



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.

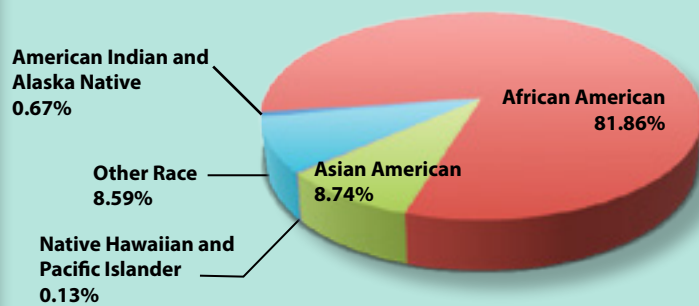
GEORGIA'S STATE POPULATION (ALONE)

Race (alone)	Population 2009-2011	Percent
White	5,907,833	60.80%
African American	2,972,551	30.59%
American Indian and Alaska Native	24,277	0.25%
Asian American	317,488	3.27%
Native Hawaiian and Pacific Islander	4,810	0.05%
Other Race	311,964	3.21%
Two or more races	177,146	1.82%
Total	9,716,069	100.00%

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

- 8.84% (859,135) of Georgia'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.)

GEORGIA'S MINORITY POPULATION



In 2011, 3.33% of Georgians were Asian American or Native Hawaiian and Pacific Islander. The largest concentration of Asian Americans was in Gwinnett County (27.10%), and the largest concentration of Native Hawaiians and Pacific Islanders was in DeKalb County (9.13%).

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

GEORGIA'S ASIAN AMERICAN POPULATION (ALONE)

Asian American Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Asian Indian	77,119	89,515	28.19%	16.07%
Bangladeshi	1,567	5,027	1.58%	220.80%
Cambodian	4,256	4,936	1.55%	15.98%
Chinese, except Taiwanese	35,418	47,047	14.82%	32.83%
Filipino	15,290	19,452	6.13%	27.22%
Hmong	3,165	4,016	1.26%	26.89%
Indonesian	1,565	1,420	0.45%	-9.27%
Japanese	7,802	8,038	2.53%	3.02%
Korean	42,760	54,779	17.25%	28.11%
Laotian	4,846	4,467	1.41%	-7.82%
Malaysian	442	641	0.20%	45.02%
Pakistani	3,804	8,838	2.78%	132.33%
Sri Lankan	357	1,070	0.34%	199.72%
Taiwanese	2,126	2,495	0.79%	17.36%
Thai	2,538	4,624	1.46%	82.19%
Vietnamese	44,189	49,266	15.52%	11.49%
Other Asian	3,098	8,137	2.56%	162.65%
Other Asian, not specified	3,961	3,720	1.17%	-6.08%
Total	254,303	317,488	100.00%	24.85%

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

3.27% of Georgia's population are Asian American. Asian Indians are the largest group, comprising of 28.19% of the Asian American population. Korean (17.25%) and Vietnamese (15.52%) are the next most prevalent groups. The Asian American population is growing at about 24.85%, with Bangladeshi and Sri Lankan as the fastest growing groups.

GEORGIA'S NATIVE HAWAIIAN AND PACIFIC ISLANDER POPULATION (ALONE)

NHPI Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Native Hawaiian	1,714	1,248	26.82%	-27.19%
Samoan	1,031	1,014	21.79%	-1.65%
Tongan	38	55	1.18%	44.74%
Guamanian or Chamorro	1,517	1,315	28.26%	-13.32%
Fijian	169	160	3.44%	-5.33%
Other Pacific Islander	519	861	18.50%	65.90%
Total	4,988	4,653	100.00%	-6.72%

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

The NHPI population of Georgia is 0.05% and its population is decreasing at 6.72%. There are two NHPI groups that are growing which are Other Pacific Islander at 65.90% and Tongan at 44.74%. Of the small NHPI population, Guamanian or Chamorro are the largest, making up 28.26% of NHPis in the state.

