



NATIONAL CANCER TRENDS FOR AAs AND NHPIs^{[1][2][3]}

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^{[1][2][4]}

- 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.

ARKANSAS' STATE POPULATION (ALONE)

| Race (alone) | Population 2009 - 2011 | Percent |
|--------------------------------------|------------------------|----------------|
| White | 2,286,625 | 78.34% |
| African American | 455,489 | 15.61% |
| American Indian and Alaska Native | 18,093 | 0.62% |
| Asian American | 35,215 | 1.21% |
| Native Hawaiian and Pacific Islander | 5,474 | 0.19% |
| Other race | 63,684 | 2.18% |
| Two or more races | 54,223 | 1.86% |
| Total | 2,918,803 | 100.00% |

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

• Arkansas has almost 3 million residents, of which 6.39% (186,486) are 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.)

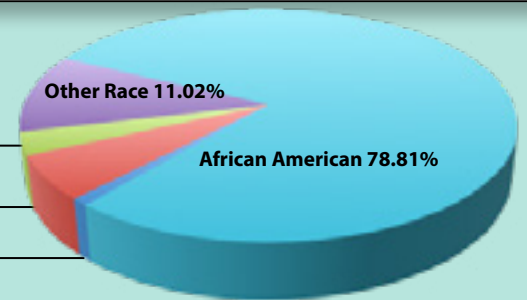
ARKANSAS' MINORITY POPULATION

7.04% of Arkansas' minority population is Asian American or Native Hawaiian and Pacific Islander. 22.53% of Asians in Arkansas live in Pulaski County and 18.94% live in Benton County. 74.28% of the NHPs reside in Washington County.

American Indian and Alaska Native
3.13%

Asian American
6.09%

Native Hawaiian and Pacific Islander
0.95%



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

ARKANSAS' ASIAN AMERICAN POPULATION (ALONE)

| Asian American Group | Population 2005-2007 | Population 2009-2011 | Percent 2009-2011 | Percent Change |
|----------------------------|----------------------|----------------------|-------------------|----------------|
| Asian Indian | 5,079 | 5,739 | 16.30% | 12.99% |
| Bangladeshi | 125 | 118 | 0.34% | -5.60% |
| Cambodian | 64 | 323 | 0.92% | 404.69% |
| Chinese, except Taiwanese | 4,649 | 4,669 | 13.26% | 0.43% |
| Filipino | 3,657 | 4,820 | 13.69% | 31.80% |
| Hmong | 1,130 | 2,323 | 6.60% | 105.58% |
| Indonesian | 17 | 383 | 1.09% | 2152.94% |
| Japanese | 1,012 | 1,103 | 3.13% | 8.99% |
| Korean | 2,870 | 2,376 | 6.75% | -17.21% |
| Laotian | 2,717 | 4,879 | 13.85% | 79.57% |
| Malaysian | 74 | 58 | 0.16% | -21.62% |
| Pakistani | 483 | 373 | 1.06% | -22.77% |
| Sri Lankan | 0 | 248 | 0.70% | † |
| Taiwanese | 231 | 112 | 0.32% | -51.52% |
| Thai | 888 | 519 | 1.47% | -41.55% |
| Vietnamese | 5,415 | 5,178 | 14.70% | -4.38% |
| Other Asian | 605 | 1,766 | 5.01% | 191.90% |
| Other Asian, not specified | 631 | 228 | 0.65% | -63.87% |
| Total | 29,647 | 35,215 | 100.00% | 18.78% |

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

† Cannot calculate percent change because there was no Sri Lankan population in Arkansas from 2005-2007

6.09% of Arkansas' minority population is Asian American. Asian Indian is the largest group, comprising of about 16.30% of the Asian population. Vietnamese (14.70%) is the next largest Asian group. Indonesian (2152.94%) is by far the fastest growing population with 64 Cambodians in 2005-2007 to 323 in 2009-2011.

ARKANSAS' NATIVE HAWAIIAN AND PACIFIC ISLANDER POPULATION (ALONE)

| NHPI Group | Population 2005-2009 | Population 2007-2011 | Percent 2007-2011 | Percent Change |
|------------------------|----------------------|----------------------|-------------------|----------------|
| Native Hawaiian | 389 | 502 | 9.98% | 29.05% |
| Samoan | 98 | 184 | 3.66% | 87.76% |
| Tongan | 30 | 0 | 0.00% | -100.00% |
| Guamanian or Chamorro | 650 | 360 | 7.16% | -44.62% |
| Fijian | 0 | 5 | 0.10% | † |
| Other Pacific Islander | 1338 | 3980 | 79.10% | 197.46% |
| Total | 2505 | 5031 | 100.00% | 100.84% |

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

* 5 year estimates were used in replacement of 3 year estimates because there is no data available for the 3 year estimates.

