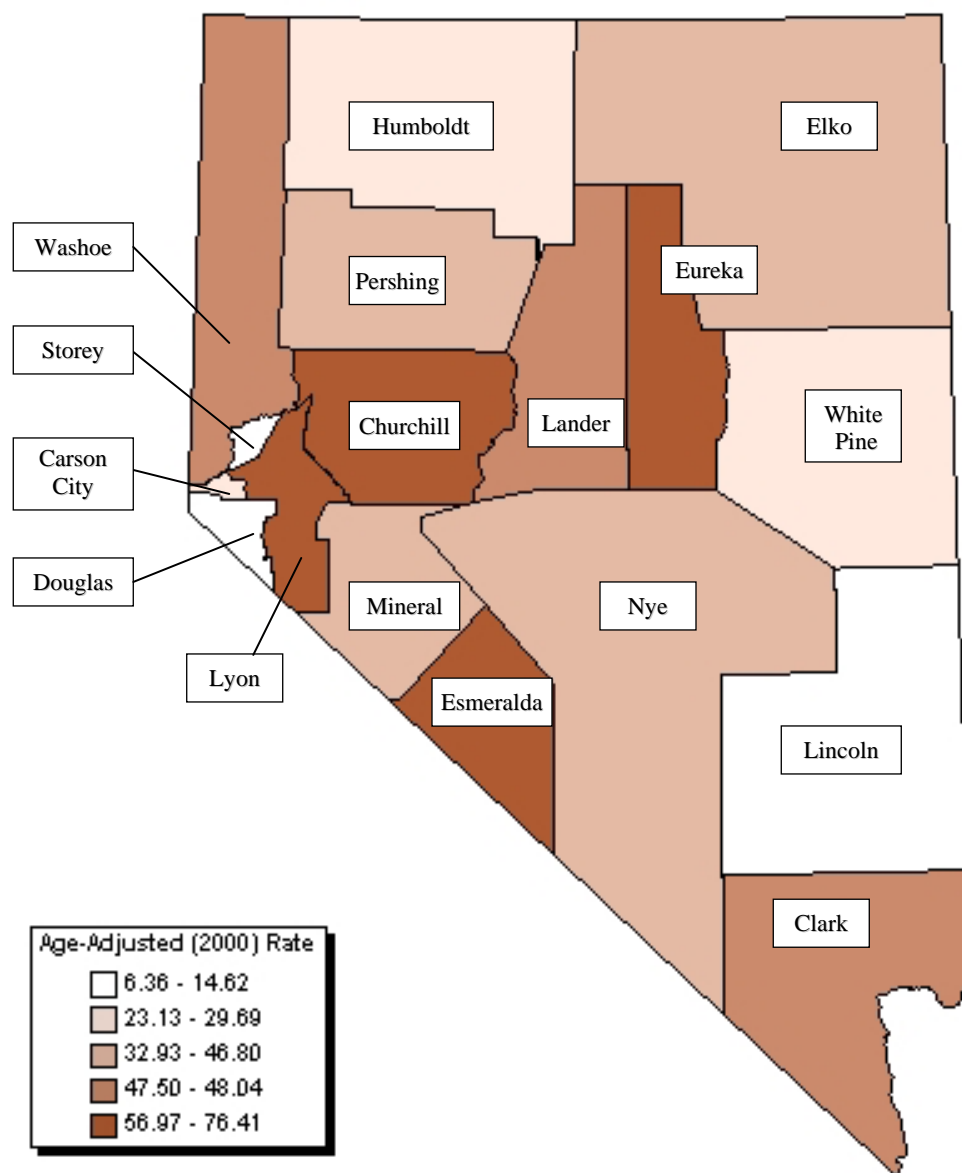
Table 71. Median Age at Diagnosis of Breast Cancer by Race/Ethnicity and Gender, Nevada Residents, 1999-2003

| Race/Ethnicity | Gender | | | | | |
|-----------------|--------|------------|--------|------------|-------|------------|
| | Male | | Female | | Total | |
| | Cases | Median Age | Cases | Median Age | Cases | Median Age |
| White | 68 | 69.0 | 6,347 | 62.0 | 6,415 | 62.0 |
| Black | 9 | 63.0 | 355 | 58.0 | 364 | 58.0 |
| Native American | --- | --- | 14 | 60.5 | 14 | 60.5 |
| Asian | 2 | --- | 243 | 55.0 | 245 | 55.0 |
| Hispanic | 2 | --- | 331 | 53.0 | 333 | 53.0 |
| Other/Unknown | --- | --- | 127 | 59.0 | 127 | 59.0 |
| Total | 81 | 68.0 | 7,417 | 61.0 | 7,498 | 61.0 |

Note: Those cases of other/unknown gender and/or unknown ages are not included in this table. The median age was not calculated for those numbers less than five.

INPATIENT HOSPITAL DISCHARGES

Figure 53. Female Breast Cancer Age-Adjusted (2000) Inpatient Discharge Rates, Nevada Residents, 1999-2003



Note: Rates are per 100,000 female population and age-adjusted to 2000 US Standard population. Caution should be used when interpreting rates based upon small numbers and comparing inpatient hospital discharge rates to other data sources, because it is occurrence based data. See Technical Notes for more information.

Figure 54. Female Breast Cancer Age-Adjusted Inpatient Discharge Rates by County/Region of Residence, Nevada Residents, 1999-2003

