

November
2019

New York City Health Opinion Poll (NYC HOP) Topline Reports

Findings from HOP2

Field dates from April 16 to May 10, 2019

Bureau of Epidemiology Services
Department of Health and Mental Hygiene



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Summary of Key Findings

Antibiotic use, knowledge, and awareness of antibiotic resistance

- Less than half of respondents (41.7%) said that it is unacceptable to keep a supply of antibiotics for future use. However, most respondents said that it is unacceptable to get antibiotics from friends or family without a prescription (73.1%) or from a bodega or deli (72.7%).
- Over one-third of respondents (39.6%) knew that antibiotics can only treat infections caused by bacteria, while 44.1% thought antibiotics can treat both bacterial and viral infections.
- Few respondents thought that antibiotics are never or almost never needed to treat bronchitis (11.7%). More thought that antibiotics are never or almost never needed to treat a cough lasting more than one week (22.4%) or a stuffy nose with yellow or green snot (29.4%).
- Nearly half of respondents (49.2%) said they had heard a lot or a fair amount about antibiotic resistance. Most (53.0%) knew that if people take antibiotics when they do not need to, antibiotics will not work as well for other people in the future. The majority (67.7%) were concerned that antibiotic resistance could affect their health or their family's health.

Medical devices in emergencies

- Among the 15.5% of respondents who use a medical device that is important for their health and that requires electrical power to operate, 52.6% said they have a plan to run the device during a power outage and 56.1% said they were registered to receive notification if the power goes out from Con Edison, PSEG, or another utility services.

Permanent inking and needling procedures

- Nearly one-third of respondents (31.4%) said they have had a tattooing procedure, 8.8% said they had a microblading or permanent makeup procedure, 7.9% said they have had a microneedling procedure, and 5.3% said they have had a scalp micropigmentation or hair tattooing procedure.
- Among respondents who have had a permanent inking procedure done, 16.7% said they have had a tattoo, permanent makeup, or hair tattoo removed. Of those, 54.0% had the most recent ink removed by laser, 28.5% by tattoo removal cream, and 7.0% by some other method, and the remainder said they did not know how it was removed.

- Among respondents who have had a permanent inking procedure done, 13.6% said they have had a bad reaction, such as infection, allergic reaction or excessive scarring.

Marijuana use and public opinions about marijuana

- Over one-quarter of respondents (27.3%) said they had used marijuana in the past 12 months. Among those respondents, they reported using marijuana on an average of 9.9 days out of the past 30 days. Most (85.6%) said they smoked it, 40.1% said they vaporized it, 34% said they ate it, and 22.3% said they dabbed it (meaning they used a concentrated marijuana product, butane hash oil, or wax).
- Among respondents who said they used marijuana in the past 12 months, nearly one in ten (9.7%) said they had interacted with New York City Police Department for having or using marijuana. The most common outcome of these interactions was a ticket or citation (41.8%), followed by arrest (34.0%), or a verbal warning (24.2%).
- Among respondents who said they used marijuana in the past 12 months, 83.2% said they most commonly use it in a private setting. However, nearly half (42.3%) said they had used marijuana in a public setting (such as in a park, on the sidewalk, or in a car) on at least one occasion in the past 12 months.
- Over three-quarters of respondents (77.9%) said that if it were legal to smoke marijuana in New York City, people should be allowed to use it in private homes. Two-thirds (67.3%) said people should be allowed to use it in indoor spaces designated for smoking marijuana, 37.0% said people should be allowed to use it in public spaces where tobacco use is legal, and 19.3% said people should be allowed to use it anywhere, without restrictions.
- Most respondents (55.8%) agreed that if marijuana becomes legal, people's criminal records for using or selling marijuana should be expunged. Nearly half (49.4%) agreed that people should be allowed to grow marijuana at home for personal use.
- Over one-third (36.8%) thought that public marijuana use is a nuisance in the area where they live. Six percent had called the police or 311 about people smoking marijuana in public.

Methodology

The *Health Opinion Poll (HOP)* was designed by researchers at the New York City (NYC) Department of Health and Mental Hygiene (DOHMH) Bureau of Epidemiology Services. The purpose of this poll is to assess: 1) New Yorkers' awareness, acceptance, and use (or barriers to use) of DOHMH programs, 2) their knowledge, opinions, and attitudes about health, health care, and health-related policies and 3) their opinions about public events as they are related to health.

The second wave of polling, HOP2, was conducted online by EMI Research Solutions, under the direction of OnCall and Public Health Solutions, on behalf of DOHMH from April 16 – May 10, 2019 among a sample of 1195 English- and Spanish-speaking adults aged 18 and above who live in NYC. Participants were sampled from five opt-in (non-probability based) online panels from across NYC. The five panels were selected to recruit from a variety of demographic, socioeconomic, attitudinal, and behavioral characteristics. People without internet access could not be included. There was a participation rate of 2.3%, where participation rates are defined as “the number of respondents who have provided a usable response divided by the total number of initial personal invitations requesting participation,”¹ and are calculated using the American Association for Public Opinion Research (AAPOR) [response rate calculator](#).

Questionnaires were self-administered online and took 12.1 minutes to complete on average. Survey respondents were incentivized for their time with the cash or cash equivalent of approximately \$1.50 - \$2.50. The survey included two questions to assess whether respondents were paying attention. They were excluded from completing the survey if they did not correctly answer the first question; they were retained even if they did not correctly answer the second question. One respondent incorrectly answered the second question. Respondents were excluded if the total time spent answering the survey was less than 225 seconds (“speeding”); 5 respondents were removed due to speeding, making the total number of respondents 1,195 in HOP2.

To enhance the representativeness of the sample, the poll was fielded using the following minimum quotas (based on US Census Bureau's 2013-2017 American Community Survey (ACS) 5-year survey data): gender (46% male and 51% female); age (11% 18-24 years, 24% 25-34 years, 34% 35-54 years, 14% 55-64 years, and 17% 65 years and above); race (32% non-Latino White, 22% non-Latino Black, 29% Latino, 13% non-Latino Asian or Pacific Islander, and maximum 6% identifying as more than one race or “other”); and borough (19% Manhattan, 17% the Bronx, 31% Brooklyn, 27% Queens, and 6% Staten Island). The final dataset was weighted using an iterative proportional fitting procedure, or “raking,” to balance the sample demographics of respondents to estimates for the NYC population data

¹ Baker R, Brick MJ, Bates NA, Battaglia M, Couper P, Dever JA, Gile KJ, Tourangeau R. 2013. Summary Report of the AAPOR Task Force on Non-probability Sampling, *Journal of Survey Statistics and Methodology* 1(2):90-143.

from US Census Bureau’s 2013-2017 ACS data on borough by age by sex, borough by race/ethnicity, and borough by education. The sample had a far smaller percent of respondents who did not complete 12th grade than the percent of respondents in NYC according to the ACS. Therefore, the control targets for the weights were adjusted upward and thus do not fully reflect the education distribution in NYC. The weighting efficiency with the education adjustment was 73%. Weights ranged from 0.10 to 7.96, however, weights for each individual were capped at 3. Therefore, 13 respondents with weights that were greater than 3 were set equal to 3.

Weighted demographic characteristics of participants and raw counts are displayed on the Sample Demographics page. All subsequent tables in this report display weighted percentages with “don’t know/refused” responses in the denominator. Because polling questions assessed knowledge, awareness, and attitudes, excluding don’t know/refused responses would otherwise inflate the results. Legitimate skips due to non-applicable questions were excluded from the denominator. Statistical tests were not performed, and these tables do not imply that apparent differences in frequencies among demographic groups are statistically significant. Due to rounding, percentages may not total 100%.

Suggested citation: NYC Department of Health and Mental Hygiene. (2019). *New York City Health Opinion Poll (NYC HOP) Topline Reports: Findings from HOP2*. Retrieved from <https://www1.nyc.gov/site/doh/data/data-sets/health-opinion-poll.page>.

