



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.

MASSACHUSETTS' STATE POPULATION (ALONE)

Race	Population 2009-2011	Percent
White	5,308,418	81.00%
African American	442,543	6.75%
American Indian and Alaska Native	12,606	0.19%
Asian American	355,138	5.42%
NHPI	1,735	0.03%
Other Race	262,545	4.01%
Two or more races	170,553	2.60%
Total	6,553,538	100.00%

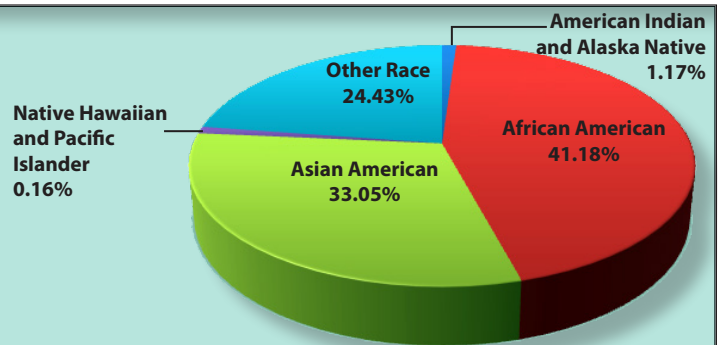
Source: U.S. Census Bureau, 2009-2011 American Community Survey

- 9.61% (629,600) of Massachusetts' 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.)

MASSACHUSETTS' MINORITY POPULATION

Most Asian Americans (141,583) and many Native Hawaiians and Pacific Islanders (677) live in Middlesex County.

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



MASSACHUSETTS' ASIAN AMERICAN POPULATION (ALONE)

Asian American Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Asian Indian	59,455	73,299	20.64%	23.28%
Bangladeshi	580	2,058	0.58%	254.83%
Cambodian	24,507	27,214	7.66%	11.05%
Chinese, except Taiwanese	109,456	123,057	34.65%	12.43%
Filipino	12,891	11,724	3.30%	-9.05%
Hmong	600	416	0.12%	-30.67%
Indonesian	1,293	1,254	0.35%	-3.02%
Japanese	9,030	8,078	2.27%	-10.54%
Korean	20,985	24,514	6.90%	16.82%
Laotian	2,636	3,351	0.94%	27.12%
Malaysian	370	493	0.14%	33.24%
Pakistani	2,065	7,151	2.01%	246.30%
Sri Lankan	1,563	1,374	0.39%	-12.09%
Taiwanese	2,293	4,193	1.18%	82.86%
Thai	3,221	3,043	0.86%	-5.53%
Vietnamese	45,178	48,062	13.53%	6.38%
Other Asian	5,568	12,739	3.59%	128.79%
Other Asian, not specified	3,366	3,118	0.88%	-7.37%
Total	305,057	355,138	100.00%	16.42%

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

5.42% of Massachusetts's population is Asian American. Chinese is the largest group, comprising of 34.65% of the Asian population. Asian Indians (20.64%) and Vietnamese (13.53%) are the next most populous groups. Bangladeshi is the fastest growing group, increasing by 254.83%.

MASSACHUSETTS' NATIVE HAWAIIAN AND PACIFIC ISLANDER POPULATION (ALONE)

NHPI Group	Population 2005-2007	Population 2009-2011	Percent 2009-2011	Percent Change
Native Hawaiian	378	461	26.57%	21.96%
Samoa	78	346	19.94%	343.59%
Tongan	0	89	5.13%	†
Guamanian or Chamorro	1088	145	8.36%	-86.67%
Other NHPIs	678	694	40.00%	2.36%
Total	2222	1,735	100.00%	-21.92%

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

† Cannot calculate percent change because there was no Tongan population in New Jersey from 2005-2007

Massachusetts' Native Hawaiian and Pacific Islander population is 0.03%. Native Hawaiians and Pacific Islanders as a group is decreasing overall at 21.92%, but the Samoan population is growing at a quick rate (343.59%), quadrupling in population size since 2007.