† Cannot calculate percent change because there was no Fijian population in Arkansas from 2005-2009.

The NHPI population of Arkansas is 0.88% and is increasing. Other Pacific Islander is the fastest growing group, increasing at 1110.34%. Tongan and Guamanian or Chamorro are NHPI groups whose populations are decreasing.

LANGUAGES SPOKEN

Asian Americans, Native Hawaiians and Pacific Islanders speak over 100 languages and dialects. In Arkansas, 45.60% (4,280) of native Asian Americans and 14.59% (3,365) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 14.36% (733) of natives and 55.82% (10,996) 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 | \$60,093 | \$24,133 |
| NHPI | \$45,079 | \$8,330 |
| White | \$53,126 | \$23,486 |
| AR | \$49,212 | \$21,468 |

Asian Americans report much greater median family incomes than Native Hawaiian and Pacific Islanders, Whites, and Arkansas residents. Native Hawaiian and Pacific Islanders' per capita incomes are significantly less than that of whites due to more individuals residing in their households. Native Hawaiian and Pacific Islanders' per capita incomes are significantly less by over \$15,000.

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

EDUCATIONAL ATTAINMENT

| Population 25 years and over | AR | AA | NHPI |
|---|--------|--------|--------|
| Less than high school diploma | 16.90% | 20.41% | 39.96% |
| High school graduate (includes equivalency) | 35.10% | 17.43% | 50.57% |
| Some college or associate's degree | 28.40% | 22.21% | 17.78% |
| Bachelor's degree or higher | 19.50% | 39.94% | 2.94% |

39.94% of Asian Americans hold bachelor's degrees or higher as compared to 19.50% of Arkansans and 2.94% of Native Hawaiian and Pacific Islanders. Around 39.96% of Native Hawaiian and Pacific Islanders did not have a high school diploma.

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

HEALTH INSURANCE COVERAGE

| Groups | Number of Individuals Uninsured | Percent |
|--------|---------------------------------|---------|
| AA | 7,450 | 21.25% |
| NHPI | 1,816 | 33.68% |
| White | 361,190 | 16.06% |
| AR | 481,590 | 17.13% |

From 2009-2011, 21.25% of Asian Americans and 33.68% of Native Hawaiians and Pacific Islanders in Arkansas were uninsured. The uninsured rate for all state residents was 17.13%. Asian Americans and Native Hawaiian and Pacific Islanders make up 1.40% of Arkansas' total population and 1.92% of the total uninsured population.

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

TOP 5 CANCER SITES: 2009, MALE AND FEMALE, ARKANSAS⁵

NOS = not otherwise specified, IBD = intrahepatic bile duct

INCIDENCE (RATES PER 100,000)

| Rank | All Races | White | AA and NHPI |
|------|---------------------------|----------------------|-------------------------------------|
| 1 | Prostate 153.4 | Prostate 141.3 | Prostate 98.2 |
| 2 | Female Breast 109.2 | Female Breast 109.1 | Female Breast 63.9 |
| 3 | Lung & Bronchus 80.4 | Lung & Bronchus 81.0 | Colon & Rectum 36.3 |
| 4 | Colon & Rectum 46.4 | Colon & Rectum 44.8 | Lung & Bronchus 24.6 |
| 5 | Corpus & Uterus, NOS 19.5 | Urinary Bladder 19.5 | Liver & Intrahepatic Bile Duct 13.5 |

MORTALITY (RATES PER 100,000)

| Rank | All Races | White | AA and NHPI |
|------|----------------------|----------------------|-------------------|
| 1 | Lung & Bronchus 66.2 | Lung & Bronchus 66.5 | No data available |
| 2 | Prostate 25.3 | Female Breast 22.5 | No data available |
| 3 | Female Breast 23.6 | Prostate 21.9 | No data available |
| 4 | Colon & Rectum 18.4 | Colon & Rectum 17.3 | No data available |
| 5 | Pancreas 11.3 | Pancreas 10.7 | No data available |

Source: Centers for Disease Control and Prevention, U.S. Cancer Statistics Working Group

The same cancers that are prevalent in whites also affect AAs and NHPs, with the exception of urinary bladder and liver & intrahepatic bile duct. There is no mortality data available for AAs and NHPs.

