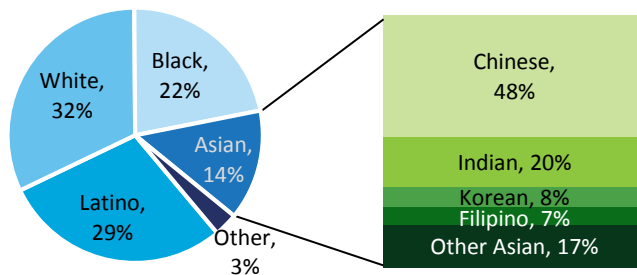


Health Disparities among Asian New Yorkers

An estimated 1.2 million Asians live in New York City (NYC), representing 14% of the city's overall population.¹ Nationally, Asians are the fastest growing of all major racial/ethnic groups; in NYC, the Asian population has increased 53% since 2000.² As a group, Asians tend to have more favorable health behaviors and outcomes when compared with the overall population.³ However, Asian New Yorkers are a heterogeneous population, comprised of dozens of different ethnic groups with unique languages and diverse cultures. Additionally, due to differences in immigration patterns and the impacts of colonialism on some Asian countries, sociodemographic characteristics, health behaviors, and health outcomes among different Asian groups may vary substantially. Despite these differences, Asians are frequently viewed and reported on as a homogeneous, monolithic group. Due to limitations in data collection, disparities among Asian ancestry groups are often understudied, preventing us from recognizing and addressing the health needs and challenges faced by underserved Asian ancestry groups. Some Asian groups such as South Asians have higher risk for hypertension, heart disease and diabetes when compared with other Asian groups.⁵ To better understand the health of Asian New Yorkers, this report highlights differences in health care access, health behaviors, and health outcomes among New Yorkers from different Asian ancestry groups (see definitions box for the Asian ancestry groups in this report).

Characteristics of Asian New Yorkers^A

Racial/ethnic groups and Asian ancestry groups, New York City, 2015



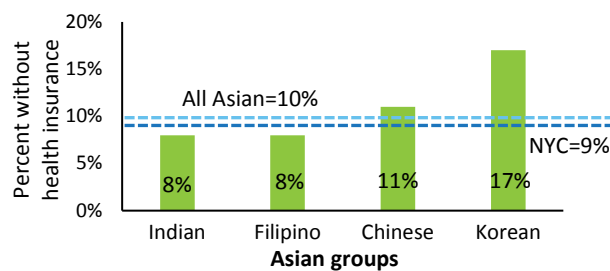
Note: White, Black, Asian/Pacific Islander race categories exclude Latino ethnicity. Latino includes Hispanic or Latino of any race. Other Asian includes Bangladeshi, Pakistani, Nepali and all other Asian ancestries.

Source: American Community Survey, 2015

- A larger share of Chinese adults (25 years and older) had attained less than high school education (34%) compared with Indian (21%), Korean (9%), and Filipino adults (5%).
- Among Asian New Yorkers, Koreans were more likely to be uninsured (17%) compared with Chinese (11%), Indian (8%), and Filipino New Yorkers (8%).

- In 2015, the largest Asian group in NYC was Chinese (48%), followed by Indian (20%), Korean (8%), Filipino (7%), and Other Asian (17%).
- Chinese New Yorkers were more likely to have limited English proficiency (61%) followed by Koreans (52%), Indians (28%), and Filipinos (19%).

Asians without health insurance by ancestry, New York City, 2015



Note: Data are among non-institutionalized, civilian population, including children.

Source: American Community Survey, 2015

Definitions:

Asian is defined based on reported race and ethnicity as Asian/Pacific Islander in the American Community Survey (ACS) and the Community Health Survey (CHS). For the purpose of this publication, Latino includes persons of Hispanic or Latino origin, as identified by the survey questions "Are you Hispanic or Latino?" and regardless of reported race. Black, White, and Asian/Pacific Islander race categories exclude those who identified as Latino. In ACS data, **Chinese, Indian, Filipino, and Korean** groups are defined based on reported heritage or ancestry, and all other Asian ancestries are combined in **Other Asian** group. In CHS data, **Chinese, Filipino, and Korean** heritage or ancestry are self-reported. Indian, Bangladeshi, Pakistani and Nepali ancestries are grouped as **South Asian**, and **Other Asian** includes Japanese, Vietnamese and all other responses to Asian ancestry, as well as Pacific Islander.

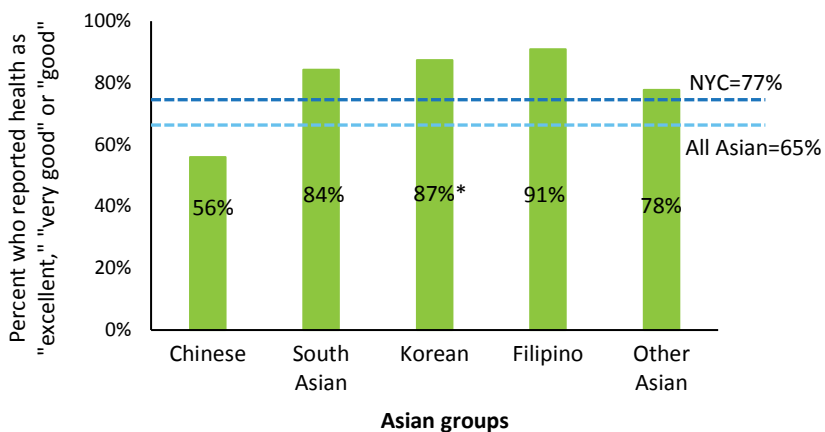
Binge drinking is defined as five drinks or more on one occasion for men and four drinks or more on one occasion for women in the past 30 days.