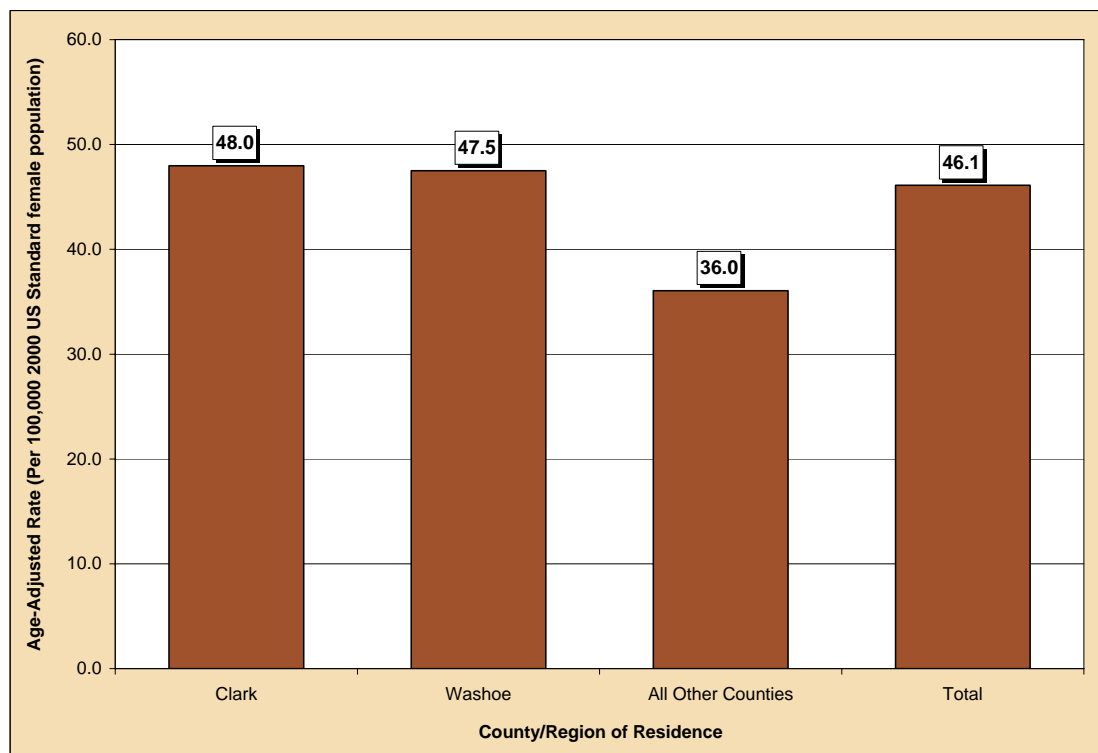


Figure 55. Median Charges for Breast Cancer Inpatient Discharges by County/Region of Residence, Nevada Residents, 1999-2003

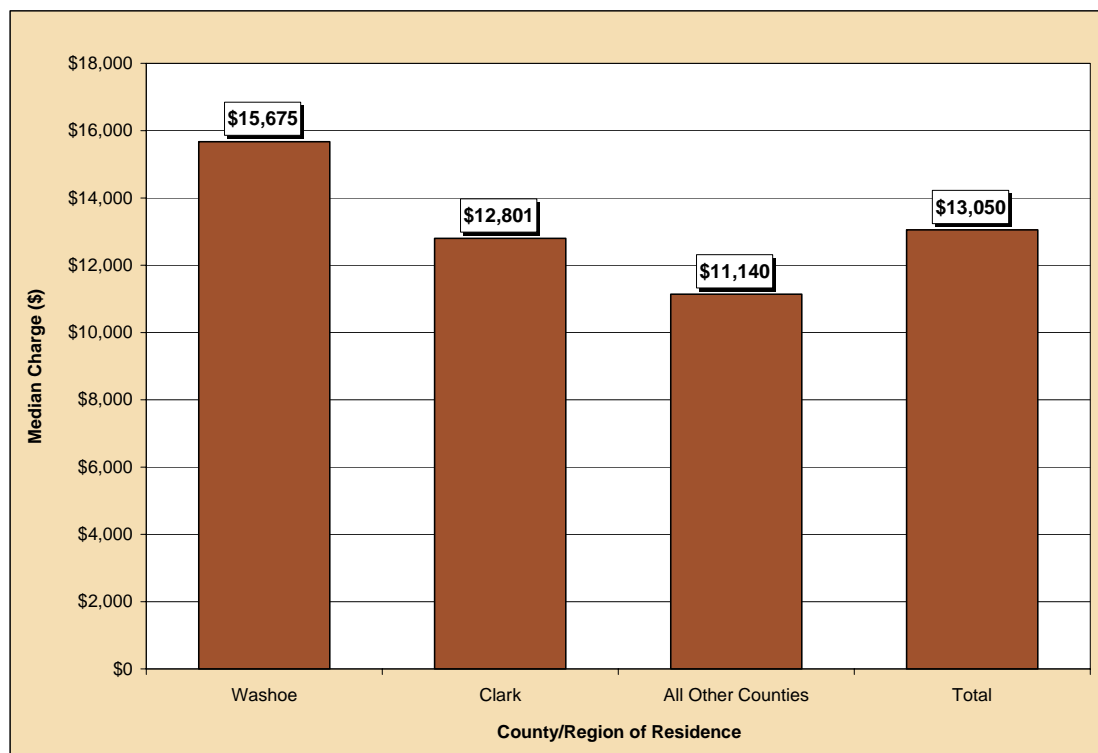


Figure 56. Average Length of Stay for Breast Cancer Inpatient Discharges by County/Region of Residence, Nevada Residents, 1999-2003

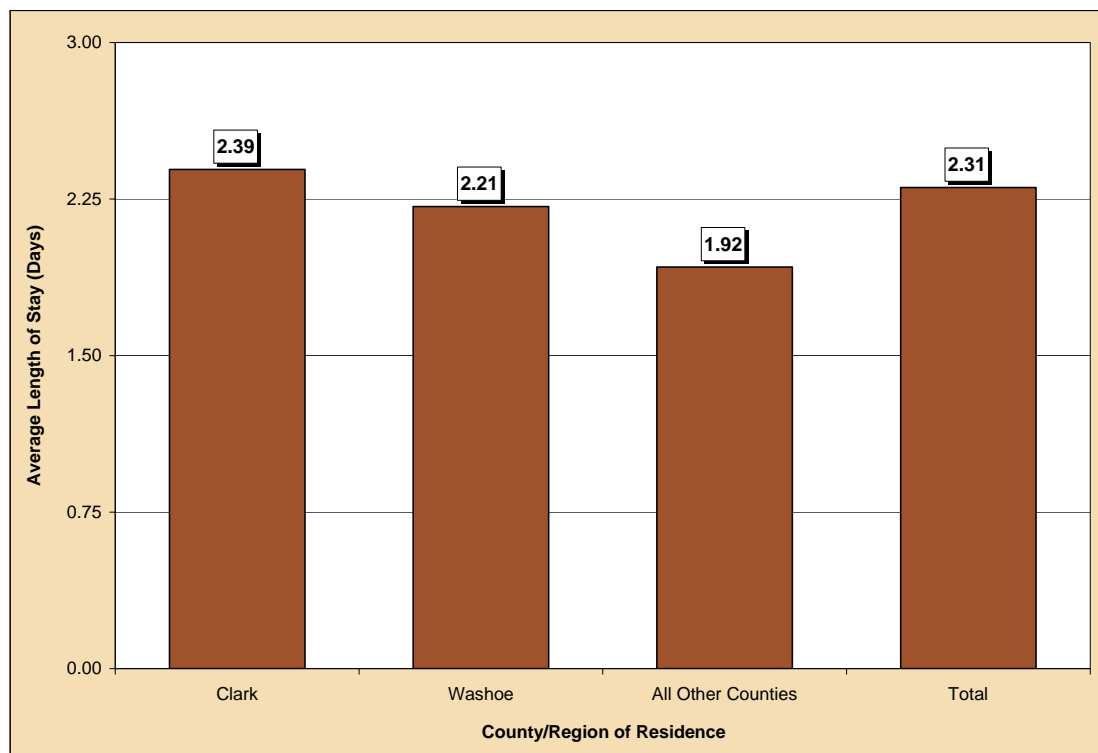


Table 72. Breast Cancer Inpatient Discharges by Gender, Charges, Length of Stay, and County/Region of Residence, Nevada Residents, 1999-2003

