



## NATIONAL CANCER TRENDS FOR AAs AND NHPIs<sup>[1][2][3]</sup>

National cancer trends (1990-2008) among Native Hawaiians and Pacific Islanders (NHPIs) and Asian Americans (AAs) identified persistent cancer disparities and new ethnic-specific issues. NHPIs share a similar burden in common cancers such as breast, prostate, lung, and colorectal as non-Hispanic Whites (NHW), but they face higher risks from cancers such as stomach, liver, and uterus. In addition, NHPIs have higher cancer incidence rates compared to AAs. Increasing cancer incidence rates among Samoans and Guamanians/Chamorros and differences for Native Hawaiians in Hawai'i versus the mainland are key areas of concern. Further understanding social factors such as migration, acculturation, and geography may provide insights for reducing NHPI cancer disparities.

According to CDC, Asian Americans are the only racial group in which cancer is the leading cause of death. Among most AAs, breast cancer was the most common cancer, followed by prostate, lung, colorectal, liver, and stomach cancers. AAs continue to experience the lowest screening rates (breast, cervical, colorectal cancers) compared to all other racial groups. Disparities in cancer incidence and mortality after diagnosis are more evident among foreign-born, low income AAs and those living in ethnic enclaves. Targeted ethnic-specific community prevention and screening efforts are critical to reducing AA cancer disparities.

## IMPACT OF CANCER ON AAs AND NHPIs<sup>[1][2][4]</sup>

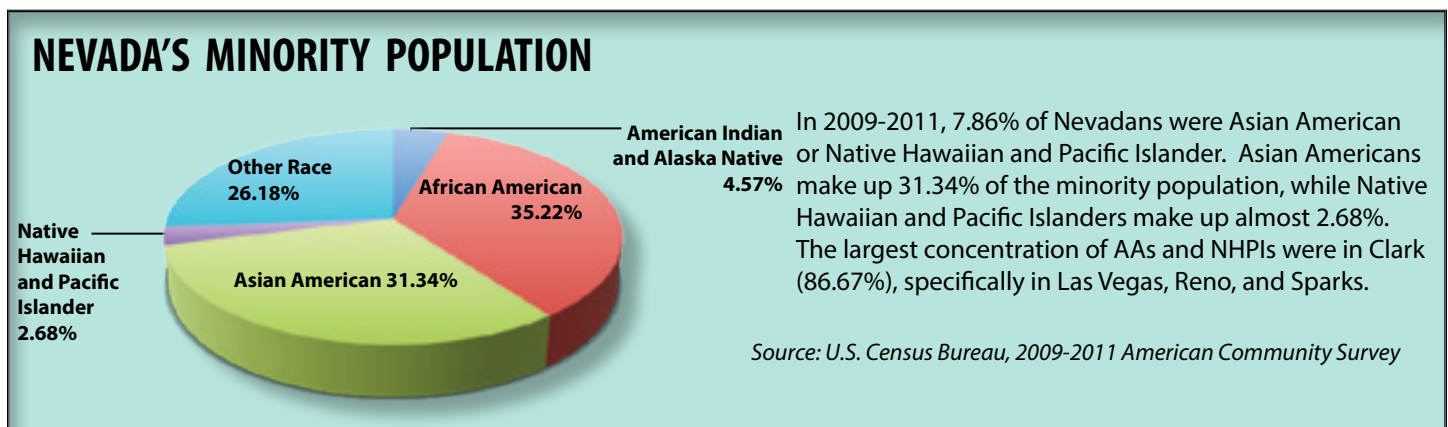
- Among NHPI women, increase in cancer incidence was found in breast, uterine, and colorectal cancers among Samoan women.
- Among NHPIs, increase in overall cancer incidence was found among Guamanians/Chamorros.
- Samoan women experienced higher rates of stomach (4.8 times) and uterine (3.3 times) cancers compared to Non-Hispanic White women.
- Samoan men experienced higher rates of liver (3.8 times), stomach (2.8 times), and lung (1.3 times) cancers compared to Non-Hispanic White men.
- Among AAs, screening rates for breast (64.1%), cervical (75.4%), and colorectal (46.9%) cancer were the lowest compared with all other racial groups.
- Among AA women, increasing cancer incidence were found in uterine (Asian Indians, Chinese, Filipina, Japanese), colorectal (Koreans, Laotians, Vietnamese), lung (Filipinas, Koreans), thyroid (Filipinas), and breast cancer (most AAs).
- Among AA men, increasing cancer incidence were found for prostate (Asian Indians and Pakistanis, Filipinos, Koreans, Kampuchean), liver (Filipinos, Vietnamese, Kampuchean), and colorectal (Koreans) cancers.
- Southeast Asian women: Kampuchean (24.8), Laotian (23.7), and Vietnamese (20.9) women have the higher rates of liver cancer compared with Non-Hispanic White women.
- Southeast Asian men: Laotian (64.5), Vietnamese (58.5), and Kampuchean (52.7) have the higher rates of liver cancer compared with Non-Hispanic White men.

