Contraception at last intercourse among sexually active adults who had vaginal sex in the past 12 months by selected demographics, NYC 2019

Table 1. Contraception at last intercourse among sexually active women aged 18-44 who had vaginal sex in the past 12 months by selected demographics, NYC 2019

Table 2. Contraception at last intercourse among sexually active men aged 18-65‡ who had vaginal sex in the past 12 months by selected demographics, NYC 2019

Data Source: NYC Community Health Survey (CHS) 2019. CHS has included adults with landline phones since 2002 and, starting in 2009, also has included adults who can be reached by cell-phone. CHS 2019 data are weighted to the adult residential population per the American Community Survey, 2018. Note: data are not age-adjusted.

 Data are based on self-reported response to the following questions:
Women ages 18-44 years:
1. During the past 12 months, with how many men have you had sex? By sex we mean oral, vaginal or anal sex, but not masturbation.
2. The last time you had sex, did you use a condom?
3. The last time you had vaginal sex, did you or your partner use any other method of birth control besides condoms to prevent a pregnancy?
4. What method or methods did you use?

Men ages 18-65 years:
1. During the past 12 months, with how many women have you had sex? By sex we mean oral, vaginal or anal sex, but not masturbation.
2. The last time you had sex, did you use a condom?
3. The last time you had sex with a woman, did you use a condom?
4. The last time you had vaginal sex, did you or your partner use any other method of birth control besides condoms to prevent a pregnancy?
5. What method or methods did you use?

Comparison to EpiQuery: EpiQuery, the online data tool that DOHMH uses to provide the public with CHS data, includes indicators of contraceptive use and type among women ages 18-44. Although 2018 data are not yet included in EpiQuery, when they are added they may use the same methodology as in past years, which differs slightly from the way these tables were prepared. In these tables, respondents who had a missing response to either the question about condom use or type of birth control use were excluded from the analysis. Analysis in EpiQuery includes women who did not answer either the question about condom use or type of birth control use, as long as they answered at least one of them. In addition, the analysis in EpiQuery excludes women who reported using methods not listed and reported not using condoms during last vaginal sex.

Table 1. Contraception at last intercourse among sexually active women aged 18-44 who had vaginal sex in the past 12 months by selected demographics, NYC 2019

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Any Method	58.5	54.6-62.4	0.522
Short-acting hormonal birth control[1]	17.2	14.5-20.3	0.910
Pill	12.1	10.0-14.7	0.580
Long-acting reversible contraceptives[2]	14.2	11.7-17.2	**0.038**
Condom	32.5	28.9-36.2	0.790
Dual contraception[3]	9.0	7.0-11.6	0.323
Other method	3.7	2.4-5.7	0.611
No contraception	41.5	37.6-45.4	0.522
By age group			
Any Method			
18-24	73.5	64.0-81.2	0.284
25-44	54.7	50.4-58.9	0.885
Short-acting hormonal birth control[1]			
18-24	26.8	19.2-36.0	0.528
25-44	14.8	12.2-17.8	0.547
Pill			
18-24	18.4	12.3-26.6	0.986
25-44	10.6	8.5-13.0	0.472
Long-acting reversible contraceptives[2]			
18-24	17.1	11.0-25.7	0.259
25-44	13.5	10.9-16.6	0.082
Condom			
18-24	49.8	40.3-59.3	0.484
25-44	28.0	24.4-31.9	0.432
Dual contraception[3]			
18-24	21.7	14.9-30.4	0.207
25-44	5.8	4.1-8.1	0.893
Other method			
18-24	1.4*	0.4-5.1	0.738
25-44	4.3	2.8-6.7	0.533
No contraception			
18-24	26.5	18.8-36.0	0.284
25-44	45.3	41.1-49.6	0.885

