



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 NHPIS 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 NHPIS 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.

MINNESOTA'S STATE POPULATION (ALONE)

Race	Population 2009-2011	Percent
White	4,570,137	86.03%
African American	271,087	5.10%
American Indian and Alaska Native	58,021	1.09%
Asian American	214,212	4.03%
Native Hawaiian and Pacific Islander	2,244	0.04%
Other Race	72,433	1.36%
Two or more races	124,105	2.34%
Total	5,312,239	100.00%

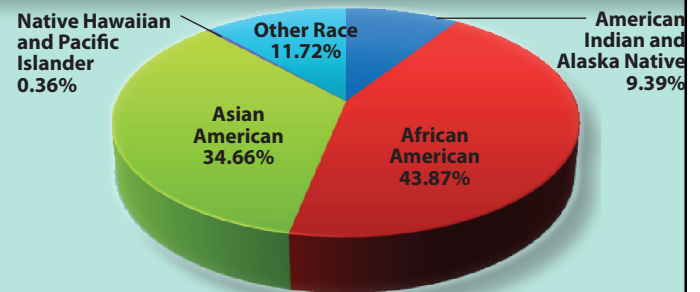
Source: U.S. Census Bureau, 2009-2011 American Community Survey

- 4.74% (251,680) of Minnesota'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.)

MINNESOTA'S MINORITY POPULATION

34.66% of Minnesota's minority population is Asian American. Hennepin County has the largest Asian American population (70,784) in addition to having the largest Native Hawaiian and Pacific Islander community (620).

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



MINNESOTA'S ASIAN AMERICAN POPULATION (ALONE)

Asian American Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Asian Indian	27,569	32,385	21.09%	117.47%
Bangladeshi	329	898	0.58%	172.95%
Cambodian	7,805	7,989	5.20%	2.36%
Chinese, except Taiwanese	19,992	24,404	15.89%	22.07%
Filipino	8,306	9,088	5.92%	9.41%
Hmong	48,963	60,637	28.31%	23.84%
Indonesian	168	412	0.27%	145.24%
Japanese	3,683	3,931	2.56%	6.73%
Korean	15,674	16,420	10.69%	4.76%
Laotian	11,760	11,997	7.81%	2.02%
Malaysian	164	71	0.05%	-56.71%
Pakistani	701	2,053	1.34%	192.87%
Sri Lankan	424	584	0.38%	37.74%
Taiwanese	313	978	0.64%	212.46%
Thai	1,440	3,491	2.27%	142.43%
Vietnamese	22,718	23,823	15.51%	4.86%
Other Asian	3,651	11,499	5.37%	214.95%
Other Asian, not specified	3,658	3,552	2.31%	-2.90%
Total	177,318	214,212	100.00%	20.81%

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

Asian Americans make up 4.03% of the Minnesotan population. The largest Asian American population in Minnesota is Hmong with 28.31%. They are followed by Asian Indians (21.09%), Chinese (15.89%), and Vietnamese (15.51%). The fastest growing groups are Taiwanese (212.46%) and Pakistani (192.87%).

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

NHPI Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Native Hawaiian	708	810	36.10%	14.41%
Samoan	417	537	23.93%	28.78%
Guamanian or Chamorro	297	144	6.42%	-51.52%
Other Pacific Islander	268	753	33.56%	180.97%
Total	1690	2244	100.00%	32.78%

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

The majority of Minnesota's Native Hawaiian and Pacific Islander (NHPI) population is Native Hawaiian (36.10%) followed by Samoan (28.78%) and Guamanian or Chamorro (6.42%). The only growing NHPI groups are Samoan and Native Hawaiian.

LANGUAGES SPOKEN

Asian Americans, Native Hawaiians and Pacific Islanders speak over 100 languages and dialects. In Minnesota, 28.88% (18,681) of native Asian Americans and 16.49% (21,584) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 23.28% (10,708) of natives and 54.42% (59,468) of foreign-born speak English not well or not at all. 78.32% (1,004) of native Native Hawaiians and Pacific Islanders and 8.48% (58) of foreign-born Native Hawaiians and Pacific Islanders speak English only. Of Native Hawaiians and Pacific Islanders who speak other language(s) besides English, 9.35% (26) of natives and 61.18% (383) 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	\$61,367	\$23,181
NHPI	\$46,250	\$20,045
White	\$59,713	\$31,759
MN	\$57,439	\$30,310

Asian Americans, Native Hawaiians, and Pacific Islanders (AAs and NHPIs) have lower median family incomes than whites and the state median. Per capita income indicates that there are generally more individuals living in AAs and NHPIs' households than in white households.

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

EDUCATIONAL ATTAINMENT

Population 25 years and over	MN	AA	NHPI
Less than high school diploma	8.28%	20.41%	31.79%
High school graduate (includes equivalency)	27.33%	16.94%	28.29%
Some college or associate's degree	32.50%	19.26%	28.64%
Bachelor's degree or higher	31.89%	43.39%	11.27%

A large percentage of Asian Americans (AAs) have a bachelor's degree or higher (43.39%) but one-fifth (20.41%) also have less than a high school diploma. About 60.08% of Native Hawaiians and Pacific Islanders (NHPIs) are high school graduates or less versus 35.61% of Minnesotans. 11.27% of NHPIs have bachelor's degrees or higher versus 31.89% of Minnesotans.