## NEVADA'S STATE POPULATION (ALONE)

Race	Population 2009-2011	Percent
White	1,977,956	73.15%
African American	220,113	8.14%
American Indian and Alaska Native	28,583	1.06%
Asian American	195,907	7.24%
Native Hawaiian and Pacific Islander	16,777	0.62%
Other Race	163,667	6.05%
Two or more races	101,088	3.74%
<b>Total</b>	<b>2,704,091</b>	<b>100.00%</b>

Source: U.S. Census Bureau, 2009-2011 American Community Survey

- 26.62% (719,928) of Nevada's population is Hispanic or Latino. (Federal agencies only recognize five race categories: White, African American, American Indian and Alaska Native, Asian American, and Native Hawaiian and Pacific Islander. The federal government considers race and Hispanic/Latino origin to be two separate and distinct concepts.)



## NEVADA'S ASIAN AMERICAN POPULATION (ALONE)

Asian American Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Asian Indian	8,034	9,338	4.77%	16.23%
Bangladeshi	182	432	0.22%	137.36%
Cambodian	1,312	1,649	0.84%	25.69%
Chinese, except Taiwanese	20,802	31,741	16.20%	52.59%
Filipino	72,325	98,595	50.33%	36.32%
Hmong	49	0	0.00%	-100.00%
Indonesian	748	785	0.40%	4.95%
Japanese	11,199	11,509	5.87%	2.77%
Korean	9,274	13,427	6.85%	44.78%
Laotian	3,046	1,204	0.61%	-60.47%
Malaysian	179	204	0.10%	13.97%
Pakistani	539	1,508	0.77%	179.78%
Sri Lankan	475	381	0.19%	-19.79%
Taiwanese	279	1,683	0.86%	503.23%
Thai	4,398	5,791	2.96%	31.67%
Vietnamese	8,552	10,367	5.29%	21.22%
Other Asian	3,376	6,223	3.18%	84.33%
Other Asian, not specified	1,990	1,070	0.55%	-46.23%
<b>Total</b>	<b>146,759</b>	<b>195,907</b>	<b>100.00%</b>	<b>33.49%</b>

Source: U.S. Census Bureau 2005-2007, 2009-2011 American Community Survey

7.24% of Nevada's population is Asian American. Filipinos are the largest group, comprising of about 50% of the Asian American population. Chinese, except Taiwanese (16.20%) and Korean (6.85%) are the next most prevalent groups. In 2009-2011, the Asian population increased by 26.06% with Bangladeshi as the fastest growing group.

## NEVADA'S NATIVE HAWAIIAN AND PACIFIC ISLANDER POPULATION (ALONE)

NHPI Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Native Hawaiian	5,073	6,834	40.73%	34.71%
Samoan	619	3,417	20.37%	452.02%
Tongan	1,158	1,182	7.05%	2.07%
Guamanian or Chamorro	3,287	2,947	17.57%	-10.34%
Fijian	213	414	2.47%	94.37%
Other Pacific Islander	1,557	1,983	11.82%	27.36%
<b>Total</b>	<b>11,907</b>	<b>16,777</b>	<b>100.00%</b>	<b>40.90%</b>

Source: U.S. Census Bureau 2005-2007, 2009-2011 American Community Survey

The NHPI population of Nevada is 0.62% and its population is increasing at 40.90%. There are several NHPI groups that are growing. The top two are Samoan at 452.02% and Fijian at 94.37%. Of the small NHPI population, Native Hawaiians are the largest, making up almost 41% of NHPIs in the state.

