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.
**VIRGINIA’S STATE POPULATION (ALONE)**

<table>
<thead>
<tr>
<th>Race</th>
<th>Population 2009-2011</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>5,575,503</td>
<td>69.56%</td>
</tr>
<tr>
<td>African American</td>
<td>1,563,201</td>
<td>19.50%</td>
</tr>
<tr>
<td>American Indian and Alaska Native</td>
<td>25,822</td>
<td>0.32%</td>
</tr>
<tr>
<td>Asian American</td>
<td>443,169</td>
<td>5.53%</td>
</tr>
<tr>
<td>Native Hawaiian and Pacific Islander</td>
<td>5,059</td>
<td>0.06%</td>
</tr>
<tr>
<td>Other race</td>
<td>183,974</td>
<td>2.30%</td>
</tr>
<tr>
<td>Two or more races</td>
<td>218,774</td>
<td>2.73%</td>
</tr>
<tr>
<td>Total</td>
<td>8,015,502</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

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

Of Virginia’s population, 7.87% (630,535) 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.)

**VIRGINIA’S MINORITY POPULATION**

In 2011, Asian Americans, Native Hawaiians and Pacific Islanders made up 5.58% of the population in Virginia. The largest concentration of Asian Americans (443,169) and Native Hawaiians and Pacific Islanders (5,059) were in Fairfax County.

Source: U.S. Census Bureau, 2009-2011 American Community Survey
## Virginia’s Native Hawaiian and Pacific Islander Population (Alone)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Native Hawaiian</td>
<td>1,331</td>
<td>1,688</td>
<td>33.37%</td>
<td>26.82%</td>
</tr>
<tr>
<td>Samoan</td>
<td>693</td>
<td>595</td>
<td>11.76%</td>
<td>-14.14%</td>
</tr>
<tr>
<td>Tongan</td>
<td>243</td>
<td>329</td>
<td>6.50%</td>
<td>35.39%</td>
</tr>
<tr>
<td>Guamanian or Chamorro</td>
<td>2,072</td>
<td>1,616</td>
<td>31.94%</td>
<td>-22.01%</td>
</tr>
<tr>
<td>Fijian</td>
<td>109</td>
<td>64</td>
<td>1.27%</td>
<td>-41.28%</td>
</tr>
<tr>
<td>Other Pacific Islander</td>
<td>1,036</td>
<td>767</td>
<td>15.16%</td>
<td>-25.97%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5,484</strong></td>
<td><strong>5,059</strong></td>
<td><strong>100.00%</strong></td>
<td><strong>-7.75%</strong></td>
</tr>
</tbody>
</table>


The NHPI population of Virginia is 0.06% and its population is decreasing at 7.75%. There are two NHPI groups that are growing, which are Tongan (35.39%) and Native Hawaiian (26.82%). 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 Virginia, 49.04% (50,880) of native Asian Americans and 11.05% (34,207) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 14.73% (7,790) of natives and 44.83% (123,498) of foreign-born speak English not well or not at all.

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

INCOME

<table>
<thead>
<tr>
<th>Group</th>
<th>Median Family Income</th>
<th>Per Capita Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>$96,368</td>
<td>$34,432</td>
</tr>
<tr>
<td>NHPI</td>
<td>$92,727</td>
<td>$29,129</td>
</tr>
<tr>
<td>White</td>
<td>$81,231</td>
<td>$36,416</td>
</tr>
<tr>
<td>VA</td>
<td>$74,766</td>
<td>$32,461</td>
</tr>
</tbody>
</table>

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

EDUCATIONAL ATTAINMENT

<table>
<thead>
<tr>
<th>Population 25 years and over</th>
<th>VA</th>
<th>AA</th>
<th>NHPI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than high school diploma</td>
<td>13.00%</td>
<td>10.42%</td>
<td>6.04%</td>
</tr>
<tr>
<td>High school graduate (includes equivalency)</td>
<td>25.50%</td>
<td>13.90%</td>
<td>21.85%</td>
</tr>
<tr>
<td>Some college or associate's degree</td>
<td>27.10%</td>
<td>18.56%</td>
<td>37.21%</td>
</tr>
<tr>
<td>Bachelor's degree or higher</td>
<td>34.50%</td>
<td>57.12%</td>
<td>34.89%</td>
</tr>
</tbody>
</table>

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

HEALTH INSURANCE COVERAGE

<table>
<thead>
<tr>
<th>Groups</th>
<th>Number of Individuals Uninsured</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>70,676</td>
<td>16.11%</td>
</tr>
<tr>
<td>NHPI</td>
<td>499</td>
<td>11.19%</td>
</tr>
<tr>
<td>White</td>
<td>566,719</td>
<td>10.42%</td>
</tr>
<tr>
<td>VA</td>
<td>974,989</td>
<td>12.54%</td>
</tr>
</tbody>
</table>

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

Asian Americans report much greater median family incomes than whites and Virginians. However, their per capita income is less than that of whites due to more individuals residing in Asian American households. Native Hawaiian and Pacific Islander's median income is more than that of an average Virginian, but their per capita income is less than that of an average Virginian.

