

A SURVEY OF ADULTS IN NEW YORK CITY AND LONG ISLAND

February 26 - March 1, 2017

METHODS

The following topline and crosstabs contain data from a poll of 600 adults in New York City and Long Island. The poll was conducted from February 26 - March 1, 2017 via landline and cell phone. Findings applying to the 600 sample are subject to sampling error of plus or minus 3.9%. Subgroups of the sample are subject to error of up to plus or minus 10%.

The following definitions describe subgroups used in the crosstabs. Percentages in parentheses refer to each subgroup's proportion of the total sample. Question numbers from which the subgroups are derived are also included.

CROSSTAB KEY

- **REGION** New York City (75%) includes respondents who live in one of the five boroughs of New York City the Bronx, Brooklyn, Manhattan, Queens, or Staten Island. Long Island (25%) includes respondents who live in Nassau County or Suffolk County (Q.2).
- **TAKEN ANTIBIOTIC AS ADULT** Yes (88%) includes respondents who have been prescribed an antibiotic as an adult. *No* (12%) includes respondents who have not been prescribed an antibiotic as an adult (Q.3).
- RACE White (47%) includes respondents who are white or multi-racial including white. Black (16%) includes respondents who are black/African American or multi-racial including black/African American. Hispanic (29%) includes respondents who are of Latino, Hispanic, or Spanish origin, or who volunteer Latino, Hispanic, or Spanish as their race, or are multi-racial, including Latino, Hispanic, or Spanish. Other (20%) includes respondents who are American Indian, Asian, or of some other race or are multi-racial including American Indian, Asian, or another race (Q.12, Q.13).
- **GENDER** Men (47%) includes male respondents. Women (53%) includes female respondents (Q.14).
- **AGE** 18-34 (30%) includes respondents age 18-34. 35-49 (31%) includes respondents age 35-49. 50-64 (22%) includes respondents age 50-64. 65+ (15%) includes respondents age 65 and over (Q.11).
- **GENDER/AGE** Men under 50 (27%) includes male respondents age 18-49. Men 50+ (19%) includes male respondents age 50 and over. Women under 50 (34%) includes female respondents age18-49. Women 50+ (17%) includes female respondents age 50 or over (Q.11, Q.14).

Stu	dy #2012		Interviewer:		-
Sou	oth Nassau Truth in Medicine Poll		Respondent's Phone	Number:	
Feb	pruary-March 2017				_
LJR	Custom Strategies		Date:		
REC	CORD FROM SAMPLE:				
Pho	one Type:				
	Cell Landline	60% 40	,		
FIPS	S:				
	lo, I'm calling from FL Research, a nation dis. We're conducting a short survey in				ze that this is not an attempt to sell anything or solicit list. May I please speak with:
	(IF THE TELEPHONE NUMBER ENDS IN A The youngest woman living at this ha 18 years old or older and is home at	usehold	who is	The yo	TELEPHONE NUMBER ENDS IN AN ODD NUMBER:) ungest man living at this household who is rs old or older and is home at this time.
	(IF NO WOMAN IS THERE, INTERVIEW A	NY MAN	l.)	(IF NO	MAN IS THERE, INTERVIEW ANY WOMAN.)
	aggregate only. First, do you live in one of the five bo				t anonymous, and all data will be analyzed in w) or Suffolk (SUFF ick) Counties?
••				assas (117.00 u.	, or obtain (con long decormes).
	Yes No	<u>X</u>	CONTINUE TERMINATE		
	Not Sure	X	TERMINATE		
2.	In which one do you live? (DO NOT I	READ LIST	r)		
	Bronx/Bronx County Brooklyn/Kings County Manhattan/New York County Nassau County Queens/Queens County Staten Island/Richmond County Suffolk County Not sure/Refused	22 16 12 21 4 13	CONTINUE CONTINUE CONTINUE CONTINUE CONTINUE CONTINUE TERMINATE		
3.	Now I'd like to ask you a few questio prescribed an antibiotic?	ns abou	t health care and me	edicine. The fire	st question is: as an adult, have you ever been
	Yes No Not sure/Refused		S ASK Q.4 SKIP TO Q.5 SKIP TO Q.5		
4.	When you have an antibiotic, do you better?	ı always	finish the entire preso	cription or do y	ou sometimes stop taking it once you start to feel
	Percentages based only on the 88% v	who said	I "Yes" in Q.3.		
	Always finish Sometimes stop Depends (Vol.) Not sure/Refused	68% 22 9 1			

5. **(ASK EVERYONE)** Do you think all antibiotics treat all infections, or do you think you need specific antibiotics depending on what needs to be treated?