Sample Demographics

	Raw count	Weighted ^	Weighted %
Age group			
18-24	142	760,000	11.2
25-44	551	2,740,000	40.5
45-64	352	2,082,000	30.8
65+	150	1,184,000	17.5
Race/ethnicity			
White, non-Latino	443	2,331,000	34.5
Black, non-Latino	275	1,489,000	22.0
Latino	298	1,847,000	27.3
Asian/Pacific Islander, non-Latino	137	952,000	14.1
Other, non-Latino	42	147,000	2.2
Sex			
Male	547	3,125,000	46.2
Female	648	3,642,000	53.8
Educational attainment (25+ years)			
Less than high school degree	29	291,000	4.9
High school degree	181	1,323,000	22.0
Some college	275	1,620,000	27.0
College degree or more	568	2,772,000	46.2
Employment status			
Employed	782	4,162,000	61.5
Unemployed	90	518,000	7.7
Not in labor force	323	2,086,000	30.8
Marital status			
Married/partnered	468	2,590,000	38.3
Separated/divorced/widowed	162	1,099,000	16.2
Never married	565	3,077,000	45.5
Borough			
The Bronx	211	1,111,000	16.4
Brooklyn	347	2,054,000	30.3
Manhattan	257	1,425,000	21.1
Queens	300	1,805,000	26.7
Staten Island	80	372,000	5.5
Health status			
Excellent/Very Good/Good	1035	5,797,000	85.7
Fair/Poor	160	970,000	14.3
Zip code neighborhood poverty ¹			
Low poverty (<10%)	257	1,389,000	20.5
Medium poverty (10 to <20%)	484	2,814,000	41.6
High poverty (20 to <30%)	259	1,455,000	21.5
Very high poverty (30% +)	190	1,080,000	16.0
Household poverty			
<200% of the Federal Poverty Level	394	2,415,000	35.7
≥200% of the Federal Poverty Level	801	4,351,000	64.3

Expectations for antibiotic prescriptions

Questions 1.1 - 1.2. How strongly do you agree or disagree with the following statements:

	% Responding "Strongly Disagree," "Somewhat Disagree," or "Neither Agree nor Disagree"	
	<i>If I go to the doctor with a cold, cough or flu, I expect to get antibiotics.</i>	<i>If my doctor does not give me antibiotics for my cold, cough, or flu, I will go to another doctor or clinic.</i>
Overall	47.1	75.8
By age group		
18-24	26.1	62.5
25-44	40.8	65.2
45-64	52.7	82.9
65+	65.1	96.3
By race/ethnicity		
White, non-Latino	52.1	79.6
Black, non-Latino	42.8	73.8
Latino	40.7	68.7
Asian/Pacific Islander, non-Latino	53.1	82.6
Other, non-Latino	49.8	81.2
By sex		
Male	41.2	69.2
Female	52.1	81.5
By educational attainment (25+ years)		
Less than high school degree	42.5	62.0
High school degree	46.5	74.2
Some college	49.7	79.4
College degree or more	52.0	79.5
By employment status		
Employed	43.6	71.3
Unemployed	51.3	77.8
Not in labor force	52.9	84.2
By marital status		
Married/partnered	45.0	72.9
Separated/divorced/widowed	58.5	86.4
Never married	44.7	74.5
By borough		
The Bronx	37.9	67.2
Brooklyn	46.7	73.3
Manhattan	49.3	76.1
Queens	50.7	83.0
Staten Island	50.1	79.0
By health status		
Excellent/Very Good/Good	45.8	73.6
Fair/Poor	54.8	89.0

By zip code neighborhood poverty ¹		
Low poverty (<10%)	51.2	82.3
Medium poverty (10 to <20%)	48.3	77.0
High poverty (20 to <30%)	47.2	71.1
Very high poverty (30% +)	38.0	70.7
By household poverty		
<200% of the Federal Poverty Level	44.8	73.4
≥200% of the Federal Poverty Level	48.3	77.1

Awareness about obtaining antibiotics appropriately

Questions 1.3 – 1.5. How strongly do you agree or disagree with the following statements:

	% Responding “Somewhat Disagree” or “Strongly Disagree”		
	<i>It’s OK for me to keep a supply of antibiotics in case I need them.</i>	<i>It’s OK for me to get antibiotics from friends or family without a prescription when I need them.</i>	<i>It’s OK for me to buy antibiotics at a bodega or deli when I need them.</i>
Overall	41.7	73.1	72.7
By age group			
18-24	25.3	57.2	51.8
25-44	33.7	61.7	60.2
45-64	48.0	83.8	86.1
65+	59.5	91.0	91.4
By race/ethnicity			
White, non-Latino	47.4	75.8	75.5
Black, non-Latino	41.4	76.7	77.0
Latino	35.0	70.1	68.1
Asian/Pacific Islander, non-Latino	40.0	66.1	67.7
Other, non-Latino	48.2	77.8	74.5
By sex			
Male	34.7	67.2	65.2
Female	47.7	78.2	79.1
By educational attainment (25+ years)			
Less than high school degree	20.6	78.8	66.1
High school degree	48.9	76.4	75.1
Some college	45.4	76.2	82.8
College degree or more	42.7	73.5	72.0
By employment status			
Employed	38.9	68.3	67.3
Unemployed	37.8	75.0	67.1
Not in labor force	48.1	82.2	84.8

By marital status			
Married/partnered	36.2	67.7	68.5
Separated/divorced/widowed	53.3	86.5	85.8
Never married	42.2	72.9	71.5
By borough			
The Bronx	35.6	74.3	67.9
Brooklyn	39.2	71.7	70.2
Manhattan	41.7	72.0	71.6
Queens	48.3	76.1	79.8
Staten Island	41.6	67.4	70.5
By health status			
Excellent/Very Good/Good	41.0	71.5	70.2
Fair/Poor	45.7	82.9	87.7
By zip code neighborhood poverty ¹			
Low poverty (<10%)	49.0	78.4	80.7
Medium poverty (10 to <20%)	43.7	75.4	74.4
High poverty (20 to <30%)	35.9	64.8	66.8
Very high poverty (30% +)	35.4	73.0	67.2
By household poverty			
<200% of the Federal Poverty Level	38.0	72.2	71.4
≥200% of the Federal Poverty Level	43.7	73.7	73.4

Preferences in healthcare seeking

Question 1.6. If you have a cold, cough, or flu, where would you go first to see a doctor....

	%
My usual doctor or clinic	67.2
An urgent care center	17.8
A hospital emergency department	5.5
A clinic inside a pharmacy	5.2
Some other place	1.3

Question 1.7. The primary reason I would go there is because...

	%
I have a good relationship with the doctor(s) or nurses	28.7
Better quality of care	23.3
I am more likely to be seen quickly	21.3
It is closest to me	14.0
It is the cheapest option	6.5
I am more likely to get antibiotics	2.4

Knowledge of antibiotic effectiveness

Question 1.8. To the best of your knowledge, antibiotics can treat infections caused by ...

	Viruses only (%)	Bacteria only (%)	Both bacteria and viruses (%)
Overall	8.3	39.6	44.1
By age group			
18-24	8.9	36.2	47.9
25-44	8.9	36.4	46.7
45-64	7.9	39.0	44.6
65+	7.0	50.0	34.8
By race/ethnicity			
White, non-Latino	9.2	55.2	27.1
Black, non-Latino	3.9	22.6	66.8
Latino	7.8	31.3	53.1
Asian/Pacific Islander, non-Latino	13.4	42.5	34.6
Other, non-Latino	9.4	49.3	32.6
By sex			
Male	10.7	37.2	45.0
Female	6.2	41.7	43.4
By educational attainment (25+ years)			
Less than high school degree	7.5	12.8	59.1
High school degree	4.7	29.5	59.6
Some college	7.1	40.6	44.9
College degree or more	10.5	47.5	33.7
By employment status			
Employed	9.0	38.1	44.3
Unemployed	9.9	43.1	44.9
Not in labor force	6.4	41.6	43.6
By marital status			
Married/partnered	9.7	37.9	45.7
Separated/divorced/widowed	7.5	40.8	42.4
Never married	7.4	40.6	43.4
By borough			
The Bronx	7.1	25.1	56.6
Brooklyn	7.7	40.0	46.1
Manhattan	8.2	46.7	35.6
Queens	10.0	42.1	41.3
Staten Island	7.2	40.6	41.9
By health status			
Excellent/Very Good/Good	8.6	39.9	44.2
Fair/Poor	6.4	37.9	43.9

By zip code neighborhood poverty ¹			
Low poverty (<10%)	6.0	50.8	35.7
Medium poverty (10 to <20%)	9.5	39.2	43.6
High poverty (20 to <30%)	10.0	39.3	44.3
Very high poverty (30% +)	5.9	27.2	54.7
By household poverty			
<200% of the Federal Poverty Level	5.9	32.0	54.9
≥200% of the Federal Poverty Level	9.6	43.8	38.1

Questions 1.9 – 1.11. To the best of your knowledge, how often are antibiotics needed to treat...