LANGUAGES SPOKEN

Asian Americans, Native Hawaiians, and Pacific Islanders speak over 100 languages and dialects. In Massachusetts, 39.25% (35,421) of native Asian Americans and 11.03% (26,543) of foreign-born Asian Americans speak English only. Of Asian Americans who speak other language(s) besides English, 15.78% (8,649) of natives and 54.35% (116,361) of foreign-born speak English not well or not at all. 61.19% (574) of native Native Hawaiians and Pacific Islanders and 31.74% (213) of foreign-born Native Hawaiians and Pacific Islanders speak English only. Of Native Hawaiians and Pacific Islanders who speak other language(s) besides English, 2.75% (10) of natives and 37.34% (171) 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	\$85,924	\$32,635
NHPI	\$21,386	\$19,272
White	\$87,811	\$37,300
MA	\$82,009	\$34,420

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

Asian Americans, Native Hawaiians, and Pacific Islanders report lower median family incomes than whites, with Native Hawaiians and Pacific Islanders' median being significantly lower (only 1/4 of the median family income of Massachusetts' residents). Accordingly, per capita income for Asian Americans, Native Hawaiians, and Pacific Islanders is also below whites and Massachusetts. Lower income levels in Asian Americans, Native Hawaiians, and Pacific Islanders may be due to more individuals living in Asian Americans, Native Hawaiians, and Pacific Islanders households than there are in white households.

EDUCATIONAL ATTAINMENT

Population 25 years and over	MA	AA	NHPI
Less than high school diploma	10.90%	17.48%	10.68%
High school graduate (includes equivalency)	26.06%	14.44%	28.30%
Some college or associate's degree	24.24%	12.29%	29.52%
Bachelor's degree or higher	38.81%	55.79%	31.49%

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

Although 31.49% of Native Hawaiians and Pacific Islanders attain at least a bachelor's degree, there are still many that are high school graduates (28.30%) and completing some college or associate's degree (29.52%). While 55.79% of Asian Americans hold bachelor's degrees or higher, 14.44% graduate from high school and 12.29% complete some college or associate's degree.

HEALTH INSURANCE COVERAGE

Group	Number of Individuals Uninsured	Percent
AA	16,461	4.65%
NHPI	64	3.70%
White	185,692	3.54%
MA	274,799	4.25%

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

While Asian Americans, Native Hawaiians, and Pacific Islanders make up 5.45% of Massachusetts total population, 8.35% of them are uninsured. They account for 6.01% of the total uninsured population in the state of Massachusetts.

TOP 5 CANCER SITES: 2009, MALE AND FEMALE, MASSACHUSETTS^[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	131.8	Female Breast	132.8	Female Breast	72.9
2	Female Breast	130.3	Prostate	113.1	Prostate	70.7
3	Lung & Bronchus	66.5	Lung & Bronchus	67.7	Lung & Bronchus	34.4
4	Colon & Rectum	40.6	Colon & Rectum	39.8	Colon & Rectum	29.1
5	Corpus & Uterus, NOS	29.3	Corpus & Uterus, NOS	29.4	Corpus & Uterus, NOS	21.7

Mortality (Rates per 100,000)

Rank	All Races		White		AA and NHPI	
1	Lung & Bronchus	48.6	Lung & Bronchus	50.4	Lung & Bronchus	22.5
2	Female Breast	22.2	Female Breast	22.3	Liver & IBD	12.5
3	Prostate	21.7	Prostate	21.4	Colon & Rectum	12.2
4	Colon & Rectum	15.1	Colon & Rectum	15.2	~	
5	Pancreas	11.0	Pancreas	11.1	~	

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 are also common in whites. The cancers that account for the most deaths are similar to those that affect whites, except for liver and intrahepatic bile duct cancer.

5 LEADING CANCER RATES BY RACE & SEX, MASSACHUSETTS 2012^[6]

NOS = not otherwise specified, IBD = intrahepatic bile duct, NHL = Non-Hodgkin Lymphoma

Cancer Incidence, 2005-2009 (Rates per 100,000)

Ranks	Non-Hispanic White				AA and NHPI			
	Males		Females		Males		Females	
1	Prostate	151.8	Breast	138.4	Prostate	74.8	Breast	80.6
2	Bronchus & Lung	83.6	Bronchus & Lung	68.4	Bronchus & Lung	55.5	Colon/Rectum	39.0
3	Colon / Rectum	53.6	Colon/Rectum	40.5	Colon / Rectum	40.0	Thyroid	32.3
4	Urinary Bladder	47.3	Corpus & Uterus, NOS	30.6	Liver	33.3	Bronchus & Lung	28.8
5	Melanoma	29.9	Thyroid	26.7	NHL	15.4	Corpus & Uterus, NOS	18.9

Cancer Mortality, 2005-2009 (Rates per 100,000)