| Category | County/Region of Residence | | | | |
|--|----------------------------|--------------|-------------|--------------------|---------|
| | Nevada Total | Clark | Washoe | All Other Counties | Unknown |
| Total | | | | | |
| Discharges | 2,426 | 1,720 | 415 | 291 | 0 |
| Rate* | 24.0 | 24.9 | 25.4 | 18.5 | --- |
| 95% C.I. | (23.0-25.0) | (23.7-26.1) | (23.0-28.0) | (16.4-20.9) | --- |
| Gender | | | | | |
| Male | 22 | 11 | 9 | 2 | 0 |
| Rate* | 0.5 | 0.3 | --- | --- | --- |
| 95% C.I. | (0.3-0.9) | (0.2-0.6) | --- | --- | --- |
| Female | 2,404 | 1,709 | 406 | 289 | 0 |
| Rate* | 46.1 | 48.0 | 47.5 | 36.0 | --- |
| 95% C.I. | (44.3-48.0) | (45.7-50.3) | (43.0-52.4) | (32.0-40.5) | --- |
| Other/Unknown | 0 | 0 | 0 | 0 | 0 |
| Inpatient Discharge Charges (\$) | | | | | |
| Total Charges | \$40,174,888 | \$28,760,587 | \$7,634,314 | \$3,779,987 | \$0 |
| Average Charges | \$16,560 | \$16,721 | \$18,396 | \$12,990 | \$0 |
| Median Charges | \$13,050 | \$12,801 | \$15,675 | \$11,140 | \$0 |
| Discharge Length of Stay (LOS) (Days) | | | | | |
| Total LOS | 5,593 | 4,114 | 919 | 560 | 0 |
| Average LOS | 2.3 | 2.4 | 2.2 | 1.9 | 0.0 |
| Median LOS | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 |

* Rates are per 100,000 female population and are age-adjusted to the 2000 US Standard population.

Note: The "---" is used for rates calculated on numbers less than ten. Caution should be used when comparing inpatient hospital discharge data to other data sources, since it is occurrence-based data. Please See Technical Notes for more information.

Table 73. Female Breast Cancer Inpatient Discharges by Age Group and County/Region of Residence, Nevada Residents, 1999-2003

| Category | County/Region of Residence | | | |
|------------------|----------------------------|-----------------|-----------------|--------------------|
| | Nevada Total | Clark | Washoe | All Other Counties |
| Total | | | | |
| Discharges | 2,404 | 1,709 | 406 | 289 |
| Rate* | 46.6 | 47.5 | 47.2 | 41.2 |
| 95% C.I. | (44.70-48.42) | (45.21-49.71) | (42.57-51.74) | (36.45-45.95) |
| Age Group | | | | |
| <1 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 1-4 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 5-14 | 2 | 2 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 15-24 | 3 | 2 | 1 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 25-34 | 42 | 31 | 5 | 6 |
| Rate* | 5.6 | 5.7 | --- | --- |
| 95% C.I. | (3.92-7.32) | (3.66-7.64) | --- | --- |
| 35-44 | 260 | 196 | 43 | 21 |
| Rate* | 32.6 | 35.8 | 31.0 | 19.0 |
| 95% C.I. | (28.67-36.61) | (30.80-40.83) | (21.70-40.21) | (10.88-27.15) |
| 45-54 | 509 | 360 | 98 | 51 |
| Rate* | 72.6 | 76.6 | 78.9 | 47.8 |
| 95% C.I. | (66.31-78.93) | (68.68-84.50) | (63.31-94.57) | (34.68-60.92) |
| 55-64 | 586 | 434 | 88 | 64 |
| Rate* | 112.6 | 120.2 | 108.6 | 81.8 |
| 95% C.I. | (103.48-121.71) | (108.85-131.46) | (85.92-131.30) | (61.76-101.85) |
| 65-74 | 564 | 391 | 92 | 81 |
| Rate* | 161.9 | 163.6 | 172.1 | 144.8 |
| 95% C.I. | (148.49-175.20) | (147.35-179.77) | (136.89-207.21) | (113.25-176.31) |
| 75-84 | 345 | 236 | 54 | 55 |
| Rate* | 160.5 | 162.9 | 154.1 | 156.8 |
| 95% C.I. | (143.55-177.42) | (142.14-183.72) | (112.96-195.14) | (115.35-198.23) |
| 85+ | 93 | 57 | 25 | 11 |
| Rate* | 157.9 | 151.7 | 220.5 | 110.1 |
| 95% C.I. | (125.81-189.99) | (112.33-191.11) | (134.05-306.91) | (45.04-175.18) |
| Unknown | 0 | 0 | 0 | 0 |

* Rates are per 100,000 female age-specific population.

Note: The "----" is used for rates calculated on numbers less than ten. Caution should be used when comparing inpatient hospital discharge data to other data sources, since it is occurrence-based data. Please See Technical Notes for more information.

Table 74. Breast Cancer Inpatient Discharges by Age Group and Gender, Nevada Residents, 1999-2003

| Age Group | Gender | | |
|-----------|-------------|-----------------|----------------|
| | Male | Female | Total |
| <1 | 0 | 0 | 0 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 1-4 | 0 | 0 | 0 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 5-14 | 0 | 2 | 2 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 15-24 | 0 | 3 | 3 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 25-34 | 1 | 42 | 43 |
| Rate* | --- | 5.62 | 2.76 |
| 95% C.I. | --- | (3.92-7.32) | (1.93-3.58) |
| 35-44 | 3 | 260 | 263 |
| Rate* | --- | 32.64 | 15.89 |
| 95% C.I. | --- | (28.67-36.61) | (13.97-17.81) |
| 45-54 | 4 | 509 | 513 |
| Rate* | --- | 72.62 | 36.10 |
| 95% C.I. | --- | (66.31-78.93) | (32.98-39.23) |
| 55-64 | 1 | 586 | 587 |
| Rate* | --- | 112.59 | 57.07 |
| 95% C.I. | --- | (103.48-121.71) | (52.46-61.69) |
| 65-74 | 5 | 564 | 569 |
| Rate* | --- | 161.85 | 82.72 |
| 95% C.I. | --- | (148.49-175.20) | (75.93-89.52) |
| 75-84 | 6 | 345 | 351 |
| Rate* | --- | 160.48 | 89.49 |
| 95% C.I. | --- | (143.55-177.42) | (80.12-98.85) |
| 85+ | 2 | 93 | 95 |
| Rate* | --- | 157.90 | 107.98 |
| 95% C.I. | --- | (125.81-189.99) | (86.26-129.69) |
| Unknown | 0 | 0 | 0 |
| Total | 22 | 2,404 | 2,426 |
| Rate* | 0.41 | 46.56 | 23.11 |
| 95% C.I. | (0.24-0.58) | (44.70-48.42) | (22.19-24.03) |

* Rates are per 100,000 female age-specific population.

Note: The "---" is used for rates calculated on numbers less than ten. Caution should be used when comparing inpatient hospital discharge data to other data sources, since it is occurrence-based data. Please See Technical Notes for more information.