LANGUAGES SPOKEN

Asian Americans, Native Hawaiians and Pacific Islanders speak over 100 languages and dialects. In Georgia, 39.38% (29,564) of native Asian Americans and 11.41% (25,313) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 15.50% (7,052) of natives and 52.63% (103,491) 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	\$64,483	\$25,376
NHPI	\$58,859	\$23,234
White	\$65,929	\$28,861
GA	\$57,018	\$24,337

Asian Americans have the lower median family and lower per capita income than that of whites. This is due to a greater number of individuals in Asian American households. Native Hawaiian Pacific Islanders report higher income than that of the state average by about \$1,000, but report lower per capita income by about \$1,000.

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

EDUCATIONAL ATTAINMENT

Population 25 years and over	GA	AA	NHPI
Less than high school diploma	39.00%	13.75%	9.21%
High school graduate (includes equivalency)	21.00%	19.01%	44.81%
Some college or associate's degree	24.30%	17.07%	46.43%
Bachelor's degree or higher	19.60%	50.18%	13.90%

Almost half of Georgia's Asian American population holds a bachelor's degree or higher, a much greater proportion than the state average. Most Native Hawaiian and Pacific Islanders are high school graduates and many have attained an associate's degree or attended some college, but exhibit a lower level of higher education than all Georgians.

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

HEALTH INSURANCE COVERAGE

Groups	Number of Individuals Uninsured	Percentage
AA	82,599	26.15%
NHPI	657	14.41%
White	939,515	16.18%
GA	1,846,064	19.43%

From 2009-2011, 26.15% of Asian Americans and 14.41% of Native Hawaiian and Pacific Islanders in Georgia were uninsured. The uninsured rate for all state residents was 19.43%. Asian Americans and Native Hawaiian and Pacific Islanders make up 3.32% of Georgia's total population and 4.51% of the total uninsured population.

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

TOP 5 CANCER SITES: 2005-2009, MALE AND FEMALE, GEORGIA⁵

Incidence (Rates Per 100,000)

Rank	All Races	White	AA and NHPI
1	Prostate 167.8	Prostate 143.5	Prostate 75.7
2	Female Breast 119.7	Female Breast 119.9	Female Breast 75.1
3	Lung & Bronchus 71.6	Lung & Bronchus 75.0	Colon & Rectum 28.6
4	Colon & Rectum 45.0	Colon & Rectum 42.2	Lung & Bronchus 25.2
5	Melanomas of the Skin 21.0	Melanomas of the Skin 28.0	Stomach 12.9

Mortality (Rates Per 100,000)

Rank	All Races	White	AA and NHPI
1	Lung & Bronchus 53.9	Lung & Bronchus 55.9	Lung & Bronchus 16.4
2	Prostate 27.5	Female Breast 20.8	Prostate 8.9
3	Female Breast 23.0	Prostate 20.7	Colon & Rectum 8.5
4	Colon & Rectum 16.4	Colon & Rectum 14.8	Female Breast 8.3
5	Pancreas 10.4	Pancreas 9.9	Liver & Intrahepatic Bile Duct 8.2

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, with the exception of melanomas. Mortality is also attributed to the same cancer sites: lung and bronchus, female breast, and prostate.

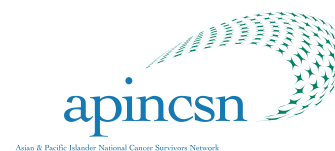
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 Asian & Pacific Islander National Cancer Survivors Network
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 Tel: (415) 954-9988
 Email: APINSN@apiahf.org
 Websites: www.apiahf.org and www.apincsn.org
 Like us! www.facebook.com/apincsn



STATE PROGRAMS

American Cancer Society- Atlanta Office
 250 Williams St.
 Atlanta, GA 30303
 Tel: (404) 315-1123 or (800) ACS-2345
 Website: www.cancer.org

Georgia Cancer Coalition
 50 Hurt Plaza, Suite 700
 Atlanta, GA 30303
 Tel: (404) 584-7720
 Website: http://www.georgiacancer.org/

Georgia Comprehensive Cancer Control Program
 Georgia Division of Public Health
 Two Peachtree Street, NW
 Atlanta, GA 30303-3186
 Tel: (404) 657-6648
 Website: http://health.state.ga.us/programs/cancer/index.asp

Centers for Disease Control and Prevention
 Division of Cancer Prevention and Control
 4770 Buford Hwy, NE, MS K-64
 Atlanta, GA 30341
 Tel: (800) 232-4636
 Email: cdcinfo@cdc.gov
 Website: http://www.cdc.gov/cancer/