Ranks	Non-Hispanic White				AA and NHPI			
	Males		Females		Males		Females	
1	Bronchus & Lung	63.9	Bronchus & Lung	44.7	Bronchus & Lung	38.5	Bronchus & Lung	17.7
2	Prostate	23.0	Breast	22.1	Liver & IBD	21.6	Colon/ Rectum	10.0
3	Colon / Rectum	19.6	Colon/ Rectum	13.8	Colon/ Rectum	13.1	Breast	8.4
4	Pancreas	13.3	Pancreas	10.2	Prostate	9.2	Pancreas	8.3
5	Esophagus	9.8	Ovary	8.7	Stomach	6.7	Liver & IBD	6.1

Source: Massachusetts Cancer Registry. Cancer Incidence and Mortality in Massachusetts 2005-2009: Statewide Report.

Asian American, Native Hawaiian, and Pacific Islander men in Massachusetts had a significantly higher rate of liver cancer compared with the other groups. It is believed that much of this increase is due to chronic hepatitis B infection acquired through maternal transmission.

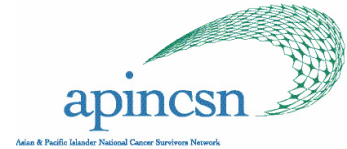
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Email: APINCSN@apiahf.org
Websites: www.apiahf.org and www.apincsn.org
Like us! www.facebook.com/apincsn



HEALTH SERVICES

Family Health Center of Worcester
26 Queen Street
Worcester, MA 01610
Tel: (508) 860-7700
Website: www.fhcw.org

Manet Community Health Center
110 West Squantum Street
North Quincy, MA 02171
Tel: (617) 376-3030
Website: www.manetchc.org

Quincy Clinic
435 Hancock Street
Quincy, MA 02171
Tel: (617) 745-0280
Website: www.sccc.org

Lowell Community Health Center
17 Warren Street
Lowell, MA 01852
Phone: (978) 746-7829
Website: www.lchealth.org

South Cove Community Health Center,
Chinatown Clinic
885 Washington Street
Boston, MA 02111
Tel: (617) 482-7555
Website: www.sccc.org
South Cove Community Health Center, North

Southeast Asian Community Clinic / Metro Boston
Asian Collaborative
265 Beach Street
Revere, MA 02151
Tel: (617) 912-7573
Website: www.northsuffolk.org/services-6.html

CANCER SUPPORT GROUPS

American Cancer Society, Central New England
Region
350 Plantation Street
Worcester, MA 01604
Tel: (508) 270-4600 or (800) ACS-2345
Website: www.cancer.org

Massachusetts Department of Health
Women's Health Network
Bureau of Community Health Access and
Promotion
250 Washington Street
Boston, MA 02108
Tel: (617) 624-5434
Website: www.mass.gov/dph/whn

National Brain Tumor Society
East Coast Office
124 Watertown Street, Suite 2D
Watertown, MA 02472
Tel: (800) 770-8287
Email: info@braintumor.org
Website: www.braintumor.org

Dana-Farber Cancer Institute
450 Brookline Avenue
Boston, MA 02215
Tel: (866) 408-DFCI
Email: Dana-FarberContactUs@dfci.harvard.edu
Website: www.dana-farber.org

The Caitlin Raymond International Registry
UMass Memorial Medical Center
55 Lake Avenue North
Worcester, MA 01655
Tel: (508) 334-8969 or (800) 726-2824
Email: info@crir.org
Website: www.crir.org

CULTURAL ORGANIZATIONS

ASPIRE (Asian Sisters Participating in Reaching
Excellence)
198 Tremont Street, Suite 187
Boston, MA 02116
Email: info@girlsaspire.org
Website: www.girlsaspire.org

Angkor Muli Services
728 Western Avenue
Lynn, MA 01905
Tel: (781) 599-1274

Asian American Civic Association
87 Tyler Street, 5th Floor
Boston, MA 02111
Tel: (617) 426-9492
Website: www.aaca-boston.org

CULTURAL ORGANIZATIONS (continued)

Asian American Resource Workshop
888 Washington Street, Suite 102
Boston, MA 02111-1446
Tel: (617) 426-5313
Email: info@aarw.org
Website: www.aarw.org

Asian Community Development Corporation
38 Oak Street
Boston, MA 02111
Tel: (617) 482-2380
Email: info@asiancdc.org
Website: www.asiancdc.org