	% Responding “Never” or “Almost Never”		
	<i>Bronchitis?</i>	<i>A cough lasting more than one week?</i>	<i>Stuffy nose with yellow or green snot?</i>
Overall	11.7	22.4	29.4
By age group			
18-24	10.5	19.1	27.6
25-44	13.4	19.6	27.7
45-64	11.4	25.2	31.8
65+	9.1	26.2	30.4
By race/ethnicity			
White, non-Latino	9.5	21.2	29.6
Black, non-Latino	12.7	24.3	28.0
Latino	12.8	24.7	30.3
Asian/Pacific Islander, non-Latino	14.1	20.3	31.4
Other, non-Latino	7.6	6.1	17.1
By sex			
Male	12.7	17.4	27.9
Female	10.8	26.7	30.7
By educational attainment (25+ years)			
Less than high school degree	11.2	15.6	36.9
High school degree	13.2	22.7	26.9
Some college	13.5	28.1	30.3
College degree or more	10.3	20.6	29.9
By employment status			
Employed	12.4	19.8	27.8
Unemployed	6.9	23.2	38.3
Not in labor force	11.5	27.5	30.6
By marital status			
Married/partnered	12.9	21.6	27.7
Separated/divorced/widowed	9.9	29.0	29.0
Never married	11.3	20.7	31.1
By borough			
The Bronx	11.3	23.4	28.0
Brooklyn	8.3	21.4	27.0
Manhattan	12.3	19.9	31.9
Queens	14.3	23.9	30.6
Staten Island	16.5	27.7	32.7
By health status			
Excellent/Very Good/Good	11.8	21.5	29.3
Fair/Poor	11.3	28.0	30.5

By zip code neighborhood poverty ¹			
Low poverty (<10%)	16.3	23.9	30.2
Medium poverty (10 to <20%)	9.6	22.9	29.5
High poverty (20 to <30%)	14.0	21.5	28.9
Very high poverty (30% +)	7.9	21.0	29.3
By household poverty			
<200% of the Federal Poverty Level	11.4	22.6	29.5
≥200% of the Federal Poverty Level	11.9	22.3	29.4

Question 1.12. To the best of your knowledge, are most cold, cough, and flu illnesses caused by bacteria or viruses?

	Viruses (%)	Bacteria (%)
Overall	59.4	23.1
By age group		
18-24	50.4	34.7
25-44	59.0	26.2
45-64	61.1	18.9
65+	63.0	15.7
By race/ethnicity		
White, non-Latino	64.1	19.6
Black, non-Latino	50.4	29.9
Latino	57.6	26.1
Asian/Pacific Islander, non-Latino	63.1	15.6
Other, non-Latino	73.6	17.9
By sex		
Male	59.2	25.0
Female	59.5	21.4
By educational attainment (25+ years)		
Less than high school degree	46.2	36.3
High school degree	54.5	23.6
Some college	56.5	25.2
College degree or more	67.2	17.0
By employment status		
Employed	58.7	24.9
Unemployed	59.0	24.9
Not in labor force	60.7	18.9
By marital status		
Married/partnered	62.9	21.1
Separated/divorced/widowed	62.6	19.3
Never married	55.3	26.0
By borough		
The Bronx	54.0	27.0
Brooklyn	60.2	23.9
Manhattan	60.8	23.6
Queens	60.3	19.5
Staten Island	61.0	22.5
By health status		
Excellent/Very Good/Good	59.6	23.9
Fair/Poor	58.2	18.0
By zip code neighborhood poverty ¹		
Low poverty (<10%)	61.1	18.2
Medium poverty (10 to <20%)	58.8	23.5
High poverty (20 to <30%)	61.4	22.9
Very high poverty (30% +)	55.8	28.0
By household poverty		
<200% of the Federal Poverty Level	54.3	28.3
≥200% of the Federal Poverty Level	62.2	20.2

Awareness and knowledge of antimicrobial resistance

Question 1.13. If people take antibiotics when they do not need to, antibiotics will not work as well for other people in the future.

	True (%)
Overall	53.0
By age group	
18-24	43.2
25-44	55.4
45-64	56.5
65+	47.8
By race/ethnicity	
White, non-Latino	61.8
Black, non-Latino	38.1
Latino	51.5
Asian/Pacific Islander, non-Latino	57.0
Other, non-Latino	58.7
By sex	
Male	56.3
Female	50.3
By educational attainment (25+ years)	
Less than high school degree	54.8
High school degree	47.2
Some college	50.4
College degree or more	59.9
By employment status	
Employed	53.6
Unemployed	49.1
Not in labor force	52.9
By marital status	
Married/partnered	55.7
Separated/divorced/widowed	51.4
Never married	51.4
By borough	
The Bronx	43.6
Brooklyn	52.0
Manhattan	57.5
Queens	53.0
Staten Island	70.4
By health status	
Excellent/Very Good/Good	53.3
Fair/Poor	51.4
By zip code neighborhood poverty ¹	
Low poverty (<10%)	55.7
Medium poverty (10 to <20%)	51.7
High poverty (20 to <30%)	56.6
Very high poverty (30% +)	48.8

By household poverty	
<200% of the Federal Poverty Level	48.2
≥200% of the Federal Poverty Level	55.8

Question 1.14. How strongly do you agree or disagree with the following statement: I think antibiotic resistance could affect my health or my family's health.

	Agree ² (%)	Disagree ³ (%)	Neither agree nor disagree (%)
Overall	67.7	7.5	17.4
By age group			
18-24	61.9	7.5	19.9
25-44	66.2	7.9	20.4
45-64	72.8	5.8	13.7
65+	65.8	9.8	15.2
By race/ethnicity			
White, non-Latino	75.1	6.0	13.3
Black, non-Latino	57.9	10.6	19.1
Latino	63.5	8.4	21.4
Asian/Pacific Islander, non-Latino	73.6	5.1	15.9
Other, non-Latino	63.5	5.2	23.1
By sex			
Male	70.6	7.3	16.8
Female	65.2	7.7	17.8
By educational attainment (25+ years)			
Less than high school degree	62.5	10.4	20.1
High school degree	61.5	7.5	18.8
Some college	63.1	8.5	22.2
College degree or more	75.5	6.7	12.8
By employment status			
Employed	68.7	7.7	17.4
Unemployed	61.8	5.8	27.3
Not in labor force	67.1	7.6	14.9
By marital status			
Married/partnered	73.8	6.4	14.5
Separated/divorced/widowed	61.1	9.1	20.5
Never married	64.9	7.9	18.7
By borough			
The Bronx	62.7	11.4	17.0
Brooklyn	68.6	7.9	14.5
Manhattan	74.5	5.7	14.8
Queens	64.3	6.8	21.5
Staten Island	67.9	4.7	23.7
By health status			
Excellent/Very Good/Good	67.4	8.0	17.4
Fair/Poor	69.5	4.8	17.1

By zip code neighborhood poverty ¹			
Low poverty (<10%)	68.8	7.1	18.7
Medium poverty (10 to <20%)	68.6	6.1	17.5
High poverty (20 to <30%)	69.0	6.6	16.7
Very high poverty (30% +)	62.9	12.7	15.7
By household poverty			
<200% of the Federal Poverty Level	62.1	9.2	19.6
≥200% of the Federal Poverty Level	70.8	6.6	16.1

Question 1.15. How much have you heard about antibiotic resistance?

