



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.

ILLINOIS' STATE POPULATION (ALONE)

| Race | Population 2009-2011 | Percent |
|--------------------------------------|----------------------|----------------|
| White | 9,292,686 | 72.40% |
| African American | 1,862,929 | 14.51% |
| American Indian and Alaska Native | 26,839 | 0.21% |
| Asian American | 595,435 | 4.64% |
| Native Hawaiian and Pacific Islander | 2,659 | 0.02% |
| Other race | 810,860 | 6.32% |
| Two or more races | 244,596 | 1.91% |
| Total | 12,836,004 | 100.00% |

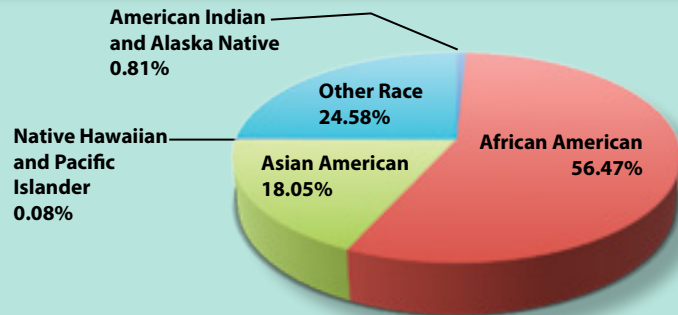
Source: U.S. Census Bureau, 2009-2011 American Community Survey

- Of Illinois' population, 15.86% (2,035,288) 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.)

ILLINOIS' MINORITY POPULATION

In 2011, 4.66% of Illinoisans were Asian Americans or Native Hawaiian and Pacific Islanders. AAs make up 18.05% of the minority population, while NHPIs make up 0.08%. The largest concentration of AAs and NHPIs was in Cook County, specifically in the city of Chicago.

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



ILLINOIS' ASIAN AMERICAN POPULATION (ALONE)

| Asian American Group | Population 2005-2007 | Population 2009-2011 | Percent 2009-2011 | Percent Change |
|----------------------------|----------------------|----------------------|-------------------|----------------|
| Asian Indian | 170,628 | 184,235 | 30.94% | 7.97% |
| Bangladeshi | 654 | 3,265 | 0.55% | 399.24% |
| Cambodian | 3,012 | 4,061 | 0.68% | 34.83% |
| Chinese, except Taiwanese | 93,052 | 108,445 | 18.21% | 16.54% |
| Filipino | 111,561 | 114,665 | 19.26% | 2.78% |
| Hmong | 490 | 800 | 0.13% | 63.27% |
| Indonesian | 831 | 972 | 0.16% | 16.97% |
| Japanese | 20,290 | 17,602 | 2.96% | -13.25% |
| Korean | 62,776 | 67,245 | 11.29% | 7.12% |
| Laotian | 5,244 | 4,188 | 0.70% | -20.14% |
| Malaysian | 419 | 679 | 0.11% | 62.05% |
| Pakistani | 16,233 | 26,390 | 4.43% | 62.57% |
| Sri Lankan | 886 | 892 | 0.15% | 0.68% |
| Taiwanese | 3,078 | 4,543 | 0.76% | 47.60% |
| Thai | 6,048 | 8,026 | 1.35% | 32.71% |
| Vietnamese | 25,935 | 27,268 | 4.58% | 5.14% |
| Other Asian | 6,860 | 14,369 | 2.41% | 109.46% |
| Other Asian, not specified | 6,377 | 7,790 | 1.31% | 22.16% |
| Total | 534,374 | 595,435 | 100.00% | 11.43% |

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

4.64% of Illinois's population is Asian American. Asian Indians are the largest group, comprising of 30.94% of the Asian population. Filipinos (19.26%) and Chinese, except Taiwanese (18.21%) are the next most prevalent groups.

ILLINOIS' NATIVE HAWAIIAN AND PACIFIC ISLANDER POPULATION (ALONE)

| NHPI Group | Population 2005-2009* | Population 2007-2011* | Percent 2009-2011 | Percent Change |
|------------------------|-----------------------|-----------------------|-------------------|----------------|
| Native Hawaiian | 1,126 | 1,087 | 34.13% | -3.46% |
| Samoan | 234 | 390 | 12.24% | 66.67% |
| Tongan | 14 | 0 | 0.00% | -100.00% |
| Guamanian or Chamorro | 1,070 | 921 | 28.92% | -13.93% |
| Fijian | 117 | 93 | 2.92% | -20.51% |
| Other Pacific Islander | 898 | 694 | 21.79% | -22.72% |
| Total | 3,459 | 3,185 | 100.00% | -7.92% |

Source: U.S. Census Bureau 2005-2009, 2007-2011 American Community Survey (*5 year estimates were used due to lack of data in the 3 year set. There is a two year overlap.)