## LANGUAGE SPOKEN

Asian Americans, Native Hawaiians and Pacific Islanders speak over 100 languages and dialects. In Nevada, 67.24% (38,726) of native Asian Americans and 13.78% (17,700) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 17.43% (3,288) of natives and 49.10% (54,402) of foreign-born speak English not well or not at all.

Source: U.S. Census Bureau, 2009-2011 American Community Survey

## INCOME

Group	Median Family Income	Per Capita Income
AA	\$66,503	\$26,121
NHPI	\$61,189	\$24,862
White	\$63,781	\$28,383
NV	\$60,964	\$26,155

Asian Americans and Native Hawaiian and Pacific Islanders have relatively high median family incomes, but Native Hawaiian and Pacific Islander's per capita income is the lowest among other ethnic populations. It is due to a greater number of individuals living in the NHPI household.

Source: U.S. Census Bureau, 2009-2011 American Community Survey

## EMPLOYMENT

In 2010, 41.4% of employed Asians, followed by Hispanics or Latinos (35.9%), African Americans (27.1%), and whites (23.6%) worked in the leisure and hospitality industry compared to the state distribution of 25.6%.<sup>4</sup>

## EDUCATIONAL ATTAINMENT

Population 25 years and over	NV	AA	NHPI
Less than high school diploma	38.60%	11.53%	10.24%
High school graduate (includes equivalency)	25.70%	21.98%	39.80%
Some college or associate's degree	21.90%	29.07%	34.99%
Bachelor's degree or higher	15.00%	37.42%	14.97%

Over a half of the Nevada's NHPIs population have completed high school and approximately one tenth of NHPIs holds a bachelor's degree or higher. Asian Americans have a higher level of educational attainment (37.42%), compared to 15% of all Nevadans with a bachelor's degree or higher.

Source: U.S. Census Bureau, 2009-2011 American Community Survey

## HEALTH INSURANCE COVERAGE

Groups	Number of Individuals Uninsured	Percent
AA	35,344	18.13%
NHPI	3,925	23.84%
White	420,971	21.54%
NV	589,593	22.22%

From 2009-2011, 18.13% of Asian Americans and 23.84% of Native Hawaiians and Pacific Islanders in Nevada were uninsured. The uninsured rate for all state residents was 22.22%. Asian Americans and Native Hawaiian and Pacific Islanders make up 7.86% of Nevada's total population and 6.66% of the total uninsured population.

Source: U.S. Census Bureau, 2009-2011 American Community Survey

## TOP 5 CANCER SITES: 2005-2009, MALE AND FEMALE, NEVADA<sup>5</sup>

NOS = not otherwise specified, IBD = intrahepatic bile duct

### Incidence (Rates per 100,000)

Rank	All Races	White	AA and NHPI
1	Prostate 138.4	Prostate 131.3	Female Breast 74.0
2	Female Breast 114.3	Female Breast 116.9	Prostate 52.4
3	Lung & Bronchus 70.6	Lung & Bronchus 74.1	Lung & Bronchus 57.1
4	Colon & Rectum 45.4	Colon & Rectum 45.4	Colon & Rectum 30.8
5	Urinary Bladder 23.8	Urinary Bladder 25.3	Thyroid 15.1

