



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 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.

FLORIDA'S STATE POPULATION (ALONE)

Race	Population 2009-2011	Percent
White	14,398,705	76.39%
African American	2,999,853	15.91%
American Indian and Alaska Native	63,587	0.34%
Asian American	461,541	2.45%
Native Hawaiian and Pacific Islander	11,200	0.06%
Other race	513,476	2.72%
Two or more races	401,238	2.13%
Total	18,849,600	100%

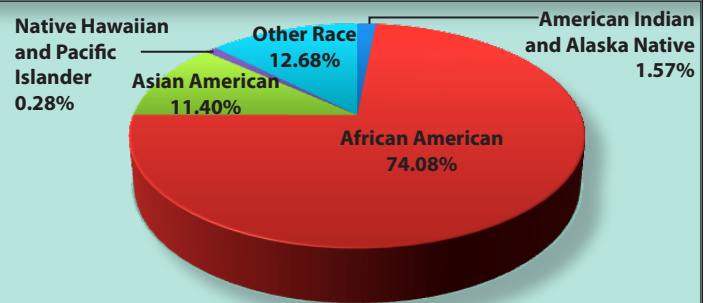
Source: U.S. Census Bureau, 2009-2011 American Community Survey

- 22.51% (4,243,669) 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.)

FLORIDA'S MINORITY POPULATION

In 2011, 2.45% of Floridians were Asian American. Broward County had the largest Asian American population (57,959). Orange County had the second largest Asian American community (56,133) and had the largest Native Hawaiian and Pacific Islander community (1,648).

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



FLORIDA'S ASIAN AMERICAN POPULATION (ALONE)

Asian American Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Asian Indian	112,870	127,477	27.62%	12.94%
Bangladeshi	2,138	6,339	1.37%	196.49%
Cambodian	4,912	6,184	1.34%	25.90%
Chinese, except Taiwanese	59,304	73,456	15.92%	23.86%
Filipino	80,530	86,192	18.67%	7.03%
Hmong	1,992	2,307	0.50%	15.81%
Indonesian	2,133	2,649	0.57%	24.19%
Japanese	13,977	13,166	2.85%	-5.80%
Korean	24,451	25,379	5.50%	3.80%
Laotian	4,307	4,971	1.08%	15.42%
Malaysian	422	416	0.09%	-1.42%
Pakistani	6,600	16,376	3.55%	148.12%
Sri Lankan	1,129	699	0.15%	-38.09%
Taiwanese	1,757	2,329	0.50%	32.56%
Thai	9,136	11,049	2.39%	20.94%
Vietnamese	54,272	66,065	14.31%	21.73%
Other Asian	5,840	10,874	2.36%	86.20%
Other Asian, not specified	7,357	5,613	1.22%	-23.71%
Total	393,127	461,541	100.00%	17.40%

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

2.45% of Florida's population is Asian American. Asian Indians are the largest group, comprising of almost 30% of the Asian American population. Bangladeshi (196.49%) and Pakistani (148.12%) are among the fastest growing groups since 2007.

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

NHPI Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Native Hawaiian	2,571	3,129	27.94%	21.70%
Samoan	1,152	1,377	12.29%	19.53%
Tongan	130	242	2.16%	86.15%
Guamanian or Chamorro	3,636	2,507	22.38%	-31.05%
Fijian	135	63	0.56%	-53.33%
Other Pacific Islander, Polynesian, Micronesian, Melanesian	3,388	3,882	34.66%	14.58%
Total	11,012	11,200	100.00%	1.71%

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

Florida's Native Hawaiian and Pacific Islander (NHPI) population is 0.06%. Of that small population, Native Hawaiians are the largest, making up almost one-third of NHPIs (27.94%). In fact, they are growing at 21.70%, while Togans are quickly growing at 86.15%. Overall, NHPIs as a group are increasing at about 1.71% in the state of Florida.