All treat all 13% Specific antibiotics depending on need 75 Not sure/Refused 12

6. Have you ever specifically asked a doctor to prescribe an antibiotic for you or a family member after the doctor said antibiotics were not necessary?

 Yes
 12%

 No
 83

 Not sure/Refused
 5

7. Do you currently have any unfinished antibiotic prescriptions, whether they were prescribed to you or another household member, stored in your medicine cabinet or elsewhere in your house?

Yes 19% No 72 Not sure/Refused 10

8. Have you ever taken an antibiotic that was prescribed for someone else or offered an antibiotic that was prescribed to you to a family member or friend who wasn't feeling well?

Yes 10% No 86 Not sure/Refused 4

9. If you need to dispose of an antibiotic or other prescription medicine, do you typically (READ LIST WITH RANDOM START)

Throw it in the trash 44%
Flush it down the toilet 24
Take it back to a pharmacy or doctor's office 6

OR (READ LAST)
Something else? 17
(DON'T READ)
Not sure/Refused 9

10. Do you think the overuse of antibiotics leads to an increase in superbugs that are highly resistant to antibiotics?

 Yes
 56%

 No
 14

 Not sure/Refused
 31

NOW I'D LIKE TO ASK YOU A FEW LAST QUESTIONS FOR COMPARISON PURPOSES ONLY.

11. First, what is your age?

30%
31
22
15
3

12. Are you of Latino, Hispanic, or Spanish origin?

Yes	29%
No	70
Not sure	1

13. And finally, what is your racial background – are you white, black or African American, American Indian, Asian or of some other race? If you are multi-racial, please indicate all races that comprise your racial background. (ACCEPT UP TO SIX RESPONSES)

White	47%
Black/African American	16
American Indian	1
Asian	7
Other	13
Latino/Hispanic/Spanish (vol.)	29
Not sure/Refused	1

THANK YOU. YOU HAVE BEEN MOST HELPFUL.

THIS INFORMATION IS TO BE RECORDED AFTER THE INTERVIEW HAS BEEN COMPLETED.

14. Respondent's Gender:

Male 47% Female 53

			REGI	ON	TAKEN ANTIBIO	OTIC AS ADULT	RACE	RACE	RACE	RACE
		TOTAL	New York City	Long Island	Yes	No	White	Black	Hispanic	Other
PHONE	Cell	60%	60%	60%	60%	56%	52%	63%	71%	66%
	Landline	40%	40%	40%	40%	44%	48%	38%	29%	34%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.2 REGION	Bronx/Bronx County	12%	16%	0%	12%	7%	10%	11%	18%	12%
	Brooklyn/Kings County	22%	30%	0%	22%	28%	21%	26%	16%	25%
	Manhattan/New York County	16%	21%	0%	16%	15%	18%	15%	19%	21%
	Nassau County	12%	0%	48%	13%	7%	15%	7%	9%	9%
	Queens/Queens County	21%	28%	0%	19%	32%	17%	25%	24%	17%
	Staten Island/Richmond County	4%	6%	0%	4%	4%	4%	1%	3%	7%
	Suffolk County	13%	0%	52%	14%	6%	15%	15%	11%	8%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.3 HAVE YOU	Yes	88%	86%	94%	100%	0%	90%	84%	83%	89%
EVER BEEN PRESCRIBED AN	No	12%	14%	6%	0%	100%	10%	15%	17%	10%
ANTIBIOTIC?	Not sure/Refused	0%	0%	0%	0%	0%	0%	1%	0%	1%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121

