Epi Data Tables

Perceived Access to Fresh Fruits and Vegetables
in New York City, 2011

Data Tables

Table 1.   Access to fruits and vegetables, perceived quality and cost, by select demographics, New York City, 2011

Table 2.   Race/ethnicity and poverty level of New Yorkers in high and low obesity neighborhoods, New York City, 2011

Data Source

The New York City (NYC) Physical Activity and Transit Survey (PAT) 2011 was conducted by the Health Department in 2010-2011 to better understand patterns of physical activity and other factors that facilitate a healthy lifestyle. Approximately 3800 adults aged 18 and older completed the survey. Data presented in this Brief are age adjusted to the US 2000 Standard population. The survey was made possible in part by funding from the Department of Health and Human Services**.**

To access the related Epi Data Brief, go to http://www.nyc.gov/html/doh/downloads/pdf/epi/databrief49.pdf

Table 1. Access to fruits and vegetables, perceived quality and cost, by select demographics, New York City, 2011

Source: NYC Physical Activity and Transit Survey, 2011

Characteristic	Nearest store is a <10 minute walk			'Rarely' or 'never' travel outside ones neighborhood to go to a supermarket			Excellent perceived quality			Perceived cost is 'just about right' or 'inexpensive'		
	Percent	95% Confidence Interval	T-test p-value	Percent	95% Confidence Interval	T-test p-value	Percent	95% Confidence Interval	T-test p-value	Percent	95% Confidence Interval	T-test p-value
Overall	78.6	(76.6 - 80.4)		32.8	(30.6 - 35.1)		24.4	(22.4 - 26.5)		37.8	(35.4 - 40.2)	
Race/ethnicity												
White, non-Hispanic	81.9	(78.9 - 84.5)	ref	40.6	(36.4 - 44.8)	ref	32.8	(28.9 - 37.0)	ref	33.3	(29.4 - 37.4)	ref
Black, non-Hispanic	75.7	(71.4 - 79.6)	**0.015**	33.0	(28.6 - 37.8)	0.067	14.2	(11.3 - 17.7)	**<0.001**	36.5	(32.0 - 41.2)	0.309
Hispanic	80.0	(75.7 - 83.8)	0.468	21.2	(17.7 - 25.2)	**<0.001**	19.9	(16.4 - 24.0)	**<0.001**	36.0	(31.5 - 40.7)	0.393
Asian, non-Hispanic	71.0	(64.0 - 77.2)	**0.003**	36.4	(29.8 - 43.6)	0.085	25.9	(19.6 - 33.4)	0.094	54.9	(47.7 - 61.9)	**<0.001**
Other	75.6*	(63.2 - 84.8)	0.271	28.3	(16.9 - 43.2)	**0.048**	28.4	(19.6 - 39.3)	0.427	35.1	(22.5 - 50.1)	0.812
Household poverty◊												
High poverty (<200% FPL)	76.7	(73.3 - 79.8)	**0.045**	31.0	(27.6 - 34.7)	0.676	21.1	(18.1 - 24.4)	**<0.001**	35.6	(31.9 - 39.4)	0.798
Medium poverty (200% - <400% FPL)	77.7	(73.1 - 81.6)	0.176	30.0	(24.9 - 35.7)	0.424	20.5	(16.0 - 26.0)	**<0.001**	41.6	(35.9 - 47.6)	0.150
Low poverty (≥400% FPL)	81.4	(77.9 - 84.4)	ref	34.8	(30.6 - 39.4)	ref	32.5	(28.3 - 37.0)	ref	36.3	(32.2 - 40.7)	ref
Borough												
Bronx	78.8	(74.3 - 82.7)	**<0.001**	27.2	(22.6 - 32.3)	**0.008**	19.3	(15.6 - 23.7)	**<0.001**	35.2	(30.3 - 40.3)	0.833
Brooklyn	76.8	(72.7 - 80.5)	**<0.001**	37.5	(33.3 - 41.9)	0.794	21.8	(18.4 - 25.5)	**<0.001**	37.1	(32.9 - 41.6)	0.738
Manhattan	93.4	(90.6 - 95.4)	ref	38.8	(33.5 - 44.3)	ref	33.7	(28.5 - 39.2)	ref	36.0	(30.7 - 41.5)	ref
Queens	75.7	(71.5 - 79.4)	**<0.001**	27.2	(23.3 - 31.5)	**0.002**	23.3	(19.6 - 27.4)	**0.002**	42.3	(37.7 - 47.1)	0.081
Staten Island	46.2	(39.1 - 53.4)	**<0.001**	27.9	(21.5 - 35.5)	**0.007**	22.8	(17.0 - 29.9)	**0.011**	32.3	(25.9 - 39.4)	0.405
BMI												
Low/healthy weight	81.4	(78.6 - 83.9)	ref	37.5	(34.0 - 41.2)	ref	26.9	(23.7 - 30.4)	ref	38.7	(35.1 - 42.5)	ref
Overweight	82.4	(79.4 - 85.0)	0.600	31.6	(27.9 - 35.6)	0.105	24.3	(20.9 - 28.2)	0.309	38.7	(34.7 - 42.9)	0.994
Obese	71.1	(66.1 - 75.5)	**<0.001**	26.8	(22.5 - 31.6)	0.064	21.5	(17.7 - 25.9)	**0.045**	36.9	(32.0 - 42.1)	0.580
Neighborhood Obesity												
High	75.4	(72.4 - 78.2)	**0.008**	28.7	(25.6 - 32.1)	**0.006**	19.0	(16.4 - 21.8)	**<0.001**	37.3	(34.0 - 40.8)	0.823
Low	80.6	(78.0 - 83.0)	ref	35.6	(32.6 - 38.8)	ref	28.2	(25.4 - 31.3)	ref	37.8	(34.6 - 41.1)	ref