The NHPI population of Illinois is 0.02% and its population is decreasing at about 7.92%. The only NHPI group that is growing is Samoan (66.67%). Of the small NHPI population, Native Hawaiians are the largest, making up more than one third of NHPIs in the state.

LANGUAGES SPOKEN

Asian Americans, Native Hawaiians and Pacific Islanders speak over 100 languages and dialects. In Illinois, 47.68% (68,814) of native Asian Americans and 9.46% (38,678) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 15.10% (11,525) of natives and 47.57% (166,394) 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 | \$83,584 | \$30,899 |
| NHPI | \$74,143 | \$44,740 |
| White | \$74,256 | \$32,140 |
| IL | \$67,892 | \$28,553 |

Asian Americans report a greater median family income than whites but have a lower per capita income due to more people living in Asian American households. Native Hawaiian and Pacific Islanders' median income is higher than the state median, and the group has a highest per capita income.

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

EDUCATIONAL ATTAINMENT

| Population 25 years and over | IL | AA | NHPI |
|---|--------|--------|--------|
| Less than high school diploma | 34.80% | 9.69% | 11.19% |
| High school graduate (includes equivalency) | 21.30% | 12.18% | 34.86% |
| Some college or associate's degree | 26.50% | 16.19% | 23.39% |
| Bachelor's degree or higher | 23.40% | 61.94% | 30.57% |

As compared to all Illinoisans (23.40%), a larger proportion of Asian Americans (61.94%) and Native Hawaiians and Pacific Islanders (30.57%) hold a bachelor's degree or higher. However, only 34.86% of NHPIs are high school graduates as compared to the state average.

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

HEALTH INSURANCE COVERAGE

| Groups | Number of Individuals Uninsured | Percent |
|--------|---------------------------------|---------|
| AA | 92,733 | 15.64% |
| NHPI | 390 | 14.69% |
| White | 988,589 | 10.77% |
| IL | 1,686,201 | 13.38% |

From 2009-2011, 15.64% of Asian Americans and 14.69% of Native Hawaiians and Pacific Islanders in Illinois were uninsured. The uninsured rate for all state residents was 13.38%. Asian Americans and Native Hawaiian and Pacific Islanders make up 4.66% of Illinois' total population and 5.52% of the total uninsured population.

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

TOP 5 CANCER SITES: 2005-2009, MALE AND FEMALE, ILLINOIS⁵

NOS = not otherwise specified, IBD = intrahepatic bile duct

Incidence (Rates per 100,000)

| Rank | All Races | White | AA and NHPI |
|------|---------------------------|---------------------------|---------------------------|
| 1 | Prostate 157.9 | Prostate 144.7 | Female Breast 85.9 |
| 2 | Female Breast 125.4 | Female Breast 126.4 | Prostate 72.4 |
| 3 | Lung & Bronchus 72.1 | Lung & Bronchus 71.8 | Colon & Rectum 34.4 |
| 4 | Colon & Rectum 51.8 | Colon & Rectum 50.2 | Lung & Bronchus 31.6 |
| 5 | Corpus & Uterus, NOS 27.5 | Corpus & Uterus, NOS 28.3 | Corpus & Uterus, NOS 15.8 |

Mortality (Rates per 100,000)

| Rank | All Races | White | AA and NHPI |
|------|----------------------|----------------------|------------------------------------|
| 1 | Lung & Bronchus 52.4 | Lung & Bronchus 51.8 | Lung & Bronchus 21.3 |
| 2 | Prostate 25.5 | Female Breast 23.0 | Colon & Rectum 10.9 |
| 3 | Female Breast 24.2 | Prostate 22.5 | Female Breast 10.2 |
| 4 | Colon & Rectum 18.4 | Colon & Rectum 17.4 | Prostate 8.6 |
| 5 | Pancreas 11.4 | Pancreas 11.0 | Liver & Intrahepatic Bile Duct 6.2 |

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. Mortality is also attributed to the similar cancer sites: lung and bronchus, colon & rectum, female breast, and prostate.

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MetroSouth Medical Center
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Filipino American Network
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The Hamdard Center
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The Pui Tak Center
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Website: www.abta.org

Chinese American Service League
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Men's Health: (217) 785-4093
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Y-Me National Breast Cancer Organization
135 South LaSalle Street, Suite 2000
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REFERENCES

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