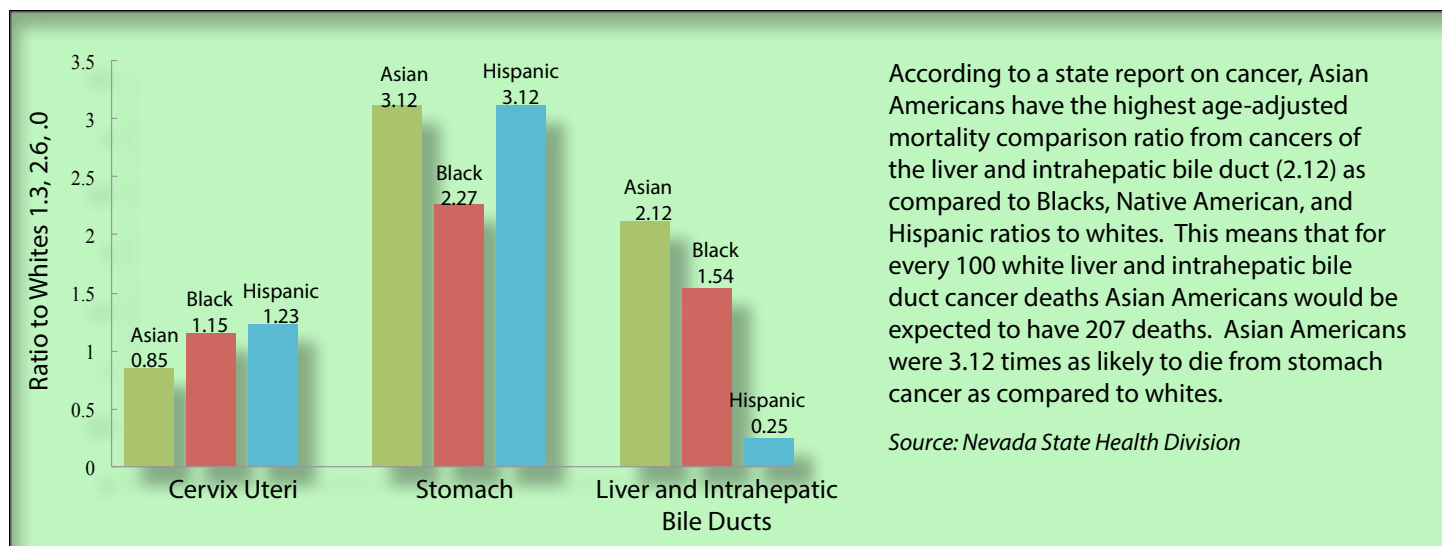
### Mortality (Rates per 100,000)

Rank	All Races	White	AA and NHPI
1	Lung & Bronchus 55.1	Lung & Bronchus 58.2	Lung & Bronchus 24.9
2	Prostate 23.4	Female Breast 23.7	Female Breast 15.9
3	Female Breast 23.3	Prostate 23.4	Colon & Rectum 10.2
4	Colon & Rectum 17.9	Colon & Rectum 18.3	Prostate 10.0
5	Pancreas 11.0	Pancreas 11.0	Liver & Intrahepatic Bile Duct 9.4