LANGUAGES SPOKEN

Asian Americans, Native Hawaiians, and Pacific Islanders speak over 100 languages and dialects. In Florida, 54.65% (60,124) of native Asian Americans and 19.88% (64,858) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 14.32% (7,146) of natives and 47.53% (124,217) of foreign-born speak English not well or not at all. 76.06% (5,609) of native Native Hawaiians and Pacific Islanders and 34.91% (984) of foreign-born Native Hawaiians and Pacific Islanders speak English only. Of Native Hawaiians and Pacific Islanders who speak other language(s) besides English, 11.10% (196) of natives and 47.90% (879) 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	\$66,384	\$26,773
NHPI	\$55,986	\$18,647
White	\$58,982	\$28,085
FL	\$55,043	\$25,361

Asians Americans (AAs) report a greater median family income than whites but have a lower per capita income. This may be due to more people living in Asian households. Although Native Hawaiians and Pacific Islanders' (NHPIs) median income is around the same as the state's median, their per capita income is 26.47% (\$6,714) less than the state per capita income.

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

EDUCATIONAL ATTAINMENT

Population 25 years and over	FL	AA	NHPI
Less than high school diploma	14.41%	14.82%	12.26%
High school graduate (includes equivalency)	30.15%	18.25%	35.90%
Some college or associate's degree	29.78%	21.32%	35.06%
Bachelor's degree or higher	25.65%	45.61%	16.78%

Almost half of the Asian Americans (AAs) in Florida hold bachelor's degree or higher as compared to 25.65% of Floridians and 16.78% of Native Hawaiians and Pacific Islanders (NHPIs). A majority of NHPIs are high school graduates (35.90%) and complete some college or holds an associate's degree (35.0%).

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

HEALTH INSURANCE COVERAGE

Group	Number of Individuals Uninsured	Percent
AA	105,895	23.06%
NHPI	2,597	23.65%
White	2,737,086	19.27%
FL	3,900,667	21.04%

About one-fifth of Florida's population is uninsured. Almost one-fourth of Asian Americans (23.06%), Native Hawaiians, and Pacific Islanders (23.65%) are uninsured. Asian Americans, Native Hawaiians, and Pacific Islanders uninsurance rates account for about 3% of Florida's total uninsured population.

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

TOP 5 CANCER SITES: 2009, MALE AND FEMALE, FLORIDA^[5]

NOS = not otherwise specified, IBD = intrahepatic bile duct

Incidence (Rates per 100,000)

Rank	All Races	White	AA and NHPI
1	Prostate 122.6	Female Breast 115.7	Female Breast 56.7
2	Female Breast 115.6	Prostate 113.6	Prostate 42.8
3	Lung & Bronchus 66.0	Lung & Bronchus 68.0	Lung & Bronchus 26.0
4	Colon & Rectum 39.5	Colon & Rectum 38.4	Colon & Rectum 20.7
5	Corpus & Uterus, NOS 22.6	Corpus & Uterus, NOS 22.3	Corpus & Uterus, NOS 14.2

Mortality (Rates per 100,000)

Rank	All Races	White	AA and NHPI
1	Lung & Bronchus 48.2	Lung & Bronchus 49.7	Lung & Bronchus 19.8
2	Female Breast 21.4	Female Breast 20.4	Female Breast 10.3
3	Prostate 18.2	Prostate 16.2	Liver & IBD 8.7
4	Colon & Rectum 14.5	Colon & Rectum 14.1	Colon & Rectum 7.2
5	Pancreas 10.2	Pancreas 10.3	Pancreas 7.0

Source: U.S. Cancer Statistics: Working Group. U.S. Cancer Statistics 1999-2009 Incidence and Mortality Web-based Report.

The most common cancers in Asian Americans, Native Hawaiians, and Pacific Islanders (AAs and NHPs) are also common in whites. Breast cancer is most prevalent among Asian Americans, Native Hawaiians, and Pacific Islanders but is responsible for fewer deaths in AA and NHPI communities. Asian Americans, Native Hawaiians, and Pacific Islanders are more likely to die from lung and bronchus (19.8), breast (10.3), and liver and intrahepatic bile duct (8.7) cancers.