95% confidence intervals are a measure of estimate precision. The wider the interval the more imprecise the estimate.

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

◊Household poverty is based on total people per household and their net income compared to the federal poverty level (FPL).

Data are age-adjusted to the United States 2000 Standard Population.

Table 2. Race/ethnicity and poverty level of New Yorkers in high and low obesity neighborhoods, New York City, 2011

Source: NYC Physical Activity and Transit Survey, 2011

| Characteristic | High obesity neighborhood | | Low obesity neighborhood | | x^2 P-Value |
	Percent	95% Confidence Interval	Percent	95% Confidence Interval	
Overall	41.2	(38.9 - 43.4)	58.8	(56.6 - 61.1)	
Race/ethnicity					
White, non-Hispanic	21.2	(18.5 - 24.2)	46.3	(43.1 - 49.4)	**<0.01**
Black, non-Hispanic	35.7	(32.6 - 39.1)	12.5	(10.6 - 14.6)	
Hispanic	32.6	(29.5 - 35.9)	22.2	(19.5 - 25.2)	
Asian, non-Hispanic	7.8	(6.0 - 10.1)	17.4	(14.9 - 20.2)	
Other	2.6	(1.8 - 3.8)	1.7	(1.1 - 2.6)	
Household poverty◊					
High poverty (<200% FPL)	50.8	(47.2 - 54.3)	38.7	(35.3 - 42.1)	**<0.01**
Medium poverty (200% - <400% FPL)	18.4	(15.8 - 21.3)	13.7	(11.8 - 16.0)	
Low poverty (≥400% FPL)	21.2	(18.5 - 24.1)	37.5	(34.4 - 40.6)	

95% confidence intervals are a measure of estimate precision. The wider the interval the more imprecise the estimate.

◊Household poverty is based on total people per household and their net income compared to the federal poverty level (FPL).

Data are age-adjusted to the United States 2000 Standard Population.

P-values are reported from chi-square (x^2) significance tests, which test the difference in the distribution of race/ethnicity and household income between the two neighborhood types (high obesity and low obesity). Significant p-values ($p<0.05$) are bolded.