Overweight/obesity is defined as a body mass index greater than 25, based on self-reported weight and height.

Health behaviors, such as smoking, drinking and exercise varied by Asian ancestry^B

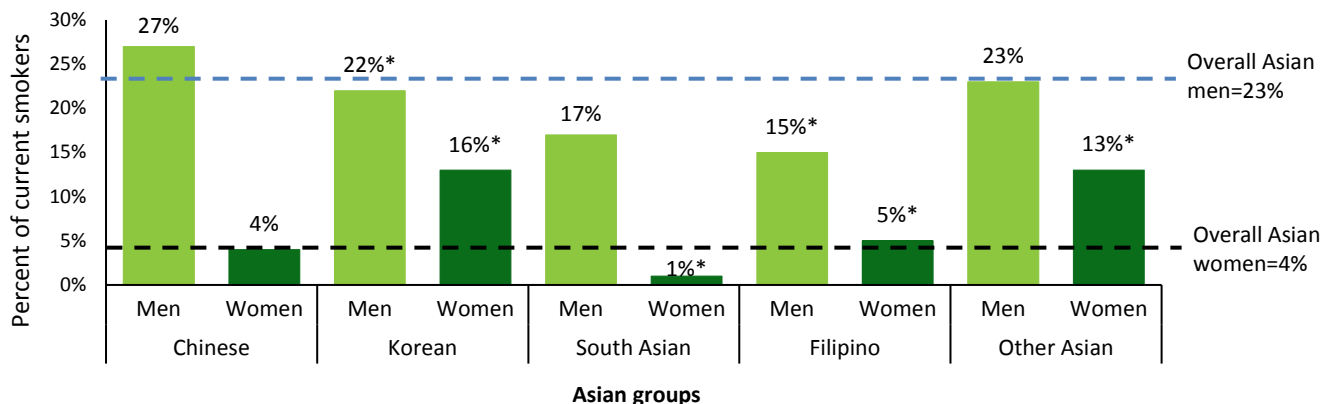
- In 2013-2015, 65% of Asians reported that they were in “excellent,” “very good,” or “good” health, which was lower than Whites (86%), Blacks (80%), and Latinos (68%). Among Asian groups, Chinese New Yorkers (56%) were least likely to rate their health as “excellent,” “very good,” or “good” compared with Filipinos (91%), Koreans (87%*), South Asians (Indian, Bangladeshi, Pakistani, or Nepali; 84%), and Other Asians (78%).
- One in three (35%) Chinese adults did not exercise in the past 30 days compared with about one in four Korean (23%), South Asians (22%), and Filipino adults (22%).
- Overall, Asians had the lowest prevalence of binge drinking alcohol (10%) compared with other racial/ethnic groups, however the prevalence varied by Asian ancestry. Korean adults were more likely to binge drink (22%) compared with South Asians (13%), Filipino (10%*), and Chinese adults (7%).
- Among the 14% of Asians who were current smokers, men were nearly five times more likely to smoke than women (23% vs. 4%). This difference between men and women was seen among Chinese and South Asians, though not among Koreans, Filipinos, and Other Asians.

Self-reported “excellent,” “very good,” or “good” health among Asian adults, by ancestry, New York City, 2013-2015



Note: Data are age-adjusted
 *Interpret estimate with caution due to small sample size
 Source: Community Health Survey, 2013-2015

Current smokers among Asian adults, by sex and ancestry, New York City, 2013-2015



Note: Data are age-adjusted *Interpret estimate with caution due to small sample size
 Source: Community Health Survey, 2013-2015

Data Sources:

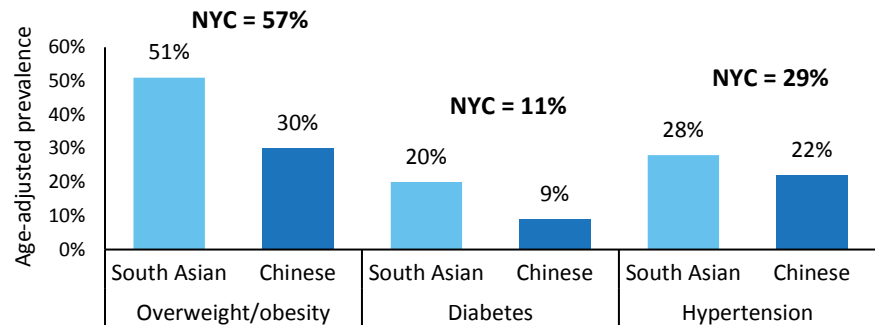
A. American Community Survey (ACS) 2015 is conducted annually by the U.S. Census Bureau. Selected Population Profile tables (S0201) comparing racial/ethnic groups and Asian ancestry groups were downloaded from [American FactFinder](#). Data for each measure shown are among different populations and age groups.