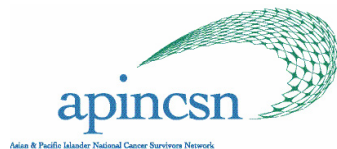
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Asian & Pacific Islander National Cancer Survivors Network
450 Sutter Street, Suite 600, San Francisco, CA 94108
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Email: APINCSN@apiahf.org
Websites: www.apiahf.org and www.apincsn.org
Like us! www.facebook.com/apincsn



STATE PROGRAMS

Florida Department of Health
Bureau of Chronic Disease Prevention and Health Promotion
Florida Breast & Cervical Cancer Early Detection Program
4052 Bald Cypress Way
Bin #A13
Tallahassee, FL 32399-1723
Tel: (850) 245-4455
Website: www.doh.state.fl.us/family/bcc/

HEALTH SERVICES

Ovarian Cancer Alliance of Florida
1855 West SR 434, Suite 282
Longwood, FL 32750
Tel: (407) 339-0024
Website: www.ocaf.org

Alliance For Prostate Cancer Prevention
15248 S. Tamiami Trail, Suite 1000
Fort Myers, FL 33908
Tel: 1-888-50-APCAP or
1-888-502-7227
Email: info@apcap.org

CULTURAL ORGANIZATIONS

Asian Coalition of Tallahassee
P.O. Box 15532
Tallahassee, FL 32317
Tel: (850) 878-0051
Website: www.asiantlh.org

Asian Cultural Association
2759 Marsh Wren Circle
Longwood, FL 32779
Tel: (407) 333-3667
Email: aca@aca-florida.org
Website: www.aca-florida.org

Big Bend Filipino-American Association
P.O. Box 227
Tallahassee, FL 32302
Email: president@bbfaa.org
Website: www.bbfaa.org/bbfaa/page.html

Cambodian Buddhist Temple
4057 Hunt St
Jacksonville, FL 32254-4129
Tel: (904) 389-1034

Cambodian Association of Florida
P.O. Box 12413
Gainesville, FL 32604
Tel: (305) 323-1260

Cambodian Mutual Assistance Association
5371 68th Street, North
St. Petersburg, FL 33709
Tel: (813) 977-2163

Chinese American Association of Central Florida
823 E. Colonial Drive
Orlando, FL 32803
Email: Orlando_chinese@yahoo.com
Website: www.orlandochinese.com

Chinese Baptist Church of Coral Springs
200 Coral Ridge Drive
Coral Springs, FL 33071-8152
Website: www.cbccs.org

Chinese Baptist Church of Miami
595 SW 124 Avenue
Miami, FL 33184
Tel: (305) 551-0138
Website: cbciami.org/miami.htm

Chinese Baptist Church of Miami – Orlando Mission
1425 Davidson Street
Orlando, FL 32804

Tel: (407) 425-1760
Website: www.cbcmiami.org/orlando.htm

Filipino-American Club of Pinellas County
Contact: Amy Mancol
Tel: (727) 522-4700
Filipino American Cultural Society
Website: www.freewebs.com/filipinoamerican/culturalsociety/

Florida Hmong Community Association
Tel: (727) 644-2899

Florida Nepal Association
7458 Champagne Place
Boca Raton, FL 33433
Website: www.floridanepal.org

Guam Club of Florida
926 Vicksburg Street
Deltona, FL 32725

Guang Ming Temple
6555 Hoffner Avenue
Orlando, FL 32822
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Website: www.orlandobuddhism.org

Hindu Society of Central Florida
1994 Lake Drive
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Website: www.hindutempleorlando.org

India Association of Tallahassee
P.O. Box 12111
Tallahassee, FL 32317-2111
Email: President.iatlh@gmail.com
Website: www.iatlh.org