	A lot (%)	A fair amount (%)	A little (%)	Almost nothing (%)
Overall	17.3	31.9	27.9	18.8
By age group				
18-24	16.4	28.2	26.4	23.4
25-44	22.8	29.3	28.5	15.1
45-64	14.0	34.4	27.4	21.2
65+	11.1	36.3	28.3	20.1
By race/ethnicity				
White, non-Latino	18.2	35.1	28.4	15.6
Black, non-Latino	14.9	22.8	32.0	25.0
Latino	18.4	31.0	25.8	20.4
Asian/Pacific Islander, non-Latino	17.7	38.7	23.0	14.9
Other, non-Latino	10.2	43.2	34.2	10.6
By sex				
Male	20.4	32.6	26.7	16.2
Female	14.6	31.4	28.9	21.0
By educational attainment (25+ years)				
Less than high school degree	14.4	24.1	21.8	24.8
High school degree	12.0	27.3	29.5	27.4
Some college	12.8	32.7	30.9	19.8
College degree or more	23.0	35.6	26.4	12.1
By employment status				
Employed	20.6	30.0	28.8	16.9
Unemployed	14.4	32.3	33.1	14.5
Not in labor force	11.3	35.8	24.7	23.5
By marital status				
Married/partnered	20.8	36.2	24.2	15.8
Separated/divorced/widowed	10.1	29.5	32.5	23.5
Never married	16.9	29.2	29.3	19.6
By borough				
The Bronx	14.6	29.3	25.9	25.0
Brooklyn	19.1	28.6	29.1	19.2
Manhattan	21.2	32.7	28.0	12.1
Queens	13.9	37.3	27.0	19.0
Staten Island	16.9	29.5	31.0	22.7
By health status				
Excellent/Very Good/Good	18.2	32.5	27.8	17.4
Fair/Poor	11.9	28.4	28.4	27.3
By zip code neighborhood poverty ¹				
Low poverty (<10%)	16.8	34.6	29.6	16.8
Medium poverty (10 to <20%)	18.3	31.5	28.2	18.4
High poverty (20 to <30%)	20.0	30.9	26.6	17.0
Very high poverty (30% +)	11.5	31.4	26.8	24.4
By household poverty				
<200% of the Federal Poverty Level	13.2	29.6	28.2	23.1
≥200% of the Federal Poverty Level	19.5	33.3	27.7	16.4

Question 1.16. Which is a better description of antibiotic resistance?

	When a person's body changes and no longer responds to antibiotics (%)	When bacteria change and no longer respond to antibiotics (%)
Overall	37.8	49.4
By age group		
18-24	48.5	37.2
25-44	41.5	48.5
45-64	37.2	47.2
65+	23.4	63.0
By race/ethnicity		
White, non-Latino	30.0	59.0
Black, non-Latino	51.0	35.1
Latino	39.8	47.2
Asian/Pacific Islander, non-Latino	31.6	52.2
Other, non-Latino	42.3	49.9
By sex		
Male	36.4	51.4
Female	39.0	47.6
By educational attainment (25+ years)		
Less than high school degree	34.5	43.9
High school degree	47.9	38.3
Some college	38.4	46.4
College degree or more	30.0	60.3
By employment status		
Employed	39.2	48.4
Unemployed	37.2	52.4
Not in labor force	35.1	50.5
By marital status		
Married/partnered	38.4	50.5
Separated/divorced/widowed	32.2	53.7
Never married	39.3	46.9
By borough		
The Bronx	42.5	45.6
Brooklyn	41.8	45.8
Manhattan	31.0	57.5
Queens	36.0	49.6
Staten Island	36.5	48.1
By health status		
Excellent/Very Good/Good	38.6	49.5
Fair/Poor	33.2	48.4
By zip code neighborhood poverty ¹		
Low poverty (<10%)	35.3	54.7
Medium poverty (10 to <20%)	36.2	51.8
High poverty (20 to <30%)	34.1	50.3
Very high poverty (30% +)	50.3	35.3

By household poverty		
<200% of the Federal Poverty Level	43.7	43.8
≥200% of the Federal Poverty Level	34.5	52.5

Medical devices

Question 2.1. Do you use a medical device that is important for your health that requires electrical power to operate?

	Yes (%)
Overall	15.5
By age group	
18-24	14.9
25-44	20.1
45-64	14.0
65+	7.9
By race/ethnicity	
White, non-Latino	16.4
Black, non-Latino	13.8
Latino	18.6
Asian/Pacific Islander, non-Latino	11.1
Other, non-Latino	8.5
By sex	
Male	19.8
Female	11.8
By educational attainment (25+ years)	
Less than high school degree	18.0
High school degree	15.0
Some college	14.7
College degree or more	16.1
By employment status	
Employed	18.4
Unemployed	9.1
Not in labor force	11.3
By marital status	
Married/partnered	21.3
Separated/divorced/widowed	11.6
Never married	12.0
By borough	
The Bronx	19.9
Brooklyn	15.2
Manhattan	17.1
Queens	10.7
Staten Island	21.5
By health status	
Excellent/Very Good/Good	15.4
Fair/Poor	15.9
By zip code neighborhood poverty ¹	
Low poverty (<10%)	12.3
Medium poverty (10 to <20%)	15.3
High poverty (20 to <30%)	18.8
Very high poverty (30% +)	14.9

By household poverty	
<200% of the Federal Poverty Level	16.2
≥200% of the Federal Poverty Level	15.1

Question 2.2. Do you have a plan to run the medical device during a power outage?

Asked among those responding “yes” to Q2.1 [Do you use a medical device that is important for your health that requires electrical power to operate?] (n=198).

	Yes (%) ^π
Overall	52.6

Question 2.3. Are you registered to receive notification if the power goes out from Con Edison, PSEG, or any other utility services?

Asked among those responding “yes” to Q2.1 [Do you use a medical device that is important for your health that requires electrical power to operate?] (n=198).

	Yes (%) ^π
Overall	56.1

Question 2.4. What is the main reason why you are not registered to receive power outage notifications from your utility provider? Is it because you ...

Asked among those responding “no” to Q2.3 [Are you registered to receive notification if the power goes out from Con Edison, PSEG, or any other utility services?] (n=67).

	Yes (%) ^π
Don't know about this program	56.9
Pay your rent and utilities together so you don't think you are eligible	17.8
Have someone else in your household pay the utility bills	8.4
Don't think this program would be useful for you	7.5
Have some other reason	3.8
Don't want the utility provider to have this information	1.6

Permanent inking and needling procedures

Questions 3.1 – 3.4. Have you ever had any of the following procedures done?

	% Responding “Yes”			
	<i>Tattooing (not including hair tattoo or permanent makeup)?^{††}</i>	<i>Microblading, or permanent makeup?^{††}</i>	<i>Microneedling, also called skin needling, a procedure that pricks the skin with needles to treat scars or improve complexion?^{††}</i>	<i>Scalp micropigmentation, or hair tattoo?^{††}</i>
Overall	31.4	8.8	7.9	5.3
By age group				
18-24	31.4			
25-44	43.5			
45-64	25.9			
65+	13.3			
By race/ethnicity				
White, non-Latino	27.3			
Black, non-Latino	31.2			
Latino	42.4			
Asian/Pacific Islander, non-Latino	17.2			
Other, non-Latino	54.1			
By sex				
Male	27.4			
Female	34.9			
By educational attainment (25+ years)				
Less than high school degree	29.9			
High school degree	42.4			
Some college	28.7			
College degree or more	28.0			
By employment status				
Employed	36.7			
Unemployed	26.2			

Not in labor force	22.2			
By marital status				
Married/partnered	30.8			
Separated/divorced/widowed	25.1			
Never married	34.2			
By borough				
The Bronx	36.4			
Brooklyn	32.1			
Manhattan	30.2			
Queens	27.5			
Staten Island	36.6			
By health status				
Excellent/Very Good/Good	32.2			
Fair/Poor	26.8			
By zip code neighborhood poverty ¹				
Low poverty (<10%)	24.9			
Medium poverty (10 to <20%)	29.3			
High poverty (20 to <30%)	34.5			
Very high poverty (30% +)	41.1			
By household poverty				
<200% of the Federal Poverty Level	32.7			
≥200% of the Federal Poverty Level	30.8			

Question 3.5. Did you have any of your permanent inking or needling procedures done in New York City?