			GEN	IDER		A	GE			GE	NDER/AGE	
		TOTAL	Men	Women	18-34	35-49	50-64	65+	Men under 50	Men 50+	Women under 50	Women 50+
PHONE	Cell	60%	59%	60%	80%	65%	51%	25%	76%	38%	70%	43%
	Landline	40%	41%	40%	20%	35%	49%	75%	24%	62%	30%	57%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103
Q.2 REGION	Bronx/Bronx County	12%	12%	12%	13%	9%	12%	13%	13%	10%	9%	17%
	Brooklyn/Kings County	22%	22%	23%	26%	26%	17%	15%	27%	16%	25%	17%
	Manhattan/New York County	16%	16%	16%	12%	17%	15%	22%	13%	20%	16%	16%
	Nassau County	12%	12%	12%	11%	10%	16%	11%	9%	15%	12%	13%
	Queens/Queens County	21%	21%	21%	20%	21%	21%	21%	23%	17%	18%	25%
	Staten Island/Richmond County	4%	4%	4%	3%	6%	5%	1%	4%	4%	5%	3%
	Suffolk County	13%	14%	13%	15%	11%	14%	16%	11%	18%	14%	11%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103
Q.3 HAVE YOU	Yes	88%	86%	90%	87%	89%	91%	85%	85%	89%	91%	89%
EVER BEEN PRESCRIBED AN	No	12%	14%	10%	12%	10%	9%	15%	15%	11%	8%	11%
ANTIBIOTIC?	Not sure/Refused	0%	0%	1%	1%	1%	0%	0%	0%	0%	1%	0%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103

			REGI	ON	TAKEN ANTIBIO	OTIC AS ADULT	RACE	RACE	RACE	RACE
		TOTAL	New York City	Long Island	Yes	No	White	Black	Hispanic	Other
Q.4 DO YOU	Always finish	68%	65%	75%	68%	0%	74%	65%	57%	66%
ALWAYS FINISH THE ENTIRE	Sometimes stop	22%	25%	14%	22%	0%	17%	21%	31%	22%
PRESCRIPTION?	Depends	9%	9%	10%	9%	0%	9%	10%	10%	11%
	Not sure/Refused	1%	1%	1%	1%	0%	0%	4%	1%	1%
Total		100%	100%	100%	100%	0%	100%	100%	100%	100%
		527	385	142	527	0	255	81	145	108
Q.5 DO ALL	All treat all	13%	13%	11%	13%	10%	11%	11%	15%	12%
ANTIBIOTICS TREAT ALL INFECTIONS?	Specific antibiotics depending on need	75%	74%	80%	78%	59%	79%	75%	68%	77%
	Not sure/Refused	12%	13%	9%	10%	31%	10%	14%	17%	11%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.6 HAVE YOU ASKED DOCTOR	Yes	12%	12%	11%	13%	4%	11%	10%	15%	12%
FOR ANTIBIOTICS WHEN TOLD NOT NECESSARY?	No	83%	83%	83%	82%	87%	85%	82%	79%	83%
	Not sure/Refused	5%	5%	7%	5%	8%	4%	7%	6%	5%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121

			GEN	IDER		A	GE			GENDER/AGE				
		TOTAL	Men	Women	18-34	35-49	50-64	65+	Men under 50	Men 50+	Women under 50	Women 50+		
Q.4 DO YOU	Always finish	68%	63%	71%	64%	68%	70%	78%	62%	68%	69%	79%		
ALWAYS FINISH THE ENTIRE	Sometimes stop	22%	22%	21%	21%	23%	19%	20%	21%	24%	23%	15%		
PRESCRIPTION?	Depends	9%	12%	7%	12%	8%	10%	3%	13%	9%	8%	5%		
	Not sure/Refused	1%	2%	0%	3%	1%	0%	0%	4%	0%	69% 23%	0%		
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
		527	243	284	154	167	118	76	136	102	185	92		
Q.5 DO ALL	All treat all	13%	15%	10%	14%	13%	11%	11%	15%	17%	13%	5%		
ANTIBIOTICS TREAT ALL INFECTIONS?	Specific antibiotics depending on need	75%	73%	78%	71%	79%	82%	72%	72%	75%	77%	82%		
	Not sure/Refused	12%	12%	12%	15%	8%	7%	17%	13%	9%	10%	14%		
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
		600	283	317	177	187	129	89	160	115	204	103		
Q.6 HAVE YOU ASKED DOCTOR	Yes	12%	8%	16%	11%	16%	13%	6%	8%	8%	18%	13%		
FOR ANTIBIOTICS WHEN TOLD NOT NECESSARY?	No	83%	85%	81%	84%	78%	81%	93%	84%	86%	78%	86%		
	Not sure/Refused	5%	7%	3%	6%	6%	5%	1% 8% 6%	4%	1%				
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
		600	283	317	177	187	129	89	160	115	204	103		