Table 75. Female Breast Cancer Inpatient Discharges by County/Region of Residence, Nevada Residents, 1999-2003

| County of Residence | 1999-2003 Inpatient Hospital Discharges | | | | |
|---------------------|---|-------------|----------------------|---------------------|--------------------|
| | Cases | Rate* | | Age-Adjusted Rate** | |
| | | Rate | 95% C.I. | Rate | 95% C.I. |
| Carson City | 40 | 31.0 | (21.43-40.67) | 24.6 | (17.5-34.0) |
| Churchill | 44 | 71.8 | (50.58-93.00) | 70.3 | (51.0-94.7) |
| Clark | 1,709 | 47.5 | (45.21-49.71) | 48.0 | (45.7-50.3) |
| Douglas | 20 | 18.8 | (10.56-27.03) | 13.9 | (8.5-21.9) |
| Elko | 26 | 23.9 | (14.70-33.07) | 32.9 | (20.9-50.5) |
| Esmeralda | 2 | --- | --- | --- | --- |
| Eureka | 3 | --- | --- | --- | --- |
| Humboldt | 10 | 26.0 | (9.90-42.16) | 29.7 | (13.9-57.2) |
| Lander | 5 | --- | --- | --- | --- |
| Lincoln | 2 | --- | --- | --- | --- |
| Lyon | 65 | 70.9 | (53.66-88.13) | 60.3 | (46.4-77.5) |
| Mineral | 9 | --- | --- | --- | --- |
| Nye | 51 | 61.5 | (44.62-78.37) | 42.1 | (31.1-57.0) |
| Pershing | 5 | --- | --- | --- | --- |
| Storey | 1 | --- | --- | --- | --- |
| Washoe | 406 | 47.2 | (42.57-51.74) | 47.5 | (43.0-52.4) |
| White Pine | 6 | --- | --- | --- | --- |
| Unknown | 0 | --- | --- | --- | --- |
| Total | 2,404 | 46.6 | (44.70-48.42) | 46.1 | (44.3-48.0) |

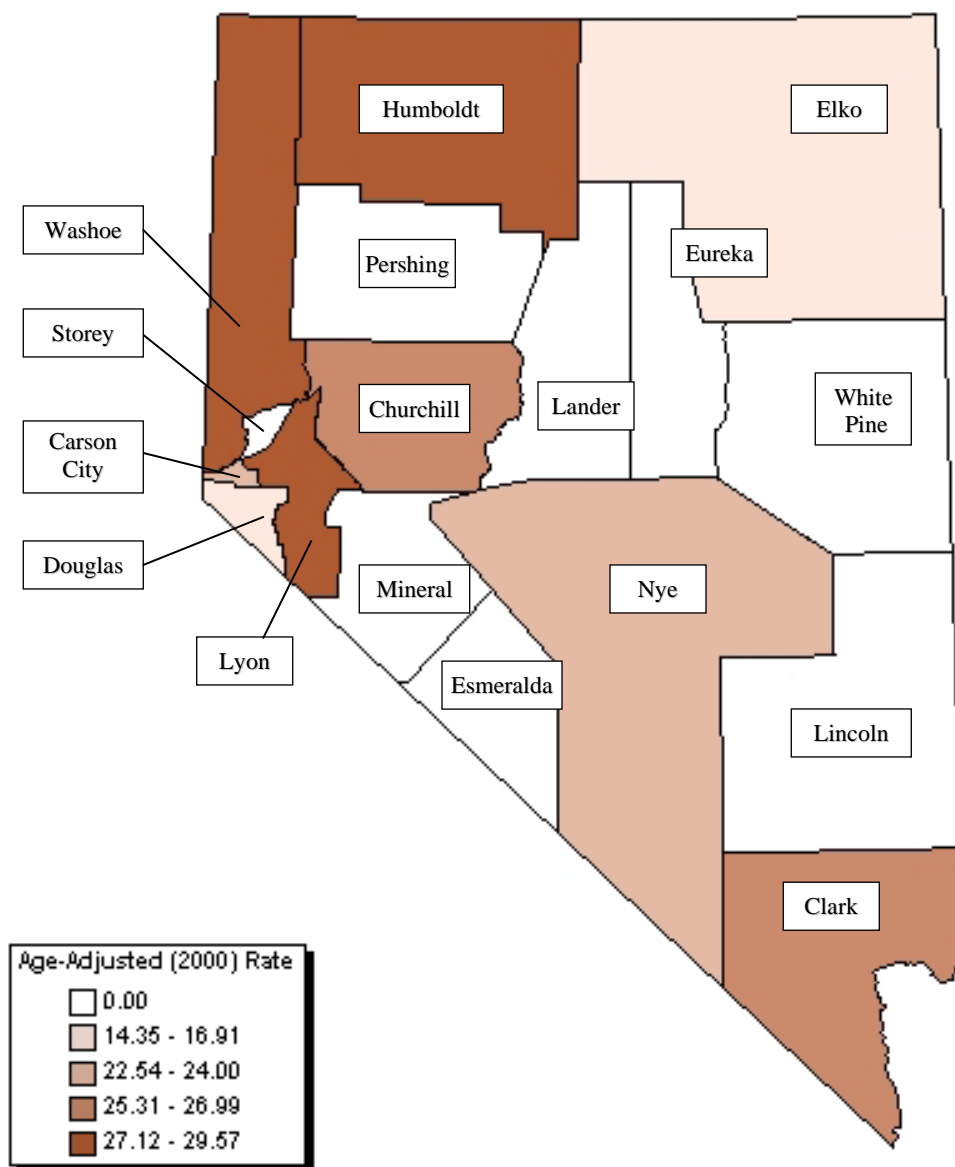
Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 female population. **Rates are per 100,000 female population and are age-adjusted to the 2000 US Standard population.

Table 76. Breast Cancer Inpatient Discharges by Age Group, Charges and Length of Stay, Nevada Residents, 1999-2003

| Age Group | Discharges | Charges (\$) | | | Length of Stay (Days) | | |
|--------------|--------------|-------------------|---------------|---------------|-----------------------|------------|------------|
| | | Total | Average | Median | Total | Average | Median |
| <1 | 0 | --- | --- | --- | --- | --- | --- |
| 1-4 | 0 | --- | --- | --- | --- | --- | --- |
| 5-14 | 2 | --- | --- | --- | --- | --- | --- |
| 15-24 | 3 | --- | --- | --- | --- | --- | --- |
| 25-34 | 43 | 869,353 | 20,218 | 14,406 | 110 | 2.6 | 2.0 |
| 35-44 | 263 | 5,280,308 | 20,077 | 15,590 | 764 | 2.9 | 2.0 |
| 45-54 | 513 | 9,214,046 | 17,961 | 14,574 | 1,245 | 2.4 | 2.0 |
| 55-64 | 587 | 9,319,872 | 15,877 | 13,139 | 1,284 | 2.2 | 1.0 |
| 65-74 | 569 | 8,615,214 | 15,141 | 12,108 | 1,097 | 1.9 | 1.0 |
| 75-84 | 351 | 5,103,694 | 14,540 | 11,440 | 764 | 2.2 | 1.0 |
| 85+ | 95 | 1,701,779 | 17,913 | 11,012 | 321 | 3.4 | 1.0 |
| Unknown | 0 | --- | --- | --- | --- | --- | --- |
| Total | 2,426 | 40,174,888 | 16,560 | 13,050 | 5,593 | 2.3 | 1.0 |

MORTALITY

Figure 57. Female Breast Cancer Age-Adjusted (2000) Mortality Rates, Nevada Residents, 1999-2003



Note: Rates are per 100,000 female population and age-adjusted to 2000 US Standard population. Caution should be used when interpreting rates based upon small numbers. See Technical Notes for more information.