Asked among those responding “yes” to Q3.1 [Tattooing], OR Q3.2 [Microblading], OR Q3.3 [Microneedling], OR Q3.4 [Scalp micropigmentation, or hair tattoo] (n=448)

	Yes (%)
Overall	66.4
By age group	
18-24	69.3
25-44	71.1
45-64	60.5
65+	44.3
By race/ethnicity	
White, non-Latino	64.8
Black, non-Latino	67.0
Latino	68.5
Asian/Pacific Islander, non-Latino	56.5
Other, non-Latino	77.0
By sex	
Male	64.7
Female	67.5
By educational attainment (25+ years)	
Less than high school degree	85.0
High school degree	58.8
Some college	69.8
College degree or more	66.3
By employment status	
Employed	71.1
Unemployed	59.3
Not in labor force	52.4
By marital status	
Married/partnered	70.0
Separated/divorced/widowed	58.9
Never married	65.4
By borough	
The Bronx	62.7
Brooklyn	66.7
Manhattan	71.2
Queens	65.0
Staten Island	64.3
By health status	
Excellent/Very Good/Good	65.6
Fair/Poor	72.2

By zip code neighborhood poverty ¹	
Low poverty (<10%)	59.6
Medium poverty (10 to <20%)	66.4
High poverty (20 to <30%)	65.9
Very high poverty (30% +)	73.9
By household poverty	
<200% of the Federal Poverty Level	61.9
≥200% of the Federal Poverty Level	68.9

Question 3.6. Thinking of your most recent permanent inking or needling procedure done in New York City, when was it done?

Asked among those responding “yes” to Q3.5 [Did you have any of your permanent inking or needling procedures done in New York City?] (n=310)

	In the past one year (%)	In the past two to five years (%)	More than five years ago (%)
Overall	29.0	34.1	36.7
By age group			
18-24	48.9	40.8	7.8
25-44	29.4	37.7	32.9
45-64	23.7	28.0	48.3
65+	0.0	0.0	100.0
By race/ethnicity			
White, non-Latino	38.1	29.0	32.9
Black, non-Latino	17.7	49.6	32.7
Latino	31.2	27.4	40.6
Asian/Pacific Islander, non-Latino	12.6	47.4	40.0
Other, non-Latino	23.9	30.9	45.2
By sex			
Male	36.9	31.2	31.9
Female	23.7	35.9	39.9
By educational attainment (25+ years)			
Less than high school degree	53.1	9.9	36.9
High school degree	14.0	37.2	48.7
Some college	19.4	28.5	52.1
College degree or more	33.8	37.4	28.9
By employment status			
Employed	31.0	37.3	31.3
Unemployed	10.3	26.0	63.8
Not in labor force	26.3	21.7	52.0
By marital status			
Married/partnered	32.8	35.3	31.9
Separated/divorced/widowed	22.0	20.7	57.3
Never married	27.2	36.2	36.0
By borough			
The Bronx	29.0	25.9	43.6
Brooklyn	33.2	45.2	21.6
Manhattan	35.4	29.4	35.1
Queens	17.3	27.7	55.0
Staten Island	25.8	39.2	35.0
By health status			
Excellent/Very Good/Good	31.8	35.4	32.5
Fair/Poor	9.4	25.1	65.5

By zip code neighborhood poverty ¹			
Low poverty (<10%)	25.5	29.4	45.2
Medium poverty (10 to <20%)	31.5	35.7	32.8
High poverty (20 to <30%)	29.8	27.6	42.6
Very high poverty (30% +)	24.9	41.2	32.7
By household poverty			
<200% of the Federal Poverty Level	22.1	36.5	41.4
≥200% of the Federal Poverty Level	32.4	32.8	34.4

Question 3.7. Have you ever had a tattoo, permanent makeup, or hair tattoo removed?

Asked among those responding “yes” to Q3.1 [Tattooing] OR Q3.2 [Microblading], OR Q3.4 [Scalp micropigmentation, or hair tattoo] (n=426)

	Yes (%)
Overall	16.7
By age group	
18-24	19.0
25-44	22.9
45-64	5.8
65+	3.1
By race/ethnicity	
White, non-Latino	26.6
Black, non-Latino	11.1
Latino	14.1
Asian/Pacific Islander, non-Latino	8.8
Other, non-Latino	10.2
By sex	
Male	26.2
Female	10.3
By educational attainment (25+ years)	
Less than high school degree	3.3
High school degree	13.0
Some college	13.9
College degree or more	21.7
By employment status	
Employed	20.0
Unemployed	11.8
Not in labor force	7.1
By marital status	
Married/partnered	24.6
Separated/divorced/widowed	5.0
Never married	13.4
By borough	
The Bronx	13.0
Brooklyn	18.8
Manhattan	28.1
Queens	7.0
Staten Island	17.5
By health status	
Excellent/Very Good/Good	18.3
Fair/Poor	4.8
By zip code neighborhood poverty ¹	
Low poverty (<10%)	16.5
Medium poverty (10 to <20%)	15.7
High poverty (20 to <30%)	20.9
Very high poverty (30% +)	14.6

By household poverty	
<200% of the Federal Poverty Level	8.9
≥200% of the Federal Poverty Level	21.2

Question 3.8. Thinking of the tattoo, permanent makeup, or hair tattoo you removed most recently, how was it removed?

Asked among those responding “yes” to Q3.7 [Have you ever had a tattoo, permanent makeup, or hair tattoo removed?] (n=80)

	%
Laser removal	54.0
Tattoo removal cream	28.5
Some other method	7.0

Question 3.9. Thinking of the tattoo, permanent makeup, or hair tattoo you removed most recently, was it removed in a doctor’s office or somewhere else?

Asked among those responding “laser removal” or “some other method” to Q3.8 [Thinking of the tattoo, permanent makeup, or hair tattoo you removed most recently, how was it removed?] (n=47)

	%
Doctor’s office	80.7
Somewhere else	19.3

Question 3.10. Have you ever had a bad reaction to any tattoo, permanent make-up, or hair tattoo (for example, infection, allergic reaction or excessive scarring)?

Asked among those responding “yes” to Q3.1 (Tattooing) OR Q3.2 (Microblading), OR Q3.4 (Scalp micropigmentation, or hair tattoo?) (n=426)

	Yes (%)
Overall	13.6
By age group	
18-24	17.4
25-44	18.3
45-64	5.4
65+	0.0
By race/ethnicity	
White, non-Latino	23.3
Black, non-Latino	7.7
Latino	11.0
Asian/Pacific Islander, non-Latino	6.5
Other, non-Latino	8.5
By sex	
Male	24.7
Female	6.1
By educational attainment (25+ years)	
Less than high school degree	3.3
High school degree	10.0
Some college	9.6
College degree or more	18.4
By employment status	
Employed	17.4
Unemployed	3.3
Not in labor force	3.8
By marital status	
Married/partnered	23.5
Separated/divorced/widowed	3.2
Never married	8.2
By borough	
The Bronx	10.8
Brooklyn	11.8
Manhattan	23.8
Queens	8.0
Staten Island	19.5
By health status	
Excellent/Very Good/Good	15.1
Fair/Poor	2.2

By zip code neighborhood poverty ¹	
Low poverty (<10%)	13.8
Medium poverty (10 to <20%)	16.9
High poverty (20 to <30%)	17.1
Very high poverty (30% +)	2.6
By household poverty	
<200% of the Federal Poverty Level	10.1
≥200% of the Federal Poverty Level	15.6

Marijuana Use

Question 4.1. In the past 12 months have you ever, even once, used marijuana?

	Yes (%)
Overall	27.3
By age group	
18-24	39.2
25-44	37.4
45-64	19.7
65+	9.4
By race/ethnicity	
White, non-Latino	27.4
Black, non-Latino	30.5
Latino	30.4
Asian/Pacific Islander, non-Latino	12.2
Other, non-Latino	50.8
By sex	
Male	27.7
Female	26.9
By educational attainment (25+ years)	
Less than high school degree	26.0
High school degree	28.7
Some college	25.9
College degree or more	24.2
By employment status	
Employed	29.9
Unemployed	30.9
Not in labor force	21.2
By marital status	
Married/partnered	23.2
Separated/divorced/widowed	19.2
Never married	33.6
By borough	
The Bronx	29.5
Brooklyn	29.3
Manhattan	34.5
Queens	17.7
Staten Island	28.1
By health status	
Excellent/Very Good/Good	27.4
Fair/Poor	26.5
By zip code neighborhood poverty ¹	
Low poverty (<10%)	24.6
Medium poverty (10 to <20%)	24.6
High poverty (20 to <30%)	34.1
Very high poverty (30% +)	27.7
By household poverty	
<200% of the Federal Poverty Level	30.8
≥200% of the Federal Poverty Level	25.3

Question 4.2. During the past 30 days, on how many days did you use marijuana?