			REGIO	ON	TAKEN ANTIBIO	OTIC AS ADULT	RACE	RACE	RACE	RACE
		TOTAL	New York City	Long Island	Yes	No	White	Black	Hispanic	Other
Q.7 DO YOU HAVE	Yes	19%	19%	19%	21%	7%	21%	21%	18%	16%
UNFINISHED	No	72%	71%	72%	70%	83%	73%	73%	72%	69%
ANTIBIOTICS IN HOME?	Not sure/Refused	10%	10%	9%	9%	10%	6%	6%	10%	16%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.8 HAVE YOU EVER	Yes	10%	11%	7%	10%	7%	9%	9%	13%	11%
TAKEN/OFFERED	No	86%	86%	89%	86%	87%	89%	86%	82%	83%
UNPRESCRIBED ANTIBIOTIC?	Not sure/Refused	4%	4%	5%	4%	6%	2%	4%	6%	6%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.9 TYPICAL ANTIBIOTIC/PRES	Throw it in the trash	44%	45%	41%	44%	38%	46%	33%	49%	36%
CRIPTION MEDICINE DISPOSAL	Flush it down the toilet	24%	24%	25%	26%	11%	23%	31%	24%	26%
<i>Dist</i> 65.12	Take it back to pharmacy or doctor's office	6%	5%	9%	7%	1%	6%	4%	5%	7%
	Something else	17%	17%	17%	16%	24%	18%	19%	13%	18%
	Not sure/Refused	9%	9%	9%	7%	25%	7%	13%	9%	12%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121

			GEN	IDER		A	GE			GEI	NDER/AGE	
		TOTAL	Men	Women	18-34	35-49	50-64	65+	Men under 50	Men 50+	Women under 50	Women 50+
Q.7 DO YOU HAVE	Yes	19%	21%	17%	18%	21%	19%	16%	23%	19%	17%	16%
UNFINISHED	No	72%	70%	73%	71%	71%	69%	81%	68%	73%	73%	75%
ANTIBIOTICS IN HOME?	Not sure/Refused	10%	9%	10%	11%	8%	12%	3%	9%	8%	10%	10%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103
Q.8 HAVE YOU EVER	Yes	10%	11%	9%	11%	10%	10%	2%	13%	8%	9%	6%
TAKEN/OFFERED	No	86%	84%	88%	84%	87%	86%	97%	81%	90%	88%	91%
UNPRESCRIBED ANTIBIOTIC?	Not sure/Refused	4%	5%	3%	5%	3%	4%	1%	6%	3%	3%	3%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103
Q.9 TYPICAL ANTIBIOTIC/PRES	Throw it in the trash	44%	43%	44%	55%	39%	37%	44%	44%	44%	49%	35%
CRIPTION MEDICINE DISPOSAL	Flush it down the toilet	24%	24%	24%	19%	30%	30%	16%	30%	17%	21%	32%
DIOI COME	Take it back to pharmacy or doctor's office	6%	6%	6%	5%	4%	7%	10%	3%	11%	6%	5%
	Something else	17%	18%	16%	13%	19%	16%	20%	16%	20%	17%	15%
	Not sure/Refused	9%	8%	10%	8%	7%	10%	10%	8%	7%	8%	14%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103

			REGI	ON	TAKEN ANTIBIO	OTIC AS ADULT	RACE	RACE	RACE	RACE
		TOTAL	New York City	Long Island	Yes	No	White	Black	Hispanic	Other
Q.10 DO YOU THINK	Yes	56%	55%	56%	57%	41%	62%	53%	43%	56%
ANTIBIOTIC OVERUSE LEADS	No	14%	14%	13%	13%	18%	10%	15%	20%	12%
TO INCREASE IN SUPERBUGS?	Not sure/Refused	31%	31%	32%	29%	41%	27%	32%	37%	31%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.11 AGE	18-34	30%	29%	30%	29%	31%	27%	26%	39%	30%
	35-49	30% 29% 30% 29% 31% 33% 26% 32% 22% 20% 25% 22%	27%	29%	36%	32%	37%			
	50-64	22%	20%	25%	22%	15%	21%	25%	17%	21%
	65+	15%	14%	16%	14%	18%	22%	11%	9%	10%
	Refused	3%	3%	3%	2%	8%	2%	1%	3%	2%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.12 HISPANIC	Yes	29%	31%	23%	28%	41%	10%	13%	100%	21%
	No	70%	68%	76%	72%	58%	90%	86%	0%	79%
	Not sure	1%	1%	1%	1%	1%	1%	1%	0%	1%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121