Figure 58. Female Breast Cancer Age-Adjusted Mortality Rates by County/Region of Residence, Nevada Residents, 1999-2003

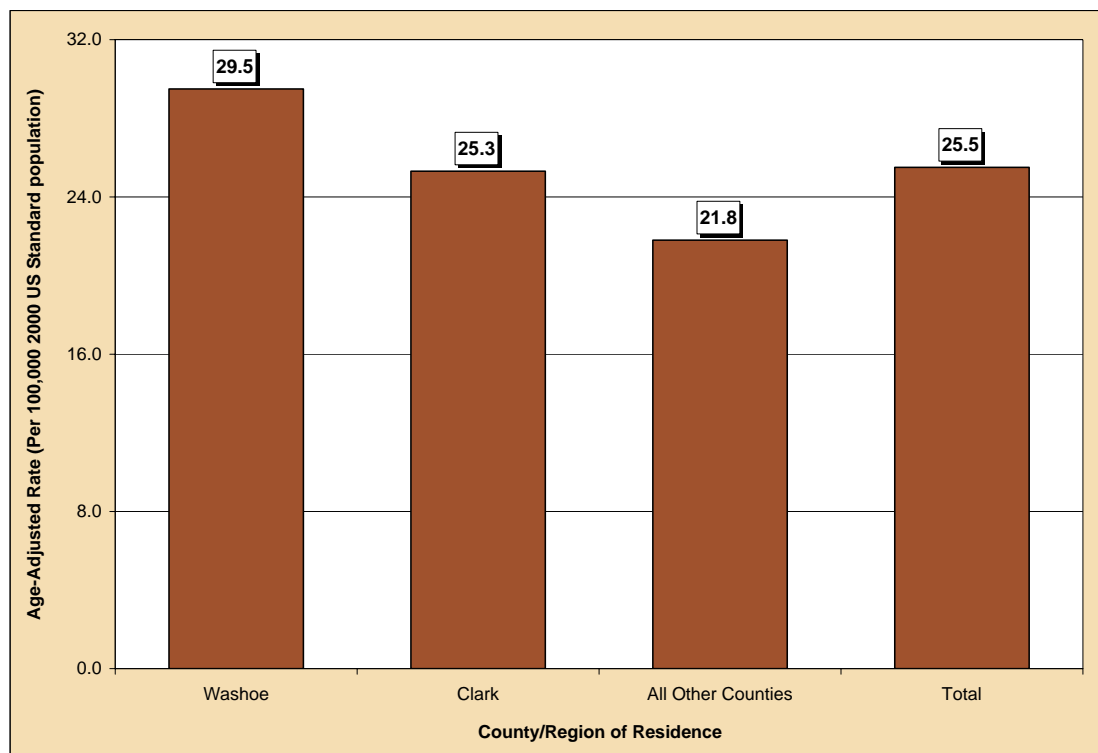


Figure 59. Female Breast Cancer Age-Adjusted Mortality Rates by Race/Ethnicity, Nevada Residents, 1999-2003

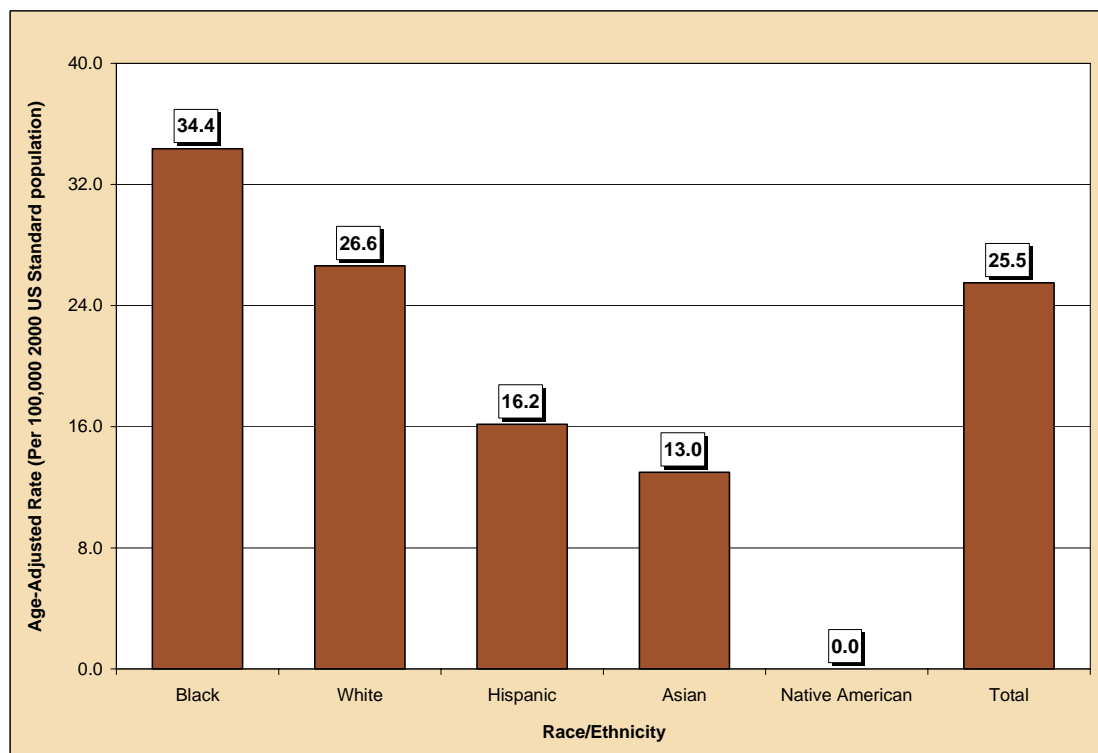


Table 77. Breast Cancer Mortality by Gender, Race/Ethnicity and County/Region of Residence, Nevada Residents, 1999-2003