Source: US Census Bureau, 2009-2011 American Community Survey

HEALTH INSURANCE COVERAGE

Group	Number of individuals Uninsured	Percent
AA	24,593	11.52%
NHPI	495	22.07%
White	351,804	7.78%
MN	471,883	8.98%

In Minnesota, about 9% of residents are uninsured. 11.52% of Asian Americans and 22.07% of Native Hawaiians and Pacific Islanders are uninsured, which make up 5.32% of the total uninsured population.

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

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

NOS = not otherwise specified, IBD = intrahepatic bile duct

~ Rates are suppressed and not ranked if case counts are fewer than 16 or if the population of the specific category (race, ethnicity) is less than 50,000

Incidence (Rates per 100,000)

Rank	All Races		White		AA and NHPI	
1	Prostate	156.3	Prostate	152.1	Female Breast	68.8
2	Female Breast	131.5	Female Breast	131.6	Prostate	49.2
3	Lung & Bronchus	56.4	Lung & Bronchus	55.7	Lung & Bronchus	34.3
4	Colon & Rectum	41.5	Colon & Rectum	40.3	Colon & Rectum	23.1
5	Corpus & Uterus, NOS	27.0	Corpus & Uterus, NOS	26.6	Liver & IBD	20.2

Mortality (Rates per 100,000)

Rank	All Races		White		AA and NHPI	
1	Lung & Bronchus	43.2	Lung & Bronchus	43.4	Liver & IBD	24.2
2	Prostate	24.3	Prostate	23.7	Lung & Bronchus	20.1
3	Female Breast	21.3	Female Breast	21.1	~	
4	Colon & Rectum	14.1	Colon & Rectum	14.2	~	
5	Pancreas	10.5	Pancreas	10.4	~	

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

Asian Americans, Native Hawaiians, and Pacific Islanders have many of the same types of cancers as all Minnesotans and whites, but have an increased incidence and mortality rate for cancers of the liver and intrahepatic bile duct.

CANCER INCIDENCE AND MORTALITY 2011, MINNESOTA^[6]

Although Asian Americans, Native Hawaiians, and Pacific Islanders (AAs and NHPIs) overall cancer incidence rate is about 45% lower than non-Hispanic whites, their mortality rate was only 29% lower. This indicates that Asian Americans, Native Hawaiians, and Pacific Islanders risk of cancer is lower, but they exhibit poorer survival from cancer than non-Hispanic whites or they are more likely diagnosed with more lethal cancers. AAs and NHPIs have the highest rates of liver and stomach cancer, at least three times higher than non-Hispanic whites and increased cervical cancer incidence in women. Compared to national levels, cancer mortality in Minnesotan AAs and NHPIs is 12% greater.

Cancer Incidence, 2003-2007 (Rates per 100,000)

Cancer Site	Non-Hispanic White		AA and NHPI	
	Males	Females	Males	Females
All Cancers	550.8	409.4	281.8	240.3
Colorectal	54.3	41.0	33.8	30.3
Breast	-	126.7	-	53.4
Prostate	180.1	-	56.6	-
Cervical	-	5.5	-	12.5

Cancer Mortality, 2003-2007 (Rates per 100,000)

Cancer Site	Non-Hispanic White		AA and NHPI	
	Males	Females	Males	Females
All Cancers	210.8	148.6	150.1	105.2
Lung & Bronchus	58.1	36.9	33.9	14.5
Breast	-	21.9	-	9.7
Prostate	25.2	-	12.4	-
Cervical	-	1.5	-	6.2

Source: American Cancer Society. Minnesota Cancer Facts and Figures 2011.

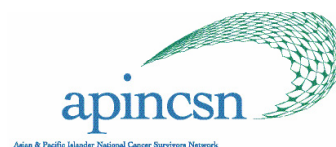
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American Cancer Society
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Masonic Cancer Center,
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 Website: <http://www.cancer.umn.edu/>

Minnesota Cancer Alliance
 Gonda Lobby – CEC 334
 200 First St. S.W.
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 Website: <http://www.cancerplanmn.org/>

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CULTURAL ORGANIZATIONS

Asian Indian Family Wellness
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Minnesota Asian/
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Southeast Asian Community Council, Inc.
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CANCER SUPPORT GROUPS

Minnesota Department of Health,
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Website: www.health.state.mn.us

Minnesota Ovarian Cancer Alliance
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Tel: (612) 822-0500

Website: <http://www.mnovarian.org/>

Women's Cancer Resource Center
4604 Chicago Ave. S.
Minneapolis, MN 55407
Tel: (612) 882-4846
Email: wrcr@wrcrmn.org
Website: <http://www.givingvoice.org/cope/support.html>

Vietnamese Social Services of
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277 University Avenue West
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Northpoint Health & Wellness Center, Inc.
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REFERENCES

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