B. New York City Community Health Survey (CHS) 2013-2015 is conducted annually by the Health Department with approximately 9,000 non-institutionalized adults ages 18 and older. Pooled 2013-2015 data presented in this brief are age-adjusted to the US 2000 standard population. The CHS has included adults with landline phones since 2002 and, starting in 2009, has included adults who can be reached by cell phone. *An estimate with an asterisk should be interpreted with caution. Estimate’s Relative Standard Error (a measure of estimate precision) is greater than 30%, or the 95% Confidence Interval half-width is greater than 10 or the sample size is too small, making the estimate potentially unreliable. For more survey details, visit nyc.gov/health/survey.

Compared with Chinese New Yorkers, South Asian New Yorkers were at higher risk for overweight or obesity, hypertension and diabetes^B

- In 2013-2015, more than half of New York adults (57%) were overweight or obese. Among all racial/ethnic groups, Asians had the lowest prevalence of being overweight or obese (36%). However, Asians may be at higher risk of obesity-related diseases, such as diabetes, at lower body mass indices (BMI).⁵ Among Asians, South Asians were more overweight or obese (51%) compared with Koreans (22%*), Chinese (30%), Filipinos (33%*), or Other Asians (41%).
- South Asians were more than twice as likely as Chinese adults to have ever been told by a health care provider that they had diabetes (20% vs. 9%).
- South Asians were also more likely than Chinese and Korean New Yorkers to have ever been told by a health care provider that they had hypertension (28% vs. 22% and 16%).

Overweight/obesity, diabetes and hypertension among Chinese and South Asian adults, New York City, 2013-2015



Note: Data are age-adjusted

Source: Community Health Survey, 2013-2015

One in five Chinese New Yorkers have not used preventive dental services^B

- In 2013-2014, Chinese adults were less likely to have ever had a preventive dental cleaning compared with South Asian, Korean, and other Asian adults (80% vs. 94%, 99%* and 91%*, respectively).
- Chinese adults were less likely to have ever been tested for HIV (34%) compared with South Asians (49%), Filipino (47%*), and Other Asians (46%).
- South Asians were about twice as likely to report not getting needed medical care in the past year (14%) compared with Chinese (8%), Filipino (7%*), and Korean adults (6%*).

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5 Araneta MR, Kanaya AM, Hsu WC, et al. Optimum BMI cut points to screen Asian Americans for Type 2 Diabetes. Diabetes Care 2015 May;38(5):814-820.

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Epi Data Tables

March 2018, No. 100

Health Disparities among Asian New Yorkers

Data Tables

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- Table 2.** Health behaviors among Asian adults by heritage or ancestry, New York City, 2013–2015
- Table 3.** Health conditions among Asian adults by heritage or ancestry, New York City, 2013–2015
- Table 4.** Health care utilization among Asian adults by heritage or ancestry, New York City, 2013–2015

Data Sources

American Community Survey (ACS) 2015 is conducted annually by the U.S. Census Bureau. Selected Population Profile tables (S0201) comparing racial/ethnic groups and Asian ancestry groups were downloaded from American FactFinder: <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

NYC Community Health Survey (CHS) 2013-2015 is conducted annually by the Health Department with approximately 9,000 non-institutionalized adults ages 18 and older. Pooled 2013-2015 data presented in this brief are age-adjusted to the US 2000 standard population. The CHS has included adults with landline phones since 2002 and, starting in 2009, has included adults who can be reached by cell phone. For more survey details, visit nyc.gov/health/survey.

Table 1. Selected characteristics of some Asian ancestries (Chinese, Indian, Korean, and Filipino)¹, New York City, 2015

Source: American Community Survey, 2015

	Asian Groups	Percent	Lower 95% Confidence Interval	Upper 95% Confidence Interval	p-value	
Sex						
Male	Chinese	47.0	46.3	47.7	ref	--
	Indian	50.6	49.3	51.9	<0.001	--
	Filipino	38.9	36.4	41.4	<0.001	--
	Korean	43.9	40.9	46.9	0.047	--
Female	Chinese	53.0	52.3	53.7	ref	--
	Indian	49.4	48.1	50.7	<0.001	--
	Filipino	61.1	58.6	63.6	<0.001	--
	Korean	56.1	53.1	59.1	0.047	--
Nativity						
US-born	Chinese	28.5	27.2	29.7	ref	--
	Indian	30.1	27.9	32.4	0.205	--
	Filipino	27.4	23.2	31.6	0.632	--
	Korean	30.2	27.5	33.0	0.255	--
Foreign-born	Chinese	71.5	70.5	72.5	ref	--
	Indian	69.9	68.1	71.6	0.105	--
	Filipino	72.6	70.0	75.3	0.455	--
	Korean	69.8	66.9	72.6	0.255	--
Education²						
Less than high school	Chinese	34.2	32.5	35.9	ref	--
	Indian	21.4	19.3	23.5	<0.001	--
	Filipino	4.5	2.6	6.4	<0.001	--
	Korean	8.6	6.6	10.6	<0.001	--
Employment³						
Unemployed	Chinese	6.2	5.4	7.0	ref	--
	Indian	6.4	5.1	7.7	0.801	--
	Filipino	6.2	4.2	8.2	1.000	--
	Korean	5.6	3.3	7.9	0.626	--
Language proficiency⁴						
Speak English less than "very well"	Chinese	60.6	59.1	62.1	ref	--
	Indian	27.8	25.3	30.3	<0.001	--
	Filipino	19.1	16.1	22.1	<0.001	--
	Korean	51.5	47.0	56.0	<0.001	--
Health insurance⁵						
Uninsured	Chinese	10.7	9.4	12.0	ref	<0.001
	Indian	8.1	6.8	9.4	0.006	<0.001
	Filipino	8.4	6.3	10.5	0.073	<0.001
	Korean	17.1	13.9	20.3	<0.001	ref