			GEN	NDER		A	GE			GEI	NDER/AGE	
		TOTAL	Men	Women	18-34	35-49	50-64	65+	Men under 50	Men 50+	Women under 50	Women 50+
Q.10 DO YOU THINK	Yes	56%	55%	56%	48%	57%	64%	61%	51%	63%	54%	62%
ANTIBIOTIC OVERUSE LEADS	No	14%	14%	13%	16%	15%	12%	12%	16%	13%	15%	11%
TO INCREASE IN SUPERBUGS?	Not sure/Refused	31%	31%	31%	36%	28%	24%	27%	34%	13% 15% 23% 30% 100% 100% 115 204 0% 50% 53% 0% 47% 0% 0% 0% 100% 100%	30%	27%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103
Q.11 AGE	18-34	30%	27%	32%	100%	0%	0%	0%	48%	0%	50%	0%
	35-49	31%	30%	32%	0%	100%	0%	0%	53%	0%	50%	0%
	50-64	22%	22%	21%	0%	0%	100%	0%	0%	53%	0%	66%
	65+	15%	19%	11%	0%	0%	0%	100%	0%	47%	0%	34%
	Refused	3%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103
Q.12 HISPANIC	Yes	29%	30%	28%	38%	30%	23%	17%	36%	23%	32%	17%
	No	70%	68%	72%	60%	70%	77%	83%	63%	77%	67%	83%
	Not sure	1%	1%	1%	2%	1%	0%	0%	1%	0%	1%	0%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	283	317	177	187	129	89	160	115	204	103

		TOTAL	REGION		TAKEN ANTIBIO	RACE	RACE	RACE	RACE	
			New York City	Long Island	Yes	No	White	Black	Hispanic	Other
Q.13 RACE	White	47%	44%	56%	48%	38%	100%	8%	16%	19%
	Black/African American	16%	17%	14%	15%	20%	3%	100%	7%	3%
	American Indian	1%	1%	0%	1%	0%	0%	0%	0%	3%
	Asian	7%	7%	6%	7%	4%	1%	0%	0%	32%
	Other	13%	15%	8%	13%	13%	7%	4%	14%	64%
	Latino/Hispanic/Spa nish	29%	31%	23%	28%	41%	10%	13%	100%	21%
	Not sure/Refused	1%	0%	1%	0%	3%	0%	0%	0%	0%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121
Q.14 GENDER	Men	47%	47%	48%	46%	56%	47%	51%	49%	40%
	Women	53%	53%	52%	54%	44%	53%	49%	51%	60%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%
		600	449	151	527	71	282	96	174	121

		TOTAL	GENDER		AGE				GENDER/AGE				
			Men	Women	18-34	35-49	50-64	65+	Men under 50	Men 50+	Women under 50	Women 50+	
Q.13 RACE	White	47%	47%	47%	42%	43%	46%	69%	40%	58%	45%	51%	
	Black/African American	16%	17%	15%	14%	19%	19%	12%	20%	15%	14%	17%	
	American Indian	1%	0%	1%	0%	1%	2%	0%	0%	1%	1%	1%	
	Asian	7%	4%	9%	7%	8%	8%	2%	5%	2%	9%	10%	
	Other	13%	13%	13%	14%	15%	10%	11%	14%	10%	14%	11%	
	Latino/Hispanic/Spa nish	29%	30%	28%	38%	30%	23%	17%	36%	23%	32%	17%	
	Not sure/Refused	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
		600	283	317	177	187	129	89	160	115	204	103	
Q.14 GENDER	Men	47%	100%	0%	43%	45%	47%	61%	100%	100%	0%	0%	
	Women	53%	0%	100%	57%	55%	53%	39%	0%	0%	100%	100%	
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
		600	283	317	177	187	129	89	160	115	204	103	