About 55% of Asian Americans hold bachelor's degrees or higher as compared to 34.5% of Virginians and 34.89% of Native Hawaiian and Pacific Islanders. 6.04% of Native Hawaiian and Pacific Islanders have less than a high school diploma.

From 2005-2007, 16.11% of Asian Americans and 11.19% of Native Hawaiians and Pacific Islanders in Virginia were uninsured. The uninsured rate for all state residents was 12.54%. Asian American and Native Hawaiian and Pacific Islanders make up 5.59% of Virginia's total population and 7.30% of the total uninsured population.
### Incidence (Rates per 100,000)

<table>
<thead>
<tr>
<th>Rank</th>
<th>All Races</th>
<th>White</th>
<th>AA and NHPI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prostate</td>
<td>157.9</td>
<td>Female Breast</td>
</tr>
<tr>
<td>2</td>
<td>Female Breast</td>
<td>124.2</td>
<td>Prostate</td>
</tr>
<tr>
<td>3</td>
<td>Lung &amp; Bronchus</td>
<td>67.5</td>
<td>Lung &amp; Bronchus</td>
</tr>
<tr>
<td>4</td>
<td>Colon &amp; Rectum</td>
<td>43.2</td>
<td>Colon &amp; Rectum</td>
</tr>
<tr>
<td>5</td>
<td>Corpus &amp; Uterus, NOS</td>
<td>23.2</td>
<td>Melanomas of the Skin</td>
</tr>
</tbody>
</table>

### Mortality (Rates per 100,000)

<table>
<thead>
<tr>
<th>Rank</th>
<th>All Races</th>
<th>White</th>
<th>AA and NHPI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lung &amp; Bronchus</td>
<td>53.1</td>
<td>Lung &amp; Bronchus</td>
</tr>
<tr>
<td>2</td>
<td>Prostate</td>
<td>26.0</td>
<td>Female Breast</td>
</tr>
<tr>
<td>3</td>
<td>Female Breast</td>
<td>24.8</td>
<td>Prostate</td>
</tr>
<tr>
<td>4</td>
<td>Colon &amp; Rectum</td>
<td>16.6</td>
<td>Colon &amp; Rectum</td>
</tr>
<tr>
<td>5</td>
<td>Pancreas</td>
<td>11.3</td>
<td>Pancreas</td>
</tr>
</tbody>
</table>


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

### ACKNOWLEDGEMENTS

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- Trixy Joy Manansala
- Mavis Nitta
- Trish Quema
- Winston Tseng

### 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

### STATE PROGRAMS

- **Breast and Cervical Cancer Early Detection Program**
  - 201 Francis Marion Lane
  - Marion, VA 24354
  - Tel: (276) 781-7450
  - Every Woman's Life Program
  - Virginia Breast and Cervical Cancer Early Detection Program
  - 109 Governor Street, 8th Floor
  - Richmond, VA 23219
  - Tel: (804) 864-7761 or (804) 395-4968
  - Fax: (804) 864-7763
  - Email: freeScreens@vdh.virginia.gov
  - Website: www.vahealth.org/breastcancer

- **Virginia Department of Health, Cancer Prevention and Control Program**
  - 109 Governor Street, 8th Floor
  - Richmond, VA 23219
  - Tel: (804) 864-7890
  - Fax: (804) 864-6152
  - Website: www.vahealth.org/cdpc/cancerprevention/
CULTURAL ORGANIZATIONS

Asian American Society of Central Virginia
P.O. Box 35194
Richmond, VA 23235
Tel: (804) 245-4974
Email: info@aasocv.org
Website: www.aasocv.org/
Bangladeshi, Cambodian, Chinese, Filipino, Indian, Japanese, Malaysian, Korean, Laotian, Pakistani, Thai, Vietnamese community links

Asian Coalition for Filipino Veterans Inc.
841 South Glebe Road
Arlington, VA 22204
Tel: (202) 246-1998
Email: us.filvets@verizon.net
Website: www.usfilvets.tripod.com