Confidence Intervals (CIs) are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

Bold p-values indicate a statistically significant difference from the reference group.

¹ Asians with mixed race and Asians with Latino ethnicity are not included in the analysis. Asian ancestry groups do not include persons of mixed Asian ancestry.² Education attainment is among adults 25 years or older.³ Employment is among adults 16 years or older.⁴ English language proficiency is among persons 5 years or older.⁵ Health insurance is among non-institutionalized, civilian population, including children.

Table 2. Health behaviors among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Smoking					
Never smoker	NYC Overall	66.0	(65.2-66.7)	--	--
	Chinese	74.4	(71.9 - 76.7)	ref	--
	South Asian	74.6	(69.1 - 79.3)	0.946	--
	Filipino	70.7 *	(59.2 - 80.0)	0.506	--
	Korean	61.1 *	(48.7 - 72.2)	0.033	--
	Other Asian	68.8	(60.7 - 75.9)	0.173	--
Current smoker	NYC Overall	14.6	(14.0-15.2)	--	--
	Chinese	15.0	(13.2 - 17.0)	ref	0.503
	South Asian	11.4	(8.3 - 15.4)	0.074	0.138
	Filipino	8.7 *	(4.3 - 16.7)	0.045	0.066
	Korean	17.7	(11.3 - 26.6)	0.503	ref
	Other Asian	18.1	(12.1 - 26.3)	0.404	0.933
Former smoker	NYC Overall	19.4	(18.8-20.0)	--	--
	Chinese	10.6	(9.0 - 12.5)	ref	--
	South Asian	14.1	(10.3 - 19.0)	0.149	--
	Filipino	20.6 *	(12.1 - 33.0)	0.065	--
	Korean	21.3 *	(12.4 - 34.0)	0.058	--
	Other Asian	13.1	(8.8 - 19.0)	0.372	--
Current drinker³					
Yes	NYC Overall	54.8	(54.0-55.6)	--	--
	Chinese	36.5 ^D	(33.9 - 39.2)	ref	0.001
	South Asian	41.1	(35.6 - 46.9)	0.147	0.014
	Filipino	44.4 *	(33.4 - 56.0)	0.186	0.126
	Korean	57.0 *	(45.5 - 67.8)	0.001	ref
	Other Asian	45.0	(36.9 - 53.4)	0.054	0.094
No	NYC Overall	45.2	(44.4-46.0)	--	--
	Chinese	63.5 ^U	(60.8 - 66.1)	ref	0.001
	South Asian	58.9	(53.1 - 64.4)	0.147	0.014
	Filipino	55.6 *	(44.0 - 66.6)	0.186	0.126
	Korean	43.0 *	(32.2 - 54.5)	0.001	ref
	Other Asian	55.0	(46.6 - 63.1)	0.054	0.094

Confidence Intervals (CIs) are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

*Estimate should be interpreted with caution. Estimate's Relative Standard Error (a measure of estimate precision) is greater than 30%, or the 95% Confidence Interval half-width is greater than 10 or the sample size is too small, making the estimate potentially unreliable.

D When reporting to nearest whole percent, round down.

U When reporting to nearest whole percent, round up.

Bold p-values indicate a statistically significant difference from the reference group.

¹ Asian New Yorkers with Latino ethnicity are not included in the analysis.² Asian heritage or ancestry is self-reported and is based on the following question: "Please tell me which group best represents your Asian heritage or ancestry?". The response options are: Chinese, Asian Indian, Filipino, Korean, Japanese, Vietnamese and Something else. Asian Indian, Bangladeshi, Pakistani and Nepali ancestries are grouped as South Asian. Due to small sample size, Japanese, Vietnamese and all other Asian heritage or ancestries are categorized as Other Asian.³ Current drinker is defined as having consumed at least one alcoholic drink during the past 30 days.