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FOR MORE INFORMATION, CONTACT

Asian & Pacific Islander American Health Forum
 Asian & Pacific Islander National Cancer Survivors Network
 450 Sutter Street, Suite 600, San Francisco, CA 94108
 Tel: (415) 954-9988
 Email: APINCSN@apiahf.org
 Websites: www.apiahf.org and www.apincsn.org
 Like us! www.facebook.com/apincsn

APIAHF
 ASIAN & PACIFIC ISLANDER
 AMERICAN HEALTH FORUM

apincsn
 Pacific Islander National Cancer Survivors Network

STATE PROGRAMS

Arkansas Cancer Coalition
901 North University Ave.
Little Rock, AR 72207
Tel: (501) 603-5225
Website: www.arcancercoalition.org

BreastCare
Arkansas Department of Health
4815 West Markham St., Slot 11
Little Rock, AR 72205
Tel: (877) 670-2273

Chronic Disease Branch
Arkansas Department of Health
4815 West Markham St., Slot 6
Little Rock, AR 72205
Tel: (501) 661-2627

Arkansas Minority Health Commission
Tel: (510) 686-2720 or 1-877-264-2826
Email: arkmin@arkansas.gov
Website: <http://www.arminorityhealth.com/>

HEALTH SERVICES

Arkansas Prostate Cancer Foundation
Prostate Health Resource Center
1910 North Grant St., Suite 1-A
Little Rock, AR 72207
Tel: (501) 603-7433
Website: <http://www.arprostatecancer.org>
Email: info@arprostatecancer.org

Esperanza Y Vida
4301 West Markham St., Suite 820
Little Rock, AR 72205-7199
Tel: (501) 526-6678

CULTURAL ORGANIZATIONS

Asian Pacific Resource and Cultural Center
Tel: (501) 244-2490
Website: <http://www.arasiancenter.org>

Northwest Arkansas Filipino American Association
Fayetteville, AR 72701
Website: <http://nwafaa.tripod.com>

Tibetan Cultural Institute of Arkansas, Inc.
P.O. Box 269
Fayetteville, AR 72702-0269

National Alliance to Nurture the Aged and the Youth (NANAY) - Asian Pacific American Center
350 Smokey Ln.
North Little Rock, AR 72117
Website: <http://www.nanay.com/arkansas.htm>

CANCER SUPPORT GROUPS

Arkansas Urology
American Cancer Society
Man to Man Support Group
1300 Centerview Dr.
Little Rock, AR 72211-4349
Tel: (501) 219-8900

Grace United Methodist Church
Cancer Support Group
1075 Hogan Ln.
Conway, AR 72034-8126
Tel: (501) 329-6056

Susan G. Komen for the Cure
904 Autumn Rd., Suite 500
Little Rock, AR 72211
Tel: (501) 202-4009
Website: <http://www.komenarkansas.org/>
Website has listing of cancer support groups in the Arkansas area

Bella Vista Community Church
Prostate Cancer Support Group
75 Lancashire Dr.
Bella Vista, AR 72714-2507
Tel: (479) 855-1126

Pike's Cancer Support House
Mountain Home, AR
Tel: (870) 508-2273

Veterans of Foreign Wars Hall
Waldron, AR
Tel: (800) 262-9917
Email: canhelp@swbell.net

Donald W. Reynolds Cancer Support House
Ft. Smith, AR
Tel: (800) 262-9917
Email: canhelp@swbell.net

REFERENCES

All data taken from the 2009-2011 American Community Survey unless stated otherwise. For more information go to www.census.gov.

¹ Gomez, Scarlett Lin, Lihua Liu, Anne-Michelle Noone, Steve Scoppa, James T. Gibson, Daphne Lichtensztajn, Kari Fish, Lynne R. Wilkens, Marc T. Goodman, Cyllene Morris, Sandy Kwong, Dennis Deapen, and Barry A. Miller. "Cancer Incidence Trends Among Native Hawaiians and Other Pacific Islanders in the United States, 1990–2008." *JNCI Journal of the National Cancer Institute* (2013): n. pag. 22 July 2013. Web. 1 Sept. 2013.

² Gomez, Scarlett Lin, Lihua Liu, Anne-Michelle Noone, Steve Scoppa, James T. Gibson, Daphne Lichtensztajn, Kari Fish, Lynne R. Wilkens, Marc T. Goodman, Cyllene Morris, Sandy Kwong, Dennis Deapen, and Barry A. Miller. "Cancer Incidence Trends Among Asian Americans in the United States, 1990–2008." *JNCI Journal of the National Cancer Institute* (2013): n. pag. 22 July 2013. Web. 1 Sept. 2013.

³ 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

⁴ 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

⁵ 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