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
By race/ethnicity			
Any Method			
White, Non-Latino	57.0	49.7-64.0	0.978
Black, Non-Latino	57.0	48.8-64.9	0.228
Latino	54.0	47.2-60.6	0.967
Asian/PI, Non-Latino	76.2	66.7-83.7	0.878
Short-acting hormonal birth control[1]			
White, Non-Latino	20.8	15.7-27.1	0.445
Black, Non-Latino	14.5	9.7-21.0	0.775
Latino	15.4	11.3-20.5	0.818
Asian/PI, Non-Latino	19.3	11.7-30.2	0.721
Pill			
White, Non-Latino	17.5	12.9-23.4	0.283
Black, Non-Latino	7.9	5.0-12.2	0.433
Latino	9.7	6.7-13.7	0.363
Asian/PI, Non-Latino	12.9	7.3-21.8	0.187
Long-acting reversible contraceptives[2]			
White, Non-Latino	14.4	10.2-19.9	0.737
Black, Non-Latino	15.2	10.0-22.4	0.198
Latino	15.7	11.3-21.3	0.201
Asian/PI, Non-Latino	7.2*	3.4-14.4	0.201
Condom			
White, Non-Latino	24.6	18.9-31.2	0.561
Black, Non-Latino	35.7	28.3-43.8	0.313
Latino	29.1	23.5-35.3	0.592
Asian/PI, Non-Latino	56.3*	44.7-67.2	0.741
Dual contraception[3]			
White, Non-Latino	5.8	3.2-10.1	0.724
Black, Non-Latino	9.8	5.7-16.5	0.488
Latino	10.3	6.9-15.1	0.222
Asian/PI, Non-Latino	13.4*	7.0-24.2	0.469
Other method			
White, Non-Latino	3.2*	1.5-6.6	0.236
Black, Non-Latino	1.5*	0.6-3.8	0.926
Latino	4.3*	2.2-8.0	0.168
Asian/PI, Non-Latino	^	--	--
No contraception			
White, Non-Latino	43.0	36.0-50.3	0.978

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Black, Non-Latino	43.0	35.1-51.2	0.228
Latino	46.0	39.4-52.8	0.967
Asian/PI, Non-Latino	23.8	16.3-33.3	0.878
By education			
Any Method			
< HS Grad	45.4*	32.9-58.6	0.266
HS Grad	57.6	48.7-66.0	0.300
Some College	64.8	57.1-71.8	0.066
College grad +	58.2	52.4-63.7	0.343
Short-acting hormonal birth control[1]			
< HS Grad	10.6*	4.3-23.9	0.605
HS Grad	17.5	11.7-25.3	0.320
Some College	14.0	9.9-19.6	0.208
College grad +	20.3	16.2-25.1	0.921
Pill			
< HS Grad	^	--	**--**
HS Grad	6.4	3.8-10.6	0.555
Some College	9.7	6.5-14.4	0.091
College grad +	18.2	14.3-22.9	0.475
Long-acting reversible contraceptives[2]			
< HS Grad	9.0*	4.0-18.9	0.641
HS Grad	14.6	9.4-22.0	0.166
Some College	16.6	11.2-23.9	**0.034**
College grad +	13.8	10.5-17.8	0.992
Condom			
< HS Grad	32.9*	21.6-46.5	0.825
HS Grad	31.0	23.6-39.5	0.914
Some College	39.2	31.8-47.2	0.480
College grad +	28.9	24.2-34.1	0.399
Dual contraception[3]			
< HS Grad	^	--	**--**
HS Grad	9.5	5.4-16.2	0.283
Some College	10.9	6.8-17.1	0.809
College grad +	7.6	5.3-10.8	0.618
Other method			
< HS Grad	1.7*	0.5-5.0	0.994
HS Grad	^	--	**--**