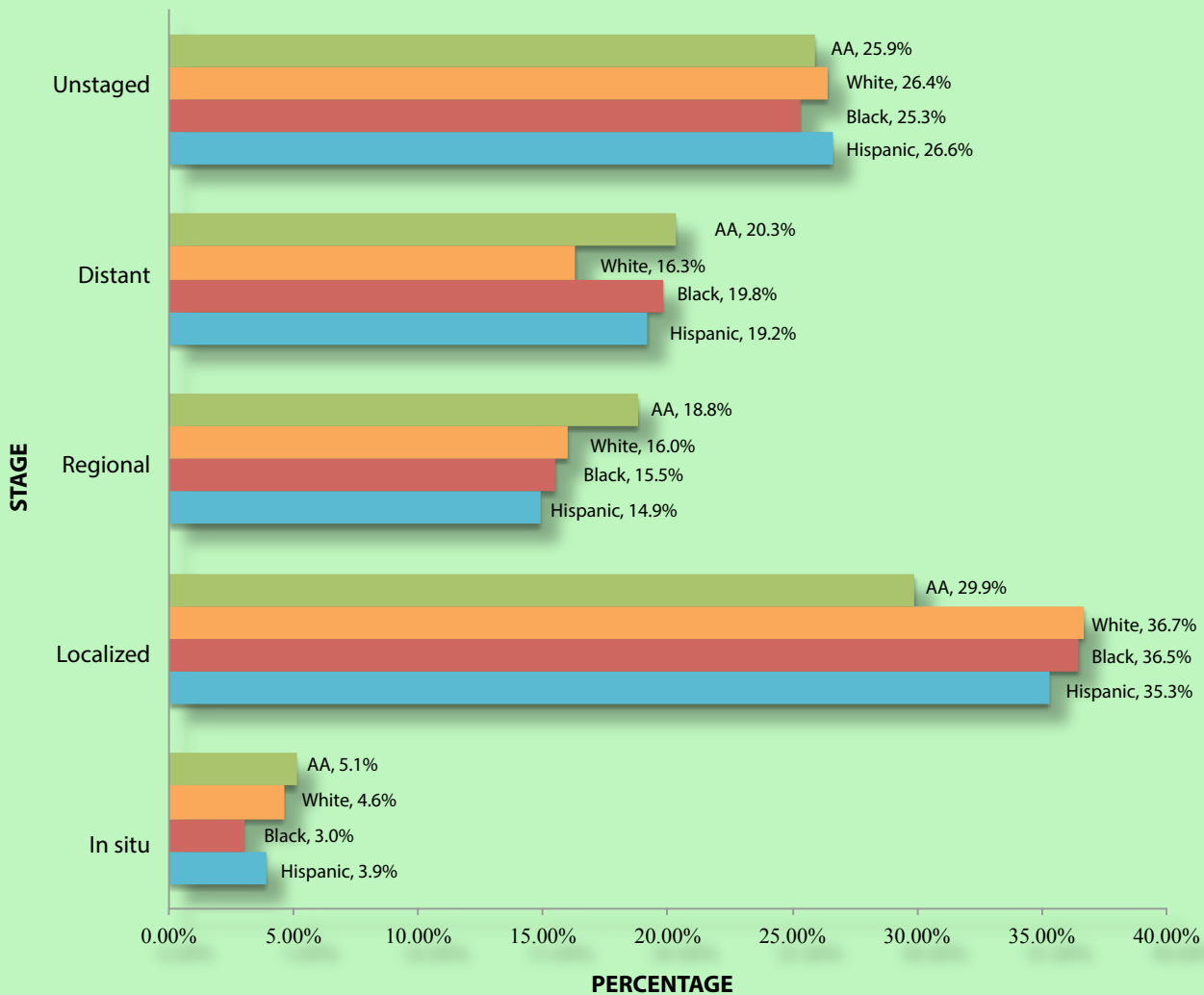
Source: U.S. Cancer Statistics: Working Group. U.S. Cancer Statistics 2005-2009 Incidence and Mortality Web-based Report.

The same cancers that are prevalent in whites also affect AAs and NHPIs, with the exception of urinary bladder. Mortality is also attributed to the same cancer sites: lung and bronchus, female breast, colon and rectum, and prostate.

## COMPARISON OF AGE-ADJUSTED MORTALITY RATES COMPARED TO WHITES, NEVADA RESIDENTS, 2005-2009<sup>6</sup>



# CANCER INCIDENCE BY STAGE AND RACE/ETHNICITY, NEVADA RESIDENTS, 2000-2004<sup>7\*</sup>



Although 5% of cancers were diagnosed at the in situ stage in Asian Americans, the highest percentage of all groups, 19% were diagnosed at the regional stage and 20% in the distant stage.

Source: Nevada State Health Division

\*This table has not been updated since 2010 because data for cancer incidence by stage and race is unavailable.

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Like us! [www.facebook.com/apincsn](http://www.facebook.com/apincsn)



## STATE RESOURCES

Comprehensive Cancer Control Program  
Department of Health and Human Services  
Nevada State Health Division  
Bureau of Child, Family and Community Wellness  
4150 Technology Way, Suite 101  
Carson City, NV 89706  
Tel: (775) 684-5938  
Website: <http://health.nv.gov/ComprehensiveCancer.htm>

Nevada State Health Division –  
Office of Minority Health  
555 E. Washington Ave, Suite 4800  
Las Vegas, NV 89101-1057  
Tel: (702) 486-3587  
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Nevada State Health Division  
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3811 West Charleston, #205  
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Tel: (702) 486-7280  
Website: [www.health.nv.gov/BCFCW](http://www.health.nv.gov/BCFCW)

Nevada Cancer Institute  
One Breakthrough Way  
Las Vegas, NV 89135  
Tel: (702) 822-LIFE or (866) 621-NVCI  
Fax: (702) 821-001  
Website: [www.nevadacancerinstitute.org](http://www.nevadacancerinstitute.org)

## CULTURAL ASSOCIATIONS

Asian American Group of Nevada  
Website: [http://www.asianamericangrouplv.com/aag\\_affiliations.html](http://www.asianamericangrouplv.com/aag_affiliations.html)  
Please see site for a list of over 30 affiliates.