Asked among those responding “yes” to Q4.1 [In the past 12 months you ever, even once, used marijuana?] (n=350)

	Median (SD)
Overall	9.9 (11.3)

Questions 4.3 – 4.7. During the past 30 days, how did you use marijuana? Did you:

Asked among those respondents who’ve used marijuana Q4.2 > 0 and NE 77 or 99 [During the past 30 days, on how many did you use marijuana?] (n=278).

	Yes (%)
Smoke it (for example, in a cigarette, joint, pipe, or bong)?	85.6
Vaporize it (for example, in a vaporizer, electronic cigarette, or e-cig)?	40.1
Eat it (also known as edibles, for example, in a candy or baked good)?	34.4
Dab it (for example, in concentrated marijuana products, butane hash oil, or wax)?	22.3
Use it in another way	6.8

Question 4.9. In the past 12 months, where did you most commonly use marijuana?

Asked among those responding “yes” to Q4.1 [In the past 12 months you ever, even once, used marijuana?] (n=350).

	In public setting (%)	In a private setting (%)	Other (%) ^π
Overall	11.2	83.2	4.4
By age group			
18-24	17.7	76.9	
25-44	9.7	83.8	
45-64	11.0	83.9	
65+	8.6	91.4	
By race/ethnicity			
White, non-Latino	11.0	83.3	
Black, non-Latino	8.1	85.7	
Latino	15.3	78.7	
Asian/Pacific Islander, non-Latino	0.0	95.1	
Other, non-Latino	18.4	81.6	
By sex			
Male	17.9	73.7	
Female	5.3	91.5	
By educational attainment (25+ years)			
Less than high school degree	3.7	87.5	
High school degree	15.1	78.3	
Some college	7.7	90.6	
College degree or more	9.2	83.5	
By employment status			
Employed	9.1	83.5	
Unemployed	14.2	82.8	
Not in labor force	16.0	82.3	
By marital status			
Married/partnered	13.2	78.9	
Separated/divorced/widowed	8.9	86.7	
Never married	10.6	84.9	
By borough			
The Bronx	11.1	84.5	
Brooklyn	11.1	83.9	
Manhattan	10.5	80.5	
Queens	11.1	84.2	
Staten Island	16.3	83.7	
By health status			
Excellent/Very Good/Good	11.1	82.6	
Fair/Poor	12.0	86.7	

By zip code neighborhood poverty ¹			
Low poverty (<10%)	11.2	86.6	
Medium poverty (10 to <20%)	8.2	84.4	
High poverty (20 to <30%)	14.5	80.3	
Very high poverty (30% +)	13.3	80.5	
By household poverty			
<200% of the Federal Poverty Level	8.5	85.6	
≥200% of the Federal Poverty Level	13.1	81.5	

Question 4.10. In the past 12 months, have you ever, even once, used marijuana in public (for example, park, sidewalk, or car)?

Asked among those responding “yes” to Q4.1 [In the past 12 months you ever, even once, used marijuana?] (n=350)

	Yes (%)
Overall	42.3
By age group	
18-24	53.5
25-44	44.8
45-64	35.7
65+	13.1
By race/ethnicity	
White, non-Latino	37.6
Black, non-Latino	40.3
Latino	54.3
Asian/Pacific Islander, non-Latino	20.9
Other, non-Latino	37.5
By sex	
Male	45.3
Female	39.6
By educational attainment (25+ years)	
Less than high school degree	44.6
High school degree	47.6
Some college	39.9
College degree or more	35.5
By employment status	
Employed	43.4
Unemployed	39.3
Not in labor force	40.3
By marital status	
Married/partnered	42.6
Separated/divorced/widowed	40.3
Never married	42.5
By borough	
The Bronx	42.9
Brooklyn	38.6
Manhattan	48.7
Queens	42.7
Staten Island	29.9
By health status	
Excellent/Very Good/Good	45.6
Fair/Poor	21.5
By zip code neighborhood poverty ¹	
Low poverty (<10%)	43.4
Medium poverty (10 to <20%)	39.3
High poverty (20 to <30%)	44.6

Very high poverty (30% +)	42.3
By household poverty	
<200% of the Federal Poverty Level	40.5
≥200% of the Federal Poverty Level	43.5

Interaction with police for marijuana use

Question 4.11. *In the past 12 months did you have an interaction with the New York City Police Department (NYPD) for having or using marijuana?*

Asked among those responding “yes” to Q4.1 [In the past 12 months you ever, even once, used marijuana?] (n=350)

	Yes (%) ^π
Overall	9.7

Question 4.12. *What was the outcome of that interaction with the police?*

Asked among those responding “yes” to Q4.11 [In the past 12 months did you have an interaction with the New York City Police Department (NYPD) for having or using marijuana?] (n=38)

	Arrest (%)	Ticket or citation (%)	Verbal warning or no action (%)
Overall	34.0	41.8	24.2

Public opinions about marijuana

Questions 4.13 – 4.16. If it were legal to smoke marijuana in New York City, do you think people should be allowed to use it ...

	% Responding "Yes"			
	<i>Anywhere, without restrictions?</i>	<i>In public spaces where tobacco use is legal (for example, the sidewalk?)</i>	<i>In indoor spaces designated for smoking marijuana?</i>	<i>In private homes?</i>
Overall	19.3	37.0	67.3	77.9
By age group				
18-24	27.5	49.3	69.5	76.0
25-44	23.1	39.7	70.1	78.5
45-64	15.9	32.0	64.5	76.8
65+	11.5	31.6	64.5	79.9
By race/ethnicity				
White, non-Latino	15.3	37.1	64.7	79.4
Black, non-Latino	24.4	39.9	75.3	82.2
Latino	23.4	40.4	68.9	76.0
Asian/Pacific Islander, non-Latino	10.9	22.9	55.2	71.2
Other, non-Latino	35.0	55.0	86.9	79.3
By sex				
Male	21.8	42.3	67.9	79.3
Female	17.2	32.5	66.8	76.8
By educational attainment (25+ years)				
Less than high school degree	34.8	44.6	67.1	76.1
High school degree	18.4	29.6	62.5	73.7
Some college	19.9	40.1	68.2	78.0
College degree or more	15.5	34.6	68.5	80.6
By employment status				
Employed	19.5	37.4	67.1	77.4
Unemployed	20.7	47.3	75.4	85.6
Not in labor force	18.6	33.7	65.8	77.0

By marital status				
Married/partnered	17.4	32.7	59.9	72.7
Separated/divorced/widowed	16.8	31.4	66.6	81.6
Never married	21.8	42.6	73.8	81.0
By borough				
The Bronx	26.7	38.3	75.5	87.3
Brooklyn	21.4	40.2	64.8	75.8
Manhattan	20.0	38.7	69.8	79.2
Queens	13.4	32.7	66.1	75.4
Staten Island	12.2	30.2	53.5	69.0
By health status				
Excellent/Very Good/Good	19.3	37.3	67.3	77.9
Fair/Poor	19.5	35.5	67.3	78.0
By zip code neighborhood poverty ¹				
Low poverty (<10%)	15.1	35.1	64.7	76.8
Medium poverty (10 to <20%)	17.5	35.3	68.4	78.9
High poverty (20 to <30%)	20.9	41.3	67.0	76.2
Very high poverty (30% +)	26.8	38.6	69.2	80.0
By household poverty				
<200% of the Federal Poverty Level	22.8	39.9	67.1	75.6
≥200% of the Federal Poverty Level	17.4	35.4	67.5	79.2

Question 4.17. How strongly do you agree or disagree with the following statement: If marijuana becomes legal in New York City, people should be able to smoke it in public places where it is legal to smoke tobacco (for example, on the sidewalk)?