Table 2. Health behaviors among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Heavy drinker⁴					
Yes	NYC Overall	5.2	(4.8-5.6)	--	--
	Chinese	2.0	(1.3 - 3.2)	ref	0.021
	South Asian	2.9 *	(1.3 - 6.2)	0.500	0.062
	Filipino	^	^	^	^
	Korean	8.4 *	(4.4 - 15.5)	0.021	ref
	Other Asian	4.2 *	(1.9 - 9.0)	0.215	0.186
	NYC Overall	94.8	(94.4-95.2)	--	--
No	Chinese	98.0	(96.8 - 98.7)	ref	0.021
	South Asian	97.1 *	(93.8 - 98.7)	0.500	0.062
	Filipino	^	^	^	^
	Korean	91.6 *	(84.5 - 95.6)	0.021	ref
	Other Asian	95.8 *	(91.0 - 98.1)	0.215	0.186
	NYC Overall	82.6	(82.0-83.3)	--	--
	Chinese	92.6	(90.9 - 94.1)	ref	< 0.001
South Asian	86.7	(82.6 - 90.0)	0.004	0.046	
Filipino	90.3 *	(81.8 - 95.0)	0.477	0.017	
Korean	77.6	(68.4 - 84.7)	< 0.001	ref	
Other Asian	83.7	(76.4 - 89.0)	0.006	0.250	
Binge drinker⁵					
Yes	NYC Overall	17.4	(16.7-18.0)	--	--
	Chinese	7.4	(5.9 - 9.1)	ref	< 0.001
	South Asian	13.3	(10.0 - 17.4)	0.004	0.046
	Filipino	9.7 *	(5.0 - 18.2)	0.477	0.017
	Korean	22.4	(15.3 - 31.6)	< 0.001	ref
	Other Asian	16.3	(11.0 - 23.6)	0.006	0.250
	NYC Overall	82.6	(82.0-83.3)	--	--
No	Chinese	92.6	(90.9 - 94.1)	ref	< 0.001
	South Asian	86.7	(82.6 - 90.0)	0.004	0.046
	Filipino	90.3 *	(81.8 - 95.0)	0.477	0.017
	Korean	77.6	(68.4 - 84.7)	< 0.001	ref
	Other Asian	83.7	(76.4 - 89.0)	0.006	0.250
	NYC Overall	82.6	(82.0-83.3)	--	--
	Chinese	92.6	(90.9 - 94.1)	ref	< 0.001
South Asian	86.7	(82.6 - 90.0)	0.004	0.046	
Filipino	90.3 *	(81.8 - 95.0)	0.477	0.017	
Korean	77.6	(68.4 - 84.7)	< 0.001	ref	
Other Asian	83.7	(76.4 - 89.0)	0.006	0.250	

Confidence Intervals (CIs) are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

*Estimate should be interpreted with caution. Estimate's Relative Standard Error (a measure of estimate precision) is greater than 30%, or the 95% Confidence Interval half-width is greater than 10 or the sample size is too small, making the estimate potentially unreliable.

^ Data are suppressed due to imprecise and unreliable estimates.

Bold p-values indicate a statistically significant difference from the reference group.

¹. Asian New Yorkers with Latino ethnicity are not included in the analysis.². Asian heritage or ancestry is self-reported and is based on the following question: "Please tell me which group best represents your Asian heritage or ancestry?". The response options are: Chinese, Asian Indian, Filipino, Korean, Japanese, Vietnamese and Something else. Asian Indian, Bangladeshi, Pakistani and Nepali ancestries are grouped as South Asian. Due to small sample size, Japanese, Vietnamese and all other Asian heritage or ancestries are categorized as Other Asian.⁴. Heavy drinker is defined as having consumed > 2 alcoholic drinks per day for men or consumed > 1 alcoholic drink per day for women during the past 30 days.⁵. Binge drinker is defined as having consumed 5 or more alcoholic drinks for men on one occasion and 4 or more alcoholic drinks for women during the past 30 days.

Table 2. Health behaviors among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Exercise in the past 30 days					
Yes	NYC Overall	74.8	(74.1-75.5)	--	--
	Chinese	64.9	(62.2 - 67.4)	ref	--
	South Asian	77.6	(72.6 - 81.9)	< 0.001	--
	Filipino	78.0	(67.4 - 85.9)	0.008	--
	Korean	76.6	(65.8 - 84.8)	0.020	--
	Other Asian	71.4	(63.1 - 78.4)	0.116	--
No	NYC Overall	25.2	(24.5-25.9)	--	--
	Chinese	35.1	(32.6 - 37.8)	ref	--
	South Asian	22.4	(18.1 - 27.4)	< 0.001	--
	Filipino	22.0	(14.1 - 32.6)	0.008	--
	Korean	23.4	(15.2 - 34.2)	0.020	--
	Other Asian	28.6	(21.6 - 36.9)	0.116	--
Physical activity⁶ (2013-2014)					
Inactive/Insufficiently active	NYC Overall	31.7	(30.7 - 32.7)	--	--
	Chinese	40.7	(37.0 - 44.6)	ref	--
	South Asian	31.4	(24.6 - 39.2)	0.027	--
	Filipino	43.6 *	(32.8 - 55.1)	0.634	--
	Korean	24.0 *	(13.8 - 38.3)	0.011	--
	Other Asian	43.2 *	(32.7 - 54.3)	0.676	--
Sufficiently active	NYC Overall	68.3	(67.3-69.3)	--	--
	Chinese	59.3	(55.4 - 63.0)	ref	--
	South Asian	68.6	(60.8 - 75.4)	0.027	--
	Filipino	56.4 *	(44.9 - 67.2)	0.634	--
	Korean	76.0 *	(61.7 - 86.2)	0.011	--
	Other Asian	56.8 *	(45.7 - 67.3)	0.676	--

Confidence Intervals (CIs) are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

*Estimate should be interpreted with caution. Estimate's Relative Standard Error (a measure of estimate precision) is greater than 30%, or the 95% Confidence Interval half-width is greater than 10 or the sample size is too small, making the estimate potentially unreliable.