| Category | County/Region of Residence | | | |
|-----------------------|----------------------------|-------------|-------------|--------------------|
| | Nevada Total | Clark | Washoe | All Other Counties |
| Total | | | | |
| Mortality | 1,306 | 882 | 247 | 177 |
| Rate* | 13.8 | 13.7 | 16.1 | 11.5 |
| 95% C.I. | (13.0-14.5) | (12.8-14.7) | (14.1-18.3) | (9.8-13.4) |
| Gender | | | | |
| Male | --- | --- | --- | --- |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| Female | 1,292 | 1,292 | 1,292 | 1,292 |
| Rate* | 25.5 | 25.3 | 29.5 | 21.8 |
| 95% C.I. | (24.1-26.9) | (23.6-27.1) | (25.9-33.5) | (18.7-25.3) |
| Other/Unknown | 0 | 0 | 0 | 0 |
| Race/Ethnicity | | | | |
| White | 1,088 | 698 | 227 | 163 |
| Rate* | 26.6 | 26.4 | 31.4 | 22.3 |
| 95% C.I. | (25.1-28.3) | (24.5-28.5) | (27.4-35.8) | (19.0-26.1) |
| Black | 92 | 86 | 4 | 2 |
| Rate* | 34.4 | 34.6 | --- | --- |
| 95% C.I. | (27.5-42.8) | (27.4-43.5) | --- | --- |
| Native American | 9 | 4 | 0 | 5 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| Asian | 35 | 30 | 4 | 1 |
| Rate* | 13.0 | 13.6 | --- | --- |
| 95% C.I. | (9.2-18.2) | (9.5-19.3) | --- | --- |
| Hispanic | 68 | 53 | 11 | 4 |
| Rate* | 16.2 | 15.6 | 18.5 | --- |
| 95% C.I. | (12.1-21.7) | (11.2-22.0) | (8.7-36.9) | --- |
| Other/Unknown | 0 | 0 | 0 | 0 |

* Rates are per 100,000 population and age-adjusted to the 2000 US Standard population. Rates for race/ethnicity groups are per 100,000 female population and age-adjusted to the 2000 US Standard population.

Note: The "---" is used for rates calculated on numbers less than ten.

Table 78. Female Breast Cancer Mortality by Age Group and County/Region of Residence, Nevada Residents, 1999-2003

| Category | County/Region of Residence | | | |
|------------------|----------------------------|-----------------|-----------------|--------------------|
| | Nevada Total | Clark | Washoe | All Other Counties |
| Total | | | | |
| Deaths | 1,292 | 871 | 246 | 175 |
| Rate* | 25.5 | 25.3 | 29.5 | 21.8 |
| 95% C.I. | (24.1-26.9) | (23.6-27.1) | (25.9-33.5) | (18.7-25.3) |
| Age Group | | | | |
| <1 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 1-4 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 5-14 | 0 | 0 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 15-24 | 1 | 1 | 0 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 25-34 | 9 | 8 | 1 | 0 |
| Rate* | --- | --- | --- | --- |
| 95% C.I. | --- | --- | --- | --- |
| 35-44 | 79 | 58 | 14 | 7 |
| Rate* | 9.9 | 10.6 | 10.1 | --- |
| 95% C.I. | (7.73-12.10) | (7.87-13.33) | (4.80-15.36) | --- |
| 45-54 | 209 | 138 | 46 | 25 |
| Rate* | 29.8 | 29.4 | 37.1 | 23.4 |
| 95% C.I. | (25.78-33.86) | (24.46-34.26) | (26.35-47.76) | (14.25-32.61) |
| 55-64 | 293 | 197 | 49 | 47 |
| Rate* | 56.3 | 54.5 | 60.5 | 60.1 |
| 95% C.I. | (49.85-62.74) | (46.92-62.16) | (43.54-77.41) | (42.90-77.25) |
| 65-74 | 294 | 203 | 51 | 40 |
| Rate* | 84.4 | 84.9 | 95.4 | 71.5 |
| 95% C.I. | (74.72-94.01) | (73.23-96.60) | (69.20-121.55) | (49.34-93.65) |
| 75-84 | 277 | 188 | 51 | 38 |
| Rate* | 128.9 | 129.8 | 145.5 | 108.3 |
| 95% C.I. | (113.68-144.02) | (111.24-148.35) | (105.56-185.42) | (73.88-142.77) |
| 85+ | 130 | 78 | 34 | 18 |
| Rate* | 220.7 | 207.6 | 299.9 | 180.2 |
| 95% C.I. | (182.78-258.66) | (161.54-253.69) | (199.06-400.65) | (96.94-263.42) |
| Unknown | 1 | 1 | 0 | 0 |

* Rates are per 100,000 female age-specific population.

Note: The "---" is used for rates calculated on numbers less than ten.

Table 79. Female Breast Cancer Mortality by County of Residence, Nevada Residents, 1999-2003

| County of Residence at Diagnosis | 1999-2003 Mortality | | | | |
|----------------------------------|---------------------|-------|---------------|---------------------|-------------|
| | Cases | Rate* | | Age-Adjusted Rate** | |
| | | Rate | 95% C.I. | Rate | 95% C.I. |
| Carson City | 37 | 28.7 | (19.46-37.97) | 22.5 | (15.8-31.5) |
| Churchill | 17 | 27.7 | (14.55-40.92) | 27.0 | (15.7-43.6) |
| Clark | 871 | 24.2 | (22.58-25.80) | 25.3 | (23.6-27.1) |
| Douglas | 21 | 19.7 | (11.29-28.17) | 14.3 | (8.9-22.1) |
| Elko | 12 | 11.0 | (4.79-17.26) | 16.9 | (8.4-31.4) |
| Esmeralda | 1 | --- | --- | --- | --- |
| Eureka | 0 | --- | --- | --- | --- |
| Humboldt | 11 | 28.6 | (11.71-45.55) | 29.6 | (14.4-56.0) |
| Lander | 5 | --- | --- | --- | --- |
| Lincoln | 1 | --- | --- | --- | --- |
| Lyon | 29 | 31.6 | (20.12-43.14) | 27.1 | (18.1-39.3) |
| Mineral | 5 | --- | --- | --- | --- |
| Nye | 26 | 31.4 | (19.30-43.40) | 24.0 | (15.2-36.9) |
| Pershing | 1 | --- | --- | --- | --- |
| Storey | 1 | --- | --- | --- | --- |
| Washoe | 246 | 28.6 | (25.00-32.14) | 29.5 | (25.9-33.5) |
| White Pine | 8 | --- | --- | --- | --- |
| Unknown | 0 | --- | --- | --- | --- |
| Total | 1,292 | 25.0 | (23.66-26.39) | 25.5 | (24.1-26.9) |

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 female population. **Rates are per 100,000 female population and are age-adjusted to the 2000 US Standard population.