	Agree ² (%)	Disagree ³ (%)	Neither agree nor disagree (%)
Overall	42.9	42.5	11.8
By age group			
18-24	48.4	32.2	15.1
25-44	50.4	37.3	10.8
45-64	39.2	46.7	11.4
65+	28.8	54.0	12.9
By race/ethnicity			
White, non-Latino	44.0	44.7	8.2
Black, non-Latino	45.3	40.0	12.1
Latino	46.4	37.9	13.6
Asian/Pacific Islander, non-Latino	28.2	51.0	17.4
Other, non-Latino	55.2	36.5	8.3
By sex			
Male	48.3	38.6	11.3
Female	38.3	45.9	12.3
By educational attainment (25+ years)			
Less than high school degree	44.0	34.6	17.7
High school degree	44.4	37.3	14.8
Some college	44.4	42.9	10.7
College degree or more	39.8	48.5	9.6
By employment status			
Employed	47.0	40.9	10.2
Unemployed	46.7	38.0	13.1
Not in labor force	33.9	46.8	14.7
By marital status			
Married/partnered	40.3	46.4	11.2
Separated/divorced/widowed	32.8	48.2	12.9
Never married	48.8	37.3	12.0
By borough			
The Bronx	44.7	40.5	13.3
Brooklyn	44.9	40.9	9.7
Manhattan	46.4	37.8	13.0
Queens	38.3	45.5	14.4
Staten Island	36.1	61.3	2.3
By health status			
Excellent/Very Good/Good	42.9	42.9	11.4
Fair/Poor	42.9	40.0	14.7

By zip code neighborhood poverty ¹			
Low poverty (<10%)	38.0	48.0	10.1
Medium poverty (10 to <20%)	44.3	42.3	10.6
High poverty (20 to <30%)	46.9	34.1	15.8
Very high poverty (30% +)	40.5	47.5	11.8
By household poverty			
<200% of the Federal Poverty Level	44.5	35.6	16.5
≥200% of the Federal Poverty Level	42.1	46.4	9.2

Question 4.18. How strongly do you agree or disagree with the following statement: If marijuana becomes legal in New York State, people's criminal records for using or selling marijuana should be expunged (or erased).

	Agree ² (%)	Disagree ³ (%)	Neither agree nor disagree (%)
Overall	55.8	23.8	13.9
By age group			
18-24	69.2	15.6	9.7
25-44	58.2	22.4	14.8
45-64	53.6	26.9	13.0
65+	45.2	26.7	16.0
By race/ethnicity			
White, non-Latino	53.8	26.2	11.8
Black, non-Latino	68.8	12.7	12.0
Latino	52.6	25.4	17.7
Asian/Pacific Islander, non-Latino	43.9	32.9	15.4
Other, non-Latino	71.7	17.5	8.9
By sex			
Male	58.0	25.6	12.2
Female	53.9	22.2	15.3
By educational attainment (25+ years)			
Less than high school degree	48.1	20.7	14.1
High school degree	50.4	25.9	18.7
Some college	55.4	25.0	12.8
College degree or more	55.7	24.7	13.4
By employment status			
Employed	56.4	23.4	14.1
Unemployed	59.8	17.3	19.4
Not in labor force	53.6	26.2	12.2
By marital status			
Married/partnered	52.0	28.3	12.6
Separated/divorced/widowed	50.5	18.6	20.3
Never married	60.9	21.8	12.7
By borough			
The Bronx	57.5	21.6	16.2
Brooklyn	58.5	20.5	12.2
Manhattan	56.3	24.1	12.7
Queens	49.7	28.5	17.3
Staten Island	63.3	24.8	4.4
By health status			
Excellent/Very Good/Good	55.6	24.1	13.8
Fair/Poor	56.7	21.6	14.4

By zip code neighborhood poverty ¹			
Low poverty (<10%)	50.1	28.8	14.3
Medium poverty (10 to <20%)	53.6	25.0	15.7
High poverty (20 to <30%)	65.4	16.9	9.5
Very high poverty (30% +)	56.4	22.9	14.5
By household poverty			
<200% of the Federal Poverty Level	58.1	20.5	13.9
≥200% of the Federal Poverty Level	54.5	25.6	13.9

Question 4.19. How strongly do you agree or disagree with the following statement: If marijuana becomes legal in New York City, people should be allowed to grow it at home for personal use.

	Agree ² (%)	Disagree ³ (%)	Neither agree nor disagree (%)
Overall	49.4	29.3	15.2
By age group			
18-24	53.9	24.8	14.6
25-44	55.6	24.6	16.2
45-64	44.7	34.0	15.6
65+	40.4	34.8	12.4
By race/ethnicity			
White, non-Latino	54.4	26.9	13.2
Black, non-Latino	50.2	26.4	15.3
Latino	45.4	33.3	17.2
Asian/Pacific Islander, non-Latino	40.3	33.3	17.3
Other, non-Latino	71.5	21.2	7.3
By sex			
Male	54.5	27.3	14.5
Female	45.0	31.1	15.8
By educational attainment (25+ years)			
Less than high school degree	40.2	28.0	18.4
High school degree	43.0	29.2	19.4
Some college	46.5	33.1	16.2
College degree or more	53.9	28.5	12.4
By employment status			
Employed	53.0	26.2	15.8
Unemployed	55.9	29.7	13.3
Not in labor force	40.7	35.4	14.5
By marital status			
Married/partnered	47.1	32.3	14.3
Separated/divorced/widowed	37.9	37.4	15.9
Never married	55.4	23.9	15.7
By borough			
The Bronx	52.3	29.3	14.4
Brooklyn	48.7	28.6	15.4
Manhattan	57.7	22.9	12.9
Queens	41.7	33.9	18.2
Staten Island	50.3	36.0	10.4
By health status			
Excellent/Very Good/Good	49.4	29.3	14.9
Fair/Poor	49.6	29.6	17.2

By zip code neighborhood poverty ¹			
Low poverty (<10%)	51.8	28.0	15.0
Medium poverty (10 to <20%)	48.0	33.1	13.4
High poverty (20 to <30%)	50.5	21.0	18.5
Very high poverty (30% +)	48.4	32.3	15.5
By household poverty			
<200% of the Federal Poverty Level	47.5	29.9	15.7
≥200% of the Federal Poverty Level	50.4	29.0	14.9

Marijuana use as a public nuisance

Question 4.20. How strongly do you agree or disagree with the following statement: Public marijuana use is a nuisance in the area where I live

	Agree ² (%)	Disagree ³ (%)	Neither agree nor disagree (%)
Overall	36.8	38.8	18.3
By age group			
18-24	31.5	35.9	23.4
25-44	38.9	37.6	19.5
45-64	40.4	36.0	18.0
65+	29.1	48.3	12.6
By race/ethnicity			
White, non-Latino	33.9	42.8	15.3
Black, non-Latino	35.4	38.7	19.0
Latino	42.5	32.9	20.6
Asian/Pacific Islander, non-Latino	36.3	39.3	20.4
Other, non-Latino	29.6	46.7	14.4
By sex			
Male	39.7	36.8	19.5
Female	34.4	40.5	17.2
By educational attainment (25+ years)			
Less than high school degree	36.4	38.4	15.2
High school degree	39.2	35.8	20.0
Some college	36.4	41.3	16.4
College degree or more	37.5	39.6	17.5
By employment status			
Employed	40.7	36.4	18.4
Unemployed	26.2	49.4	19.1
Not in labor force	31.7	40.9	17.9
By marital status			
Married/partnered	43.6	34.8	16.3
Separated/divorced/widowed	38.3	35.7	15.9
Never married	30.6	43.2	20.7
By borough			
The Bronx	38.2	34.5	21.8
Brooklyn	41.0	35.1	17.7
Manhattan	40.1	39.0	15.6
Queens	29.6	44.9	19.6
Staten Island	32.8	41.2	13.9
By health status			
Excellent/Very Good/Good	37.9	37.8	18.0
Fair/Poor	30.6	44.5	19.6

By zip code neighborhood poverty ¹			
Low poverty (<10%)	28.5	45.6	18.9
Medium poverty (10 to <20%)	38.1	37.4	18.1
High poverty (20 to <30%)	35.5	40.7	16.9
Very high poverty (30% +)	45.3	31.1	20.2
By household poverty			
<200% of the Federal Poverty Level	36.8	33.1	22.8
≥200% of the Federal Poverty Level	36.9	41.9	15.7

Questions 4.21 – 4.22. In the last 12 months, have you called the police or 311 about people smoking marijuana ...