Bold p-values indicate a statistically significant difference from the reference group.

¹ Asian New Yorkers with Latino ethnicity are not included in the analysis.

² Asian heritage or ancestry is self-reported and is based on the following question: "Please tell me which group best represents your Asian heritage or ancestry?". The response options are: Chinese, Asian Indian, Filipino, Korean, Japanese, Vietnamese and Something else. Asian Indian, Bangladeshi, Pakistani and Nepali ancestries are grouped as South Asian. Due to small sample size, Japanese, Vietnamese and all other Asian heritage or ancestries are categorized as Other Asian.

⁶ The 2008 *Physical Activity guidelines for Americans* recommends at least 150 minutes of moderate intensity aerobic physical activity or equivalent exercise per week for adults for long term health benefits. Adults who meet the physical activity guidelines are defined as sufficiently active, while those who are inactive or do not meet the physical activity guidelines are considered as inactive/insufficiently active.

Table 3. Health conditions among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Self-reported health status					
Excellent/Very good/Good	NYC Overall	77.5 ^D	(76.8-78.1)	--	--
	Chinese	56.0	(53.4 - 58.6)	ref	--
	South Asian	84.3	(79.6 - 88.1)	< 0.001	--
	Filipino	90.9	(84.7 - 94.8)	< 0.001	--
	Korean	87.4 [*]	(76.5 - 93.6)	< 0.001	--
	Other Asian	77.8	(70.0 - 84.0)	< 0.001	--
Fair/Poor	NYC Overall	22.5 ^U	(21.9-23.2)	--	--
	Chinese	44.0	(41.4 - 46.6)	ref	--
	South Asian	15.7	(11.9 - 20.4)	< 0.001	--
	Filipino	9.1	(5.2 - 15.3)	< 0.001	--
	Korean	12.6 [*]	(6.4 - 23.5)	< 0.001	--
	Other Asian	22.2	(16.0 - 30.0)	< 0.001	--
Body mass index (BMI)					
Normal/underweight (BMI < 25)	NYC Overall	42.7	(41.9-43.6)	--	--
	Chinese	70.2	(67.4 - 72.8)	ref	< 0.001
	South Asian	49.0	(43.5 - 54.5)	< 0.001	ref
	Filipino	66.6 [*]	(54.7 - 76.7)	0.541	0.006
	Korean	77.7 [*]	(63.4 - 87.5)	0.234	< 0.001
	Other Asian	59.0	(51.3 - 66.4)	0.007	0.036
Overweight/obese (BMI ≥ 25)	NYC Overall	57.3	(56.4-58.1)	--	--
	Chinese	29.8	(27.2 - 32.6)	ref	< 0.001
	South Asian	51.0	(45.5 - 56.5)	< 0.001	ref
	Filipino	33.4 [*]	(23.3 - 45.3)	0.541	0.006
	Korean	22.3 [*]	(12.5 - 36.6)	0.234	< 0.001
	Other Asian	41.0	(33.6 - 48.7)	0.007	0.036

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U When reporting to nearest whole percent, round up.

Bold p-values indicate a statistically significant difference from the reference group.

¹ Asian New Yorkers with Latino ethnicity are not included in the analysis.² Asian heritage or ancestry is self-reported and is based on the following question: "Please tell me which group best represents your Asian heritage or ancestry?". The response options are: Chinese, Asian Indian, Filipino, Korean, Japanese, Vietnamese and Something else. Asian Indian, Bangladeshi, Pakistani and Nepali ancestries are grouped as South Asian. Due to small sample size, Japanese, Vietnamese and all other Asian heritage or ancestries are categorized as Other Asian.

Table 3. Health conditions among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Asian modified body mass index³ (BMI)					
Normal/underweight (BMI < 23)	Chinese	51.3	(48.5 - 54.2)	ref	< 0.001
	South Asian	29.9	(25.0 - 35.3)	< 0.001	ref
	Filipino	49.0 *	(38.6 - 59.5)	0.672	0.002
	Korean	54.7 *	(40.7 - 68.0)	0.642	0.001
	Other Asian	39.1	(31.9 - 46.8)	0.003	0.048
Overweight/obese (BMI ≥ 23)	Chinese	48.7	(45.8 - 51.5)	ref	< 0.001
	South Asian	70.1	(64.7 - 75.0)	< 0.001	ref
	Filipino	51.0 *	(40.5 - 61.4)	0.672	0.002
	Korean	45.3 *	(32.0 - 59.3)	0.642	0.001
	Other Asian	60.9	(53.2 - 68.1)	0.003	0.048
Hypertension					
Yes	NYC Overall	28.6	(28.0-29.2)	--	--
	Chinese	21.5 ^U	(19.6 - 23.6)	ref	0.014
	South Asian	28.0	(23.5 - 33.0)	0.014	ref
	Filipino	31.5 ^{*U}	(21.2 - 44.0)	0.096	0.580
	Korean	16.2	(8.8 - 27.9)	0.279	0.029
	Other Asian	24.3	(18.3 - 31.6)	0.428	0.383
No	NYC Overall	71.4	(70.8-72.0)	--	--
	Chinese	78.5 ^D	(76.4 - 80.4)	ref	0.014
	South Asian	72.0	(67.0 - 76.5)	0.014	ref
	Filipino	68.5 ^{*D}	(56.0 - 78.8)	0.096	0.580
	Korean	83.8	(72.1 - 91.2)	0.279	0.029
	Other Asian	75.7	(68.4 - 81.7)	0.428	0.383