Table 80. Breast Cancer Mortality by Race/Ethnicity and Gender, Nevada Residents, 1999-2003

| Race/Ethnicity | | Gender | | | |
|-----------------|-----------|-----------|-------------|---------------|-------------|
| | | Male | Female | Other/Unknown | Total |
| White | Incidence | 9 | 1,088 | 0 | 1,097 |
| | Rate* | --- | 26.6 | --- | 14.2 |
| | 95% C.I. | --- | (25.1-28.3) | --- | (13.3-15.1) |
| Black | Incidence | 5 | 92 | 0 | 97 |
| | Rate* | --- | 34.4 | --- | 19.8 |
| | 95% C.I. | --- | (27.5-42.8) | --- | (15.7-24.9) |
| Native American | Incidence | 0 | 9 | 0 | 9 |
| | Rate* | --- | --- | --- | --- |
| | 95% C.I. | --- | --- | --- | --- |
| Asian | Incidence | 0 | 35 | 0 | 35 |
| | Rate* | --- | 13.0 | --- | 7.6 |
| | 95% C.I. | --- | (9.2-18.2) | --- | (5.4-10.6) |
| Hispanic | Incidence | 0 | 68 | 0 | 68 |
| | Rate* | --- | 16.2 | --- | 8.7 |
| | 95% C.I. | --- | (12.1-21.7) | --- | (6.3-12.0) |
| Other/Unknown | | 0 | 0 | 0 | 0 |
| Total | Incidence | 14 | 1,292 | 0 | 1,306 |
| | Rate* | 0.3 | 25.5 | --- | 13.8 |
| | 95% C.I. | (0.2-0.6) | (24.1-26.9) | --- | (13.0-14.5) |

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Table 81. Breast Cancer Mortality by Age Group and Gender, Nevada Residents, 1999-2003

| Age Group | Gender | | |
|-----------|-------------|-----------------|-----------------|
| | Male | Female | Total |
| <1 | 0 | 0 | 0 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 1-4 | 0 | 0 | 0 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 5-14 | 0 | 0 | 0 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 15-24 | 0 | 1 | 1 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 25-34 | 0 | 9 | 9 |
| Rate* | --- | --- | --- |
| 95% C.I. | --- | --- | --- |
| 35-44 | 0 | 79 | 79 |
| Rate* | --- | 9.92 | 4.77 |
| 95% C.I. | --- | (7.73-12.10) | (3.72-5.83) |
| 45-54 | 2 | 209 | 211 |
| Rate* | --- | 29.82 | 14.85 |
| 95% C.I. | --- | (25.78-33.86) | (12.85-16.85) |
| 55-64 | 5 | 293 | 298 |
| Rate* | --- | 56.30 | 28.97 |
| 95% C.I. | --- | (49.85-62.74) | (25.68-32.26) |
| 65-74 | 5 | 294 | 299 |
| Rate* | --- | 84.37 | 43.47 |
| 95% C.I. | --- | (74.72-94.01) | (38.54-48.40) |
| 75-84 | 1 | 277 | 278 |
| Rate* | --- | 128.85 | 70.87 |
| 95% C.I. | --- | (113.68-144.02) | (62.54-79.21) |
| 85+ | 1 | 130 | 131 |
| Rate* | --- | 220.72 | 148.89 |
| 95% C.I. | --- | (182.78-258.66) | (123.40-174.39) |
| Unknown | 0 | 0 | 0 |
| Total | 14 | 1,292 | 1,306 |
| Rate* | 0.26 | 25.02 | 12.44 |
| 95% C.I. | (0.12-0.40) | (23.66-26.39) | (11.77-13.12) |

Note: The "---" is used for rates calculated on numbers less than ten.

* Rates are per 100,000 age-specific population.

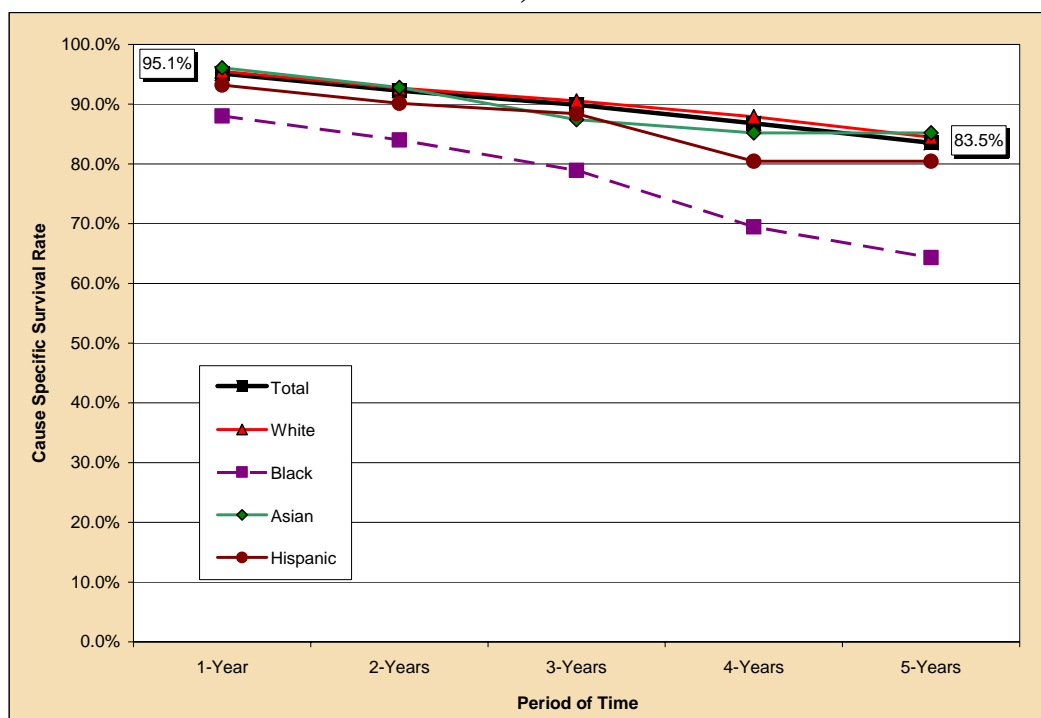
Table 82. Median Age at Death from Breast Cancer by Race/Ethnicity and Gender, Nevada Residents, 1999-2003

| Race/Ethnicity | Gender | | | | | |
|-----------------|--------|------------|--------|------------|-------|------------|
| | Male | | Female | | Total | |
| | Cases | Median Age | Cases | Median Age | Cases | Median Age |
| | | | | | | |
| White | 9 | 64.0 | 1,088 | 68.0 | 1,097 | 68.0 |
| Black | 5 | 68.0 | 92 | 61.5 | 97 | 62.0 |
| Native American | 0 | --- | 9 | 60.0 | 9 | 60.0 |
| Asian | 0 | --- | 35 | 57.0 | 35 | 57.0 |
| Hispanic | 0 | --- | 68 | 57.5 | 68 | 57.5 |
| Other/Unknown | 0 | --- | 0 | --- | 0 | --- |
| Total | 14 | 65.5 | 1,292 | 67.0 | 1,306 | 67.0 |

Note: Those cases of other/unknown gender and/or unknown ages are not included in this table. The median age was not calculated for those numbers less than five.

SURVIVAL RATE

Figure 60. Survival Rates for Breast Cancer by Race/Ethnicity, Nevada Residents, 1999-2003



Notes: The survival rate for those racial/ethnic groups not included in this chart could not be calculated due to small cell size.