The Chinese Association  
of Northern Nevada  
1000 Bible Wy, Unit 70  
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1905 Carver Ave.  
North Las Vegas, NV 89032  
Tel: (702) 387-2012

Congregational Christian Church of  
American Samoa Las Vegas UCC  
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Filipino Resources in Nevada  
Website: <http://www.thefilipino.com/filipinosinnevada.html>  
Please see site for a list of over 40 Filipino organizations.

Korean Association of Las Vegas  
2001 Santa Rita Dr.  
Las Vegas, NV 89104  
Tel: (702) 731-5575  
Website: <http://cafe.empas.com/hanin>

The Las Vegas Hawaiian Civic Club  
820 Shadow Ln.  
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Tel: (702) 382-6939  
Website: <http://www.lvhcc.org/>

Las Vegas Tongan Assembly of God  
2055 Las Vegas Blvd N  
North Las Vegas, NV 89030  
Tel: (702) 657-6649

Philippine Nurses Association  
of Nevada  
405 Lacy Ln.  
Las Vegas, Nevada 89107  
Website: <http://www.pnanv.org/>

Samoa Congregational Christian  
Church of Las Vegas  
3855 Savoy Ct.  
Las Vegas, NV 89115  
Tel: (702) 632-0902

Samoa O Nevada  
P.O. Box 335573  
North Las Vegas, NV 89033  
Tel: (702) 437-4634  
Website: <http://samoaoonevada.org/>

Singapore Association of Nevada  
Email: [contact@singaporenv.org](mailto:contact@singaporenv.org)  
Website: <http://www.singaporenv.org/>

Thai Association of Las Vegas  
2211 S. Las Vegas Blvd.  
Las Vegas, NV 89106  
Tel: (702) 386-8631  
Website: <http://www.thailasvegas.org/>

United Church of Christ  
101 S. Ranch Dr.  
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## REFERENCES

All data taken from the 2009-2011 American Community Survey unless stated otherwise.

<sup>1</sup> Heron, Melonie (2012). Deaths: Leading Causes for 2009. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; 2013. Available at: [http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61\\_07.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_07.pdf)

<sup>2</sup> Klabunde, Carrie N., Martin Brown, Rachel Ballard-Barbash, Mary C. White, Trevor Thompson, Marcus Plescia, and Sallyann Sallyann Coleman King. "Cancer Screening — United States, 2010." Centers for Disease Control and Prevention. Centers for Disease Control and Prevention, 27 Jan. 2012. Web. Sept. 2013. Available at: [http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6103a1.htm?s\\_cid=mm6103a1\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6103a1.htm?s_cid=mm6103a1_w)

<sup>3</sup> "Cancer Screening — United States, 2010." Centers for Disease Control and Prevention. Centers for Disease Control and Prevention, 27 Jan. 2012. Web. 23 Sept. 2013.

<sup>4</sup> The Office of Minority Health. Cancer and Asians/Pacific Islanders. Available at: <http://www.omhrc.gov/templates/content.aspx?lvl=2&lvlID=53&ID=3055>

<sup>5</sup> U.S. Cancer Statistics Working Group. United States Cancer Statistics: 1999-2009 Incidence and Mortality Web-based Report. Atlanta: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; 2013. Available at: [www.cdc.gov/uscs](http://www.cdc.gov/uscs)

<sup>6</sup> University of Nevada, Reno and Nevada State Health Division. Report on Cancer in Nevada 2005-2009, Figures 10-14. Carson City, NV: Bureau of Health Planning and Statistics, Office of Vital Statistics; June 2012. Available at: [http://health.nv.gov/PUBLICATIONS/2005-2009\\_Cancer\\_in\\_Nevada.pdf](http://health.nv.gov/PUBLICATIONS/2005-2009_Cancer_in_Nevada.pdf)

<sup>7</sup> University of Nevada, Reno and Nevada State Health Division. Report on Cancer in Nevada 2000-2004, Table 27. Carson City, NV: Bureau of Health Planning and Statistics, Office of Vital Statistics; June 2008. Available at: [http://health.nv.gov/FP\\_Publications.htm](http://health.nv.gov/FP_Publications.htm)