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Some College	5.8*	2.7-11.9	0.139
College grad +	2.8	1.7-4.7	0.340
No contraception			
< HS Grad	54.6*	41.4-67.1	0.266
HS Grad	42.4	34.0-51.3	0.300
Some College	35.2	28.2-42.9	0.066
College grad +	41.8	36.3-47.6	0.343
By Borough			
Any Method			
Bronx	57.2	48.6-65.4	0.523
Brooklyn	58.9	52.2-65.2	0.229
Manhattan	64.0	54.5-72.5	0.652
Queens	53.2	45.2-61.1	0.546
Staten Island	65.1*	50.6-77.2	0.144
Short-acting hormonal birth control[1]			
Bronx	17.7	11.9-25.6	0.494
Brooklyn	15.7	11.9-20.5	0.876
Manhattan	21.7	15.0-30.3	0.850
Queens	13.0	8.8-18.9	0.570
Staten Island	26.4*	14.9-42.2	0.334
Pill			
Bronx	7.5	4.2-13.2	**0.024**
Brooklyn	13.0	9.7-17.2	0.740
Manhattan	17.4	11.7-25.1	0.213
Queens	8.7	5.3-13.7	0.167
Staten Island	17.9*	9.7-30.5	0.692
Long-acting reversible contraceptives[2]			
Bronx	15.0	10.1-21.8	0.050
Brooklyn	13.0	9.1-18.1	0.472
Manhattan	18.3	12.0-27.0	0.691
Queens	11.5	7.5-17.3	0.161
Staten Island	14.5*	7.0-27.7	0.494
Condom			
Bronx	35.2	27.6-43.7	0.207
Brooklyn	34.4	28.3-41.1	0.408
Manhattan	34.4	26.1-43.7	0.824
Queens	28.6	22.1-36.0	0.088
Staten Island	24.0*	13.3-39.3	0.498

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Dual contraception[3]			
Bronx	12.7	7.6-20.3	0.066
Brooklyn	6.2	3.8-9.9	0.914
Manhattan	13.1	8.1-20.5	0.490
Queens	6.9*	3.7-12.5	0.911
Staten Island	6.3*	2.5-15.1	0.359
Other method			
Bronx	1.9*	0.8-4.9	0.984
Brooklyn	1.9*	0.8-4.8	0.418
Manhattan	2.7*	1.1-6.8	0.504
Queens	7.0*	3.6-13.4	0.196
Staten Island	^	--	**--**
No contraception			
Bronx	42.8	34.6-51.4	0.523
Brooklyn	41.1	34.8-47.8	0.229
Manhattan	36.0	27.5-45.5	0.652
Queens	46.8	38.9-54.8	0.546
Staten Island	34.9*	22.8-49.4	0.144

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

Bold p-values are significant at the 0.05 level.

*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.

[1] Short-acting hormonal birth control (SHBC) includes the birth control pill, Depo-Provera, patch, ring, and emergency contraception.

[2] Long-acting reversible contraceptives (LARC) includes intrauterine device (IUD) and implant.

[3] Dual contraception defined as use of SHBC/LARC/sterilization with condom.

Table 2. Contraception at last intercourse among sexually active men aged 18-65‡ who had vaginal sex in the past 12 months by selected demographics, NYC 2019

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Any Method	51.6	48.3-54.9	0.825
Short-acting hormonal birth control[1]	16.5	14.3-19.1	0.218
Pill	14.3	12.2-16.7	0.107
Long-acting reversible contraceptives[2]	7.0	5.5-8.9	**0.025**
Condom	32.3	29.3-35.5	0.286
Dual contraception[3]	6.6	5.1-8.6	0.495
Other method	2.5	1.6-4.0	0.304
No contraception	48.4	45.1-51.7	0.825
By age group			
Any Method			
18-24	77.5	68.1-84.7	0.787
25-44	58.7	54.0-63.3	0.595
45-65	31.4	26.8-36.4	0.568
Short-acting hormonal birth control[1]			
18-24	32.8	24.8-41.9	0.423
25-44	19.4	16.0-23.3	0.552
45-65	6.2	4.3-8.9	0.511
Pill			
18-24	28.6	21.0-37.6	0.231
25-44	16.5	13.3-20.2	0.351
45-65	5.7	3.8-8.3	0.626
Long-acting reversible contraceptives[2]			
18-24	15.6	9.4-24.8	**0.013**
25-44	8.4	6.2-11.2	0.421
45-65	1.7*	0.9-3.3	0.343
Condom			
18-24	49.6	40.2-59.0	0.100
25-44	36.2	31.9-40.9	0.661
45-65	20.1	16.4-24.4	0.070
Dual contraception[3]			
18-24	20.9	14.2-29.6	0.490
25-44	6.8	4.7-9.7	0.753
45-65	1.1*	0.6-2.1	0.599
Other method			