Jacksonville Chinese Association
Email: contact@usjca.org

Japan Society of S. Florida
Tel: (305) 358-6006

Khmer Association of East Coast Florida
1008 40th Avenue, West
Bordenton, FL 33505
Tel: (813) 746-6303

Kissimmee American Chinese Center
4836 W. US 192
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Tel: (407) 933-8787

CULTURAL ORGANIZATIONS (continued)

Korean American Association of West Florida, Inc.
Tel: (813) 994-7482

Tel: (305) 753-8791
Email: OCA-SFL@juno.com
Website: www.khuang.com/
OCA-SFL

Laotian American Association of Florida, Inc.
Tel: (727) 504-0853

Polynesian Connection Club of Vaepopua
Tel: (727) 235-9095

National Alliance to Nurture the Aged and the Youth (NANAY, Inc.)
659 N.E. 125 Street
North Miami, FL 33161
Tel: (305) 981-3232
Website: www.nanay.com

Suncoast Association of Chinese Americans
Tel: (941) 228-2952
Website: www.sacatampabay.org

Orlando Chinese Church
2310 East Oregon Street
Orlando, FL 32803
Tel: (407) 894-4212
Email: servants@
orlandochinesechurch.org
Website: www.
orlandochinesechurch.
org

Taiwanese American Cultural Organization (T.A.C.O.)
Tel: (727) 492-3210
Taiwanese Association of Tampa Bay
Website: www.tatb.us

Orlando Chinese Church
2230 Rouse Road
Orlando, FL 32817
Tel: (407) 658-9898
Email: servants@
orlandochinesechurch.org
Website: www.
orlandochinesechurch.
org

Tampa Bay Chinese Community
P.O. Box 46163
Tampa, FL 33647
Tel: (813) 973-3579
Email: info@tampabaychinese.
s5.com
Website: www.tampabaychinese.
s5.com

Organization of Chinese Americans – South Florida Chapter
P.O. Box 56-2124
Miami, FL 33256

Thai Association of Tampa Bay
Tel: (727) 321-2732
The Fiji Club of Central Florida, Inc.
Contact: Pecell Tuinakauvadra
Tel: (727) 692-2032

Tongan Cultural Organization of Florida, Inc.
Tel: (727) 522-3296

United Chinese Association of Florida (UCAF)
P.O. Box 669086
Miami, FL 33166
Tel: (305) 753-8791
Email: ucaf.president@gmail.com

Vietnamese-American Association of St. Petersburg
Tel: (727) 656-6049

Wat Florida Dhammaram
2421 Old Vineland Road
Kissimmee, FL 34746
Tel: (407) 397-9552
Email: watfloridadhammaram@
yahoo.com
Website: www.watflorida.org/

Wat Lao Buddha Phavanaram Inc.
5618 58th Street North
Kenneth City, FL 33709
Tel: (727) 546-1352

Wat Navaram Buddhist Temple, Inc.
2381 Narcissus Avenue
Sanford, FL 32771
Tel: (407) 322-3652

Wat Lao Mixayaram
4300 43rd Street North
St. Petersburg, FL 33714
Tel: (727) 526-9527

CANCER SUPPORT GROUPS

Southwest Florida - The Wellness Community
3900 Clark Road, Building P-3
Sarasota, FL 34233
Tel: (941) 921-5539
Website: www.wellness-swfl.org

Mesothelioma Cancer Center
20 N. Orange Avenue, Suite 1450
Orlando, FL 32801
Phone: (407) 965-5755 or (800) 615-2270
Fax: (407) 540-4900
Email: allan@asbestos.com
Website: www.asbestos.com

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 Asian Americans in the United States, 1990–2008*. JNCI Journal of the National Cancer Institute. 22 July 2013. Available at: <http://jnci.oxfordjournals.org/content/105/15/1096.full?sid=37d9b8cc-cee0-45b6-bbb9-d82dbf4a4a9>

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