Georgia Cancer Foundation
 1301 Hightower Trail, Suite 250
 Atlanta, GA 30350
 Tel: (770) 640-5529
 Website: http://www.gacancerfoundation.org/

Office of Minority Health, Georgia Department of Community Health
 Tel: (404) 657-6707
 Website: http://dch.georgia.gov/00/channel_title/0,2094,31446711_40827916,00.html

CULTURAL ORGANIZATIONS

Asian Christian Counseling & Educational Seminar Services, Inc.
2000 Clearview Ave., Ste. 205
Doraville, GA 30340
Tel: (770) 986-0800
Website: <http://www.asianchristiancounseling.org/>

Asian/Pacific American Council of Georgia, Inc.
3760 Park Ave.
Doraville, GA 30340
Tel: (770) 936-0969
Website: <http://www.apacga.org/>

Boat People S.O.S., Inc.
2000 Clearview Ave., Ste. 116
Doraville, GA 30340
Tel: (770) 458-6700
Website: www.bpsos.org

The Center for Pan Asian Community Services
3510 Shallowford Road, NE
Atlanta, GA 30341
Tel: (770) 936-0969
Fax: (770) 458-9377
Website: <http://www.icpacs.org/>

Culture Connect
Provides cultural, social, linguistic, and professional support for greater metropolitan Atlanta
4151 Memorial Dr., Ste. 207E
Decatur, GA 30032
Tel: (404) 627-4793
Website: <http://www.cultureconnectinc.org/>

Essential Living for Muslim Women
Tel: (404) 441-7029
Email: essentialliving4muslimwomen@hotmail.com
Website: <http://el4mw.com>

Filipino-American Association of Greater Atlanta
975 Cone Rd.
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Website: <http://www.atl-filam.org>

Georgia Asian Pacific Islander Community Coalition
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Korean American Association of Greater Atlanta
6930 Buford Highway
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Tel: (770) 263-1888
Website: <http://www.atlantaka.com/>

Korean American Coalition - Atlanta Chapter
P.O. Box 920745
Norcross, GA 30010
Email: membership@kacatl.org
Website: <http://www.kacatl.org>

Laotian American Society
P.O. Box 48432
Atlanta, GA 30362
Email: info@lasga.org
Website: <http://www.lasga.org>

Malaysian Association of Georgia
P.O. Box 78531
Atlanta, GA 30357
Email: mag@malaysia-ga.org
Website: <http://www.malaysia-ga.org/>

Organization of Chinese Americans - Georgia Chapter
P.O. Box 767278
Roswell, GA 30076
Tel: (770) 408-0546
Email: ocageorgia@yahoo.com
Website: <http://www.oca-georgia.org>

Philippine American Women's Association of GA
Website: <http://www.pawag-outreach.org>

Raksha, Inc. (South Asian)
P.O. Box 12337
Atlanta, GA 30355
Tel: (404) 876-0670
Email: raksha@raksha.org
Website: www.raksha.org

Refugee Family Services, Inc.
5561 Memorial Dr.
Stone Mountain GA, 30083
Tel: (404) 299-6217
Website: <http://www.refugeefamilyservices.org>

Thai Association of Georgia
P.O. Box 47115
Atlanta, GA 30362
Email: thaiassociation@yahoo.com
Website: <http://www.thaiassociation.org/>

CANCER SUPPORT GROUPS

Breast Cancer Network of Strength, Southeast Region
Joya Harris, Executive Director
Tel: (312) 379-2298
Email: southeastregion@networkofstrength.org
Website: <http://www.networkofstrength.org/southeastregion/index.php>

Northwest Georgia Regional Cancer Coalition, Inc.
96 East Callahan Street, Suite 479-01
Rome, GA 30161
Tel: (706) 295-6048
Email: gagnew@nwgacancer.org
Website: www.nwgacancer.org

Young Survival Coalition
5825 Glenridge Dr., Bldg 3, Ste. 101-E
Atlanta, GA 30328
Tel: (404) 250-6508
Website: <http://www.youngsurvival.org/atlanta>

KOREAN & CHINESE SUPPORT GROUPS

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3510 Shallowford Road, NE
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REFERENCES

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

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