	% Responding "Yes"	
	<i>... in a public place (for example, park, sidewalk, or car)? "</i>	<i>... in a private place (for example, a neighbor's apartment)? "</i>
Overall	6.1	5.0

Missing responses

Question number	Valid response given †	Don't know †	Missing/ Refused ⁴ †	Legitimate skip ⁵ †
1.1 How strongly do you agree or disagree with the following statement: If I go to the doctor with a cold, cough, or flu, I expect to get antibiotics.	1169	26	0	0
1.2 How strongly do you agree or disagree with the following statement: If my doctor does not give me antibiotics for my cold, cough, or flu, I will go to another doctor or clinic.	1161	34	0	0
1.3 How strongly do you agree or disagree with the following statement: It's OK to keep a supply of antibiotics in case I need them.	1157	38	0	0
1.4 How strongly do you agree or disagree with the following statement: It's OK for me to get antibiotics from friends or family without a prescription when I need them.	1177	18	0	0
1.5 How strongly do you agree or disagree with the following statement: It's OK for me to buy antibiotics at a bodega or deli when I need them.	1175	20	0	0
1.6 If you have a cold, cough, or flu, where would you go <u>first</u> to see a doctor?	1160	35	0	0
1.7 The primary reason I would go to (FILL FROM Q1.6) is because	1149	11	35	0
1.8 To the best of your knowledge, antibiotics can treat infections caused by ...	1096	99	0	0
1.9 -1.11 To the best of your knowledge, how often are antibiotics needed to treat...				
1.9 Bronchitis?	969	223	3	0
1.10 A cough lasting more than one week	983	210	2	0
1.11 Stuffy nose with yellow or green snot?	1013	181	1	0

Question number	Valid response given †	Don't know †	Missing/ Refused 4†	Legitimate skip 5†
1.12 To the best of your knowledge, are <u>most</u> cold, cough, and flu illnesses caused by bacteria or viruses?	995	200	0	0
1.13 If people take antibiotics when they do not need to, antibiotics will not work as well for <u>other people</u> in future	947	248	0	0
1.14 How strongly do you agree or disagree with the following statement: I think antibiotic resistance could affect my health or my family's health	1117	78	0	0
1.15 How much have you heard about antibiotic resistance?	1154	41	0	0
1.16 Which is a better description of antibiotic resistance?	1054	141	0	0
2.1 Do you use a medical device that is important for your health that requires electrical power to operate?	1171	24	0	0
2.2 Do you have a plan to run the medical device during a power outage?	189	9	0	997
2.3 Are you registered to receive notification if the power goes out from Con Edison, PSEG, or any other utility services?	183	15	0	997
2.4 What is the main reason why you are not registered to receive power outage notifications from your utility provider? Is it because you...	64	3	0	1128
3.1 – 3.4 Have you ever had any of the following procedures done?				
3.1 Tattooing (not including hair tattoo or permanent make-up)?	1179	16	0	0
3.2 Microblading, or permanent makeup?	1168	27	0	0
3.3 Microneedling, also called skin needling, a procedure that pricks the skin with needles to treat scars or improve complexion?	1158	37	0	0
3.4 Scalp micropigmentation, or hair tattoo?	1157	38	0	0

Question number	Valid response given †	Don't know †	Missing/Refused 4†	Legitimate skip 5†
3.5 Did you have any of your permanent inking or needling procedures done in New York City?	442	6	0	747
3.6 Thinking of your most recent permanent inking or needling procedure <u>done in NYC</u> , when was it done?	309	1	0	885
3.7 Have you ever had a tattoo, permanent makeup, or hair tattoo removed?	424	2	0	769
3.8 Thinking of the tattoo, permanent makeup, or hair tattoo you removed <u>most recently</u> , how was it removed?	70	10	0	1115
3.9 Thinking of the tattoo, permanent makeup, or hair tattoo you removed <u>most recently</u> , was it removed in a doctor's office or somewhere else?	47	0	0	1148
3.10 Have you ever had a bad reaction to any tattoo, permanent makeup, or hair tattoo (for example, infection, allergic reaction, or excessive scarring)?	424	2	0	769
4.1 In the past 12 months have you ever, even once, used marijuana?	1188	7	0	0
4.2 During the past 30 days, on how many days did you use marijuana?	334	16	0	845
4.3-4.6 During the past 30 days, how did you use marijuana? Did you:				
4.3 Smoke it (for example, in a cigarette, joint, pipe, or bong)?	278	0	0	917
4.4 Eat it (also known as edibles, for example, in a candy or baked good)	278	0	0	917
4.5 Vaporize it (for example, in a vaporizer, e-cigarette, or e-cig)	277	1	0	917
4.6 Dab it (for example, in concentrated marijuana products, butane hash oil, or wax)	276	1	1	917

Question number	Valid response given †	Don't know †	Missing/ Refused 4†	Legitimate skip 5†
4.7 Use it (marijuana) in another way?	267	10	1	917
4.8 You said that in the past 30 days, you used marijuana in another way. What did you mean by that?				
4.9 In the past 12 months, where did you most commonly use marijuana?	346	4	0	845
4.10 In the past 12 months, have you ever, even once, used marijuana in public (for example, park, sidewalk, or car)?	347	3	0	845
4.11 In the past 12 months did you have an interaction with the New York City Police Department (NYPD) for having or using marijuana?	349	0	1	845
4.12 What was the outcome of that interaction with the police?	38	0	0	1157
4.13-4.16 If it were legal to smoke marijuana in New York City, do you think people should be allowed to use it:				
4.13 Anywhere, without restriction?	1110	85	0	0
4.14 In public spaces where tobacco use is legal (for example, the sidewalk)?	1101	94	0	0
4.15 In indoor spaces designated for smoking marijuana?	1120	75	0	0
4.16 In private homes	1115	79	1	0
4.17 How strongly do you agree or disagree with the following statement: If marijuana becomes legal in New York City, people should be able to smoke it in public places where it is legal to smoke tobacco (for example, on the sidewalk).	1168	27	0	0
4.18 How strongly do you agree or disagree with the following statement: If marijuana becomes legal in New York State, people's criminal records for using or selling marijuana should be expunged (or erased).	1128	66	1	0

Question number	Valid response given †	Don't know †	Missing/ Refused 4†	Legitimate skip 5†
4.19 How strongly do you agree or disagree with the following statement: If marijuana becomes legal in New York City, people should be allowed to grow it at home for personal use.	1137	58	0	0
4.20 How strongly do you agree or disagree with the following statement: Public marijuana use is a nuisance in the area where I live.	1129	66	0	0
4.21 In the last 12 months, have you called the police or 311 about people smoking marijuana <u>in a public place</u> (for example, park, sidewalk, or car)?	1176	19	0	0
4.22 In the last 12 months, have you called the police or 311 about people smoking marijuana <u>in a private place</u> (for example, a neighbor's apartment)?	1183	12	0	0
Age	1195	§	§	0
Borough	1195	§	§	0
Sex	1195	0	0	0
Race/ethnicity	1195	‡	0	0
Marital Status	1195	‡	0	0
Education	1195	‡	0	0
Employment	1195	‡	0	0
General Health Status	1195	0	0	0
Household Poverty	1195	‡	0	0
Neighborhood Poverty	1190	‡	5	0

Table Notes

[^] The estimated number of people represent population growth per American Community Survey 2013-2017. Population estimates are rounded to the nearest thousand.

¹ Neighborhood poverty defined as percent of residents in zip codes below 100% Federal Poverty Level based on American Community Survey 2013-2017.

² “Agree” is a combination of “strongly agree” and “somewhat agree.”

³ “Disagree” is a combination of “strongly disagree” and “somewhat disagree.”

⁴ Respondent was given the option of skipping any question they did not want to answer. No explicit “refuse” option was provided, so refusal cannot be distinguished from other reasons for missing observations.

⁵ Legitimate skips are respondents who did not answer a question because of branching logic.

[¶] Percentage, or number of respondents answering the question, is too small to display crosstab frequencies.

[†] Raw (unweighted) count.

[‡] “Don’t know/I’m not sure” was not offered as an option for these demographic questions: race/ethnicity, marital status, education, employment, household poverty (income and household size), and neighborhood poverty.

[§] AGE and BORO were required responses. Refusals were terminated.