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³ Asian modified body mass indices (BMI) are designed to account for increased health risk at lower BMIs for those of Asian ancestry. Overweight is defined as $23 \leq \text{BMI} < 25$, and obesity is defined as $\text{BMI} \geq 25$ for Asians.

Table 3. Health conditions among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Diabetes					
Yes	NYC Overall	11.1	(10.7-11.6)	--	--
	Chinese	9.1	(7.6 - 10.9)	ref	< 0.001
	South Asian	20.0	(16.1 - 24.7)	< 0.001	ref
	Filipino	13.3	(8.6 - 19.8)	0.160	0.057
	Korean	^	^	^	^
	Other Asian	15.1	(9.3 - 23.4)	0.103	0.235
	NYC Overall	88.9	(88.4-89.3)	--	--
No	Chinese	90.9	(89.1 - 92.4)	ref	< 0.001
	South Asian	80.0	(75.3 - 83.9)	< 0.001	ref
	Filipino	86.7	(80.2 - 91.4)	0.160	0.057
	Korean	^	^	^	^
	Other Asian	84.9	(76.6 - 90.7)	0.103	0.235

Confidence Intervals (CIs) are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

^ Data are suppressed due to imprecise and unreliable estimates.

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² Asian heritage or ancestry is self-reported and is based on the following question: "Please tell me which group best represents your Asian heritage or ancestry?". The response options are: Chinese, Asian Indian, Filipino, Korean, Japanese, Vietnamese and Something else. Asian Indian, Bangladeshi, Pakistani and Nepali ancestries are grouped as South Asian. Due to small sample size, Japanese, Vietnamese and all other Asian heritage or ancestries are categorized as Other Asian.

Table 4. Health care utilization among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

2013-2015 combined years analyses are weighted to the NYC adult residential population as per the 2014 American Community Survey.

Data are age adjusted to the 2000 US Standard Population.

	NYC & Asian Groups	Percent	95% CI	P value	
Personal doctor or health care provider					
Yes	NYC Overall	83.0	(82.4-83.7)	--	--
	Chinese	80.3	(78.0 - 82.5)	ref	--
	South Asian	84.6	(79.4 - 88.7)	0.103	--
	Filipino	88.4 *	(79.6 - 93.7)	0.028	--
	Korean	80.7	(70.8 - 87.9)	0.930	--
	Other Asian	84.4	(78.4 - 89.0)	0.165	--
	No	NYC Overall	17.0	(16.3-17.6)	--
Chinese		19.7	(17.5 - 22.0)	ref	--
South Asian		15.4	(11.3 - 20.6)	0.103	--
Filipino		11.6 *	(6.3 - 20.4)	0.028	--
Korean		19.3	(12.1 - 29.2)	0.930	--
Other Asian		15.6	(11.0 - 21.6)	0.165	--
Did not get needed care in the past 12 months					
Yes	NYC Overall	10.2	(9.7-10.7)	--	--
	Chinese	7.8	(6.4 - 9.5)	ref	0.006
	South Asian	14.1	(10.4 - 18.8)	0.006	ref
	Filipino	6.6 *	(3.2 - 13.1)	0.639	0.020
	Korean	5.8 *	(2.5 - 13.0)	0.433	0.011
	Other Asian	13.3	(7.8 - 21.6)	0.122	0.848
	No	NYC Overall	89.8	(89.3-90.3)	--
Chinese		92.2	(90.5 - 93.6)	ref	0.006
South Asian		85.9	(81.2 - 89.6)	0.006	ref
Filipino		93.4 *	(86.9 - 96.8)	0.639	0.020
Korean		94.2 *	(87.0 - 97.5)	0.433	0.011
Other Asian		86.7	(78.4 - 92.2)	0.122	0.848

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Table 4. Health care utilization among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