Figure 61. Survival Rates for Breast Cancer by Stage of Cancer at Diagnosis, Nevada Residents, 1999-2003

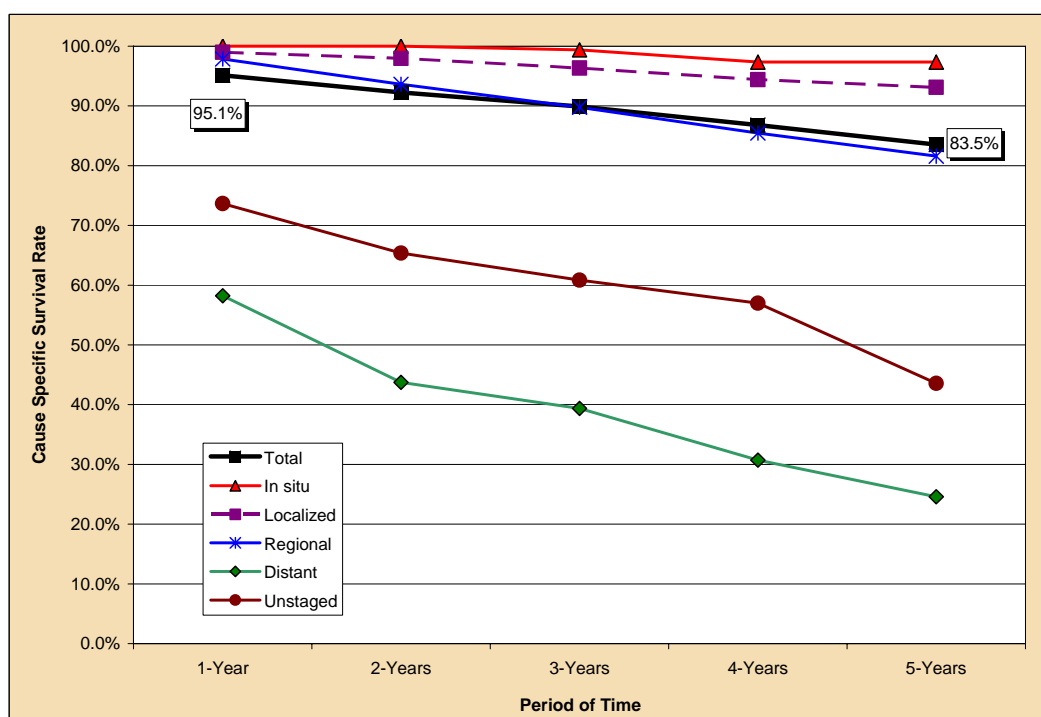


Table 83. Cause-Specific Survival Rates for Breast Cancer by Race/Ethnicity and Gender, Nevada Residents, 1999-2003

| Race/ Ethnicity and Gender | Number of Cases | Cause Specific Survival Rate | | | | | Median Survival Time (years) |
|----------------------------------|--------------------|------------------------------|--------------|----------------|---------------|---------------|------------------------------------|
| | | One Year | Two Years | Three Years | Four Years | Five Years | |
| Total | 6,505 | 95.1% | 92.2% | 89.9% | 86.8% | 83.5% | > 5 YEARS |
| Male | 63 | 90.8% | 88.3% | 81.4% | 68.9% | 49.2% | 4.96 |
| Female | 6,442 | 95.1% | 92.3% | 90.0% | 87.0% | 83.9% | > 5 YEARS |
| Race/Ethnicity | | | | | | | |
| White | 5,542 | 95.5% | 92.7% | 90.5% | 87.9% | 84.5% | > 5 YEARS |
| Male | 51 | 90.9% | 87.8% | 87.8% | 79.8% | 57.0% | > 5 YEARS |
| Female | 5,491 | 95.5% | 92.7% | 90.6% | 88.0% | 84.7% | > 5 YEARS |
| Black | 313 | 88.0% | 84.0% | 78.9% | 69.5% | 64.3% | > 5 YEARS |
| Male | 8 | --- | --- | --- | --- | --- | . |
| Female | 305 | 88.1% | 84.0% | 80.1% | 71.6% | 66.3% | > 5 YEARS |
| Native American | 13 | --- | --- | --- | --- | --- | . |
| Male | 0 | --- | --- | --- | --- | --- | --- |
| Female | 13 | --- | --- | --- | --- | --- | . |
| Asian | 228 | 96.1% | 92.8% | 87.4% | 85.2% | 85.2% | > 5 YEARS |
| Male | 2 | --- | --- | --- | --- | --- | . |
| Female | 226 | 96.1% | 92.7% | 87.3% | 85.1% | 85.1% | > 5 YEARS |
| Hispanic | 294 | 93.2% | 90.1% | 88.4% | 80.4% | 80.4% | > 5 YEARS |
| Male | 2 | --- | --- | --- | --- | --- | . |
| Female | 292 | 93.1% | 90.1% | 88.3% | 80.4% | 80.4% | > 5 YEARS |

Notes: 1) The "---" indicates that survival rate could not be calculated due to small cell size. Caution should be used when interpreting survival rates based upon categories with a small number of cases. 2) Those cases where the gender and/or race/ethnicity were other/unknown, are not shown separately, but are included in the category totals. 3) These rates may not be directly comparable to national rates because of different methodologies. Caution should be used when trying to compare rates for Nevada and the nation. For more information on the calculation of survival rates, please refer to Technical Notes section.

Table 84. Cause-Specific Survival Rates for Breast Cancer by Stage of Cancer at Diagnosis and Gender, Nevada Residents, 1999-2003

| Survival Rate of Stage at Diagnosis | | Gender | | |
|-------------------------------------|-----------------|-----------|-------|-----------|
| | | Total | Male | Female |
| Total | Cases | 6,505 | 63 | 6,442 |
| | One Year | 95.1% | 90.8% | 95.1% |
| | 5 Years | 83.5% | 49.2% | 83.9% |
| | Median Survival | > 5 YEARS | 4.96 | > 5 YEARS |
| Stage at Diagnosis | | | | |
| In situ | Cases | 1,075 | 5 | 1,070 |
| | One Year | 100.0% | --- | 100.0% |
| | 5 Years | 97.3% | --- | 97.7% |
| | Median Survival | > 5 YEARS | . | > 5 YEARS |
| Localized | Cases | 3,060 | 30 | 3,030 |
| | One Year | 99.0% | --- | 99.0% |
| | 5 Years | 93.1% | --- | 93.3% |
| | Median Survival | > 5 YEARS | . | > 5 YEARS |
| Regional | Cases | 1,624 | 20 | 1,604 |
| | One Year | 97.9% | --- | 98.0% |
| | 5 Years | 81.6% | --- | 81.6% |
| | Median Survival | > 5 YEARS | . | > 5 YEARS |
| Distant | Cases | 309 | 4 | 305 |
| | One Year | 58.2% | --- | 58.1% |
| | 5 Years | 24.6% | --- | 24.8% |
| | Median Survival | 1.57 | . | 1.55 |
| Unstaged | Cases | 437 | 4 | 433 |
| | One Year | 73.7% | --- | 73.7% |
| | 5 Years | 43.6% | --- | 45.5% |
| | Median Survival | 4.52 | . | 4.61 |

Notes: 1) The "---" indicates that survival rate could not be calculated due to small cell size. Caution should be used when interpreting survival rates based upon categories with a small number of cases. 2) These rates may not be directly comparable to national rates because of different methodologies. Caution should be used when trying to compare rates for Nevada and the nation. For more information on the calculation of survival rates, please refer to Technical Notes section.