Asian Outreach Program
Greater Boston Legal Services
197 Friend Street
Boston, MA 02114
Tel: (617) 371-1270 x 324
Website: www.gbpls.org/asian/index.htm

Asian Sisters In Action (ASIA)
P.O. Box 380331
Cambridge, MA 02238-0331
Email: asiainfo@yahoo.com
Website: www.asiasisters.org

Bangla-O-Biswa
Website: www.banglabiswa.org

Bengalees of New England
Website: www.b-ne.org

Chinese Cultural Center
65 Harrison Avenue, 6th Floor
Boston, MA 02111
Tel: (617) 482-3292

Greater Boston Chinese Cultural Association
437 Cherry Street
West Newton, MA 02465
Tel: (617) 332-0377
Website: www.gbcca.org

Greater Boston Chinese Golden Age Center
75 Kneeland Street, Suite 204
Boston, MA 02111
Tel: (617) 357-0226
Website: www.gbcbgac.org

Gurjar – Gujarati Association of New England
Website: www.gurjar.org

Hindu Swayamsevak Sangh
Website: www.hssworld.org
Hmong Lao Foundation
405 Main Street
Fitchburg, MA 01420
Tel: (978) 342-1892

Japan Society of Boston, Inc.
420 Pond Street
Boston, MA 02130
Tel: (617) 451-0726
Email: jsb@us-japan.org
Website: www.us-japan.org/boston

Japanese Association of Greater Boston
361 Massachusetts Avenue
Arlington, MA 02474
Tel: (781) 643-1061

Kerala Association of New England
Website: www.kaneusa.org

Korean American Society of New England, Inc.
109 Medway Street
Milford, MA 01757
Tel: (508) 473-8310

Malaysian Community of Boston
Email: malaysianboston@yahoo.com
Website: www.malaysianboston.cjb.net

Massachusetts Asian and Pacific Islanders for Health
322 Tremont Street
Boston, MA 02116
Tel: (617) 426-6755
Website: www.maphealth.org

Massachusetts Asian American Commission
105 Chauncy Street
Boston, MA 02111
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National Association of Asian American Professionals/Boston Chapter (NAAAP Boston)
P.O. Box 51922
Boston, MA 02205
Tel: (617) 227-1113
Email: info@naaapboston.org
Website: www.naaapboston.org

New England Kannada Koota
Website: www.nekk.org

New England Marathi Mandal
Website: www.nemm.org

New England Tamil Sangam
6 Macleod Way
Boxborough, MA 01719
Email: tamil@netamilsangam.org
Website: www.netamilsangam.org

Pakistan Association of Greater Boston
86 Tisdale Drive
Dover, MA 02030
Email: contact@pagb.org
Website: www.pagb.org

Patidar Samaj of New England
Website: www.patidarsamajofne.org

Prabasi
Website: www.prabasione.org

Queer Asian Pacific-Islander Alliance
Email: qapa@qapa.org
Website: www.qapa.org

Quincy Asian Resources
1509 Hancock Street, Suite 209
Quincy, MA 02169
Tel: (617) 472-2200
Email: info@quincyasianresources.org
Website: www.quincyasianresources.org

Saheli
P.O. Box 1345
Burlington, MA 01803
Tel: 1-866-4SAHELI (472-4354)
Email: sahelihelp@gmail.com
Website: www.saheliboston.org

South Asian Women for Action
Website: www.way.net/sawa

Southeast Asian Bilingual Advocates, Inc.
PO Box 1684
Lowell, MA 01853
Tel: (256) 668-8425 or (888) 501-3018

Southeast Asian Coalition of Central Massachusetts
120 Chandler Street, Suite 1L
Worcester, MA 01609
Tel: (508) 791-4373
Email: info@seacma.org
Website: www.seacma.org

Sri Lanka Association of New England
P.O. Box 442
North Chelmsford, MA 01863-0442
Tel: (508) 648-5104
Website: <http://www.slaneusa.org>

Telugu Association of Greater Boston
Website: www.tagb.org

Vietnamese-American Civic Association
1452 Dorchester Avenue, 3rd Floor
Dorchester, MA 02122
Tel: (617) 288-7344
Email: youth@vacaboston.org
Website: <http://www.vacaboston.org>
Website: <http://www.vhp-america.org>

Vishwa Hindu Parishad of America
Email: pres_boston@vhp-america.org

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

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