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	NYC & Asian Groups	Percent	95% CI	P value	
Preventive dental cleaning (2013-2014)					
Within past 1 year	NYC Overall	60.0	(58.9-61.0)	--	--
	Chinese	43.8	(40.2 - 47.5)	ref	--
	South Asian	53.1	(45.8 - 60.2)	0.025	--
	Filipino	66.9 *	(54.1 - 77.7)	< 0.001	--
	Korean	70.0 *	(56.8 - 80.5)	< 0.001	--
	Other Asian	48.5 * ^U	(38.3 - 58.8)	0.403	--
1 year ago but less than 2 years ago	NYC Overall	17.0	(16.2-17.8)	--	--
	Chinese	14.9	(12.5 - 17.8)	ref	--
	South Asian	22.7	(17.1 - 29.3)	0.023	--
	Filipino	23.2 *	(13.9 - 36.1)	0.157	--
	Korean	16.1 *	(8.3 - 28.7)	0.831	--
	Other Asian	18.3	(12.2 - 26.5)	0.385	--
2 or more years ago	NYC Overall	19.3	(18.5-20.1)	--	--
	Chinese	21.4	(18.6 - 24.6)	ref	--
	South Asian	18.2	(13.1 - 24.6)	0.319	--
	Filipino	9.8 *	(5.3 - 17.7)	0.001	--
	Korean	13.2 *	(6.5 - 25.0)	0.088	--
	Other Asian	24.7	(16.4 - 35.4)	0.527	--
Never	NYC Overall	3.8	(3.4-4.2)	--	--
	Chinese	19.8	(17.0 - 22.9)	ref	--
	South Asian	6.1	(3.5 - 10.6)	< 0.001	--
	Filipino	0.0 ¶	--	< 0.001	--
	Korean	0.8 *	(0.2 - 3.3)	< 0.001	--
	Other Asian	8.5 * ^U	(4.3 - 16.2)	0.001	--

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Table 4. Health care utilization among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

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	NYC & Asian Groups	Percent	95% CI	P value	
Ever tested for HIV					
Yes	NYC Overall	62.6	(61.8-63.4)	--	--
	Chinese	34.5 ^D	(31.9 - 37.2)	ref	--
	South Asian	48.8	(43.3 - 54.4)	< 0.001	--
	Filipino	46.6 [*]	(35.7 - 57.8)	0.040	--
	Korean	38.6	(29.2 - 48.9)	0.440	--
	Other Asian	46.2	(38.2 - 54.4)	0.008	--
No	NYC Overall	37.4	(36.6-38.2)	--	--
	Chinese	65.5 ^U	(62.8 - 68.1)	ref	--
	South Asian	51.2	(45.6 - 56.7)	< 0.001	--
	Filipino	53.4 [*]	(42.2 - 64.3)	0.040	--
	Korean	61.4	(51.1 - 70.8)	0.440	--
	Other Asian	53.8	(45.6 - 61.8)	0.008	--
Flu shot in the past 12 months					
Yes	NYC Overall	42.6	(41.8-43.4)	--	--
	Chinese	43.7	(41.0 - 46.4)	ref	--
	South Asian	46.2	(40.6 - 51.9)	0.438	--
	Filipino	60.2 [*]	(48.6 - 70.8)	0.005	--
	Korean	36.6 [*]	(25.5 - 49.2)	0.258	--
	Other Asian	43.0	(35.0 - 51.3)	0.874	--
No	NYC Overall	57.4	(56.6-58.2)	--	--
	Chinese	56.3	(53.6 - 59.0)	ref	--
	South Asian	53.8	(48.1 - 59.4)	0.438	--
	Filipino	39.8 [*]	(29.2 - 51.4)	0.005	--
	Korean	63.4 [*]	(50.8 - 74.5)	0.258	--
	Other Asian	57.0	(48.7 - 65.0)	0.874	--

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Table 4. Health care utilization among Asian adults¹ by heritage or ancestry², New York City, 2013–2015

Source: NYC Community Health Survey, 2013-2015.

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	NYC & Asian Groups	Percent	95% CI	P value	
Ever had a colonoscopy (among 50+)					
Yes	NYC Overall	73.1	(72.1-74.2)	--	--
	Chinese	70.3	(66.2 - 74.0)	ref	--
	South Asian	65.1	(55.5 - 73.5)	0.303	--
	Filipino	68.4 *	(53.6 - 80.3)	0.801	--
	Korean	47.8 *	(22.3 - 74.5)	0.132	--
	Other Asian	59.1 *	(44.7 - 72.2)	0.136	--
No	NYC Overall	26.9	(25.8-27.9)	--	--
	Chinese	29.7	(26.0 - 33.8)	ref	--
	South Asian	34.9	(26.5 - 44.5)	0.303	--
	Filipino	31.6 *	(19.7 - 46.4)	0.801	--
	Korean	52.2 *	(25.5 - 77.7)	0.132	--
	Other Asian	40.9 *	(27.8 - 55.3)	0.136	--
Colonoscopy within the last 10 years (among 50+)					
Yes	NYC Overall	69.4	(68.3 - 70.5)	--	--
	Chinese	69.3	(65.2 - 73.1)	ref	0.054
	South Asian	58.0 *	(46.9 - 68.3)	0.054	ref
	Filipino	64.8 *	(50.1 - 77.1)	0.534	0.448
	Korean	47.8 *	(22.3 - 74.5)	0.150	0.520
	Other Asian	59.1 *	(44.7 - 72.2)	0.173	0.898
No	NYC Overall	30.6	(29.5 - 31.7)	--	--
	Chinese	30.7	(26.9 - 34.8)	ref	0.054
	South Asian	42.0 *	(31.7 - 53.1)	0.054	ref
	Filipino	35.2 *	(22.9 - 49.9)	0.534	0.448
	Korean	52.2 *	(25.5 - 77.7)	0.150	0.520
	Other Asian	40.9 *	(27.8 - 55.3)	0.173	0.898

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