Boat People SOS (Vietnamese)
Leesburg Pike, Suite 100
Falls Church, VA 22041
Tel: (703) 538-2190
Email: info@bpsos.org
Website: www.bpsos.org

Cambodian Appeal
7929 Brighton Way
Manassas, VA 22110

Cambodian Association of Peninsula and Tidewater in Virginia
101 W. Pembroke Ave. #N4
Hampton, VA 23669
Tel: (804) 728-0223

Cambodian Association of Virginia
16 North Laurel Street
Richmond, VA 23220
Tel: (804) 355-4559

Coalition of Asian Pacific Americans of Virginia (CAPAVA)
11312 Myrtle Lane
Reston, VA 20191
Tel: (703) 716-3027
Email: info@capava.org
Website: www.capava.org

Grace Filipino Church
14242 Springfield Road
Woodbridge, VA 22193
Website: www.gracefilipinochurch.org
Greater Richmond Association of Malayalees
Email: ec@gramam.org
Website: www.gramam.org/default.aspx

Greater Greater Washington Association
1941 Normandstone Drive
Midlothian, VA 23113
Website: www.grbaonline.org

Hai-Hua Community Center, Incorporated
9306 Robel Place
Vienna, VA 22182-1659
Tel: (301) 538-6585

Japan American Veterans Association
5847 Aspen Wood Court
McLean, VA 22101
Tel: (703) 538-5081
Website: www.javadc.org/main.htm

Korean Focus
1906 Sword Lane
Alexandria, VA 22308
Email: info@koreanfocus.org
Website: www.koreanfocus.org

National Association of Korean Americans
National Office
3883 Plaza Drive
Fairfax, VA 22030
Tel: (703) 267-2388
E-mail: nakausa@naka.org
Website: www.naka.org

National Congress of Vietnamese Americans
6433 North Anna Drive
Springfield, VA 22150
Tel: (703) 971-9178
Email: info@ncvaonline.org
Website: www.ncvaonline.org

Northern Thai Association
122 Battle Street, S.W.
Vienna, VA 22180
Tel: (703) 255-5578

Pakistan American Society of Central Virginia
Mansoor Mannay Siddiqui
P.O. Box 29715
Richmond, VA 23242
Tel: (804) 338-9917
Website: www.pasadvc.org/pakistan/index.html

Philippine-American Community of the Peninsula
Website: www.geomarines.com/pacp_23608

Philippine Cultural Center of Virginia
4857 Baxter Road
Virginia Beach, VA 23462
Tel: (757) 490-7600
Website: www.philippineculturalcenter.com

Philippine American Community of the Peninsula
Website: www.geomarines.com/pacp_23608

Richmond Tamil Sangam
Website: www.richmond tamil sangam.org/en

Traditional Asian Health Center
5700 Old Richmond Avenue, Ste. C-11
Richmond, VA 23226
Tel: (804) 513-4408
Website: www.aznhealth.com

Vietnamese Community of West Virginia
6131 Willston Drive, Ste E
Falls Church, VA 22044-3002

Vietnamese Resettlement Association
6131 Willston Drive, Room 6
Falls Church, VA 22044
Tel: (703) 532-3716

Vietnamese Senior Citizens Association
6131 Willston Drive, #107
Falls Church, VA 22044
Tel: (703) 532-0267

Vietnamese Cultural Society
P.O. Box 5091
Falls Church, VA 22044
Tel: (703) 534-3859
Email: info@vcsaw.org
Website: www.vcsaw.org

Vietnamese Resettlement Association
6131 Willston Drive, Room 6
Falls Church, VA 22044
Tel: (703) 532-3716

Vietnamese Social Service Center
13365 Lee Highway, Ste 201
Falls Church, VA 22044
Tel: (703) 532-3716

Vietnamese American Community of the Peninsula
Website: www.geomarines.com/pacp_23608

Vietnamese American Cultural Association of the Peninsula
Website: www.vacaonline.org

Vietnamese American Cultural Organization of Central Virginia
Website: www.vacov.org

Vietnamese American Health Forum
450 Sutter Street, Suite 600, San Francisco, CA 94108 • 415-954-9988 • www.apiahf.org

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Asian & Pacific Islander American Health Forum
450 Sutter Street, Suite 600, San Francisco, CA 94108 • 415-954-9988 • www.apiahf.org
**SUPPORT GROUPS**

National Hospice and Palliative Care Organization  
1731 King Street, Suite 100  
Alexandria, VA 22314  
Tel: (703) 837-1500 or (800) 658-8898  
Fax: (703) 837-1233  
Email: caringinfo@nhpco.org  
Website: www.nhpco.org & www.caringinfo.org

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**REFERENCES**

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