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
18-24	0.4*	0.1-1.5	0.051
25-44	1.7*	0.9-3.4	0.068
45-65	4.5*	2.4-8.2	0.354
No contraception			
18-24	22.5	15.3-31.9	0.787
25-44	41.3	36.7-46.0	0.595
45-65	68.6	63.6-73.2	0.568
By race/ethnicity			
Any Method			
White, Non-Latino	48.0	42.6-53.5	0.961
Black, Non-Latino	49.1	41.9-56.3	0.213
Latino	56.1	49.9-62.1	0.761
Asian/PI, Non-Latino	53.0	43.5-62.3	0.220
Short-acting hormonal birth control[1]			
White, Non-Latino	21.9	17.7-26.8	0.111
Black, Non-Latino	11.7	8.2-16.5	0.878
Latino	16.3	12.1-21.5	0.776
Asian/PI, Non-Latino	8.1	4.8-13.4	0.560
Pill			
White, Non-Latino	20.8	16.7-25.7	0.131
Black, Non-Latino	8.9	6.0-12.8	0.655
Latino	12.4	8.7-17.4	0.501
Asian/PI, Non-Latino	7.1	4.1-12.0	0.989
Long-acting reversible contraceptives[2]			
White, Non-Latino	8.0	5.4-11.6	0.633
Black, Non-Latino	6.0*	3.2-11.1	0.202
Latino	9.1	6.1-13.4	**0.012**
Asian/PI, Non-Latino	1.4*	0.4-4.2	0.929
Condom			
White, Non-Latino	23.7	19.3-28.9	0.807
Black, Non-Latino	31.2	25.0-38.2	0.883
Latino	37.3	31.5-43.5	0.077
Asian/PI, Non-Latino	43.9	34.9-53.4	0.380
Dual contraception[3]			
White, Non-Latino	8.2	5.4-12.2	0.070
Black, Non-Latino	3.3*	1.8-6.1	0.527
Latino	8.5	5.4-13.1	0.790

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Asian/PI, Non-Latino	1.7*	0.8-3.7	0.204
Other method			
White, Non-Latino	2.6*	1.3-5.0	0.201
Black, Non-Latino	3.5*	1.4-8.5	0.499
Latino	2.5*	1.0-6.4	0.850
Asian/PI, Non-Latino	1.3*	0.4-4.0	0.199
No contraception			
White, Non-Latino	52.0	46.5-57.4	0.961
Black, Non-Latino	50.9	43.7-58.1	0.213
Latino	43.9	37.9-50.1	0.761
Asian/PI, Non-Latino	47.0	37.7-56.5	0.220
By education			
Any Method			
< HS Grad	45.0	35.6-54.7	0.248
HS Grad	48.2	41.6-54.9	0.430
Some College	54.2	47.5-60.7	0.306
College grad +	54.9	49.8-59.8	0.629
Short-acting hormonal birth control[1]			
< HS Grad	8.8*	4.7-15.7	0.977
HS Grad	11.6	8.0-16.4	0.812
Some College	16.5	12.4-21.7	0.755
College grad +	23.1	18.9-27.9	0.111
Pill			
< HS Grad	7.3*	3.6-14.3	0.594
HS Grad	9.0	5.9-13.4	0.913
Some College	13.2	9.4-18.0	0.778
College grad +	21.5	17.5-26.3	0.080
Long-acting reversible contraceptives[2]			
< HS Grad	2.9*	1.1-7.1	0.588
HS Grad	6.6	3.7-11.3	0.111
Some College	6.5	3.8-10.6	0.186
College grad +	9.3	6.7-12.9	0.344
Condom			
< HS Grad	36.6	27.8-46.3	0.172
HS Grad	33.8	27.7-40.5	0.975
Some College	33.0	27.2-39.3	0.703
College grad +	29.2	24.8-34.1	0.711

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Dual contraception[3]			
< HS Grad	3.9*	1.4-10.0	0.544
HS Grad	5.1*	2.8-9.3	0.582
Some College	6.8	4.4-10.4	0.666
College grad +	8.7	5.9-12.7	**0.034**
Other method			
< HS Grad	0.6*	0.2-2.3	0.334
HS Grad	1.4*	0.4-4.4	0.869
Some College	5.7*	2.8-11.1	0.319
College grad +	2.0*	1.0-3.8	**0.007**
No contraception			
< HS Grad	55.0	45.3-64.4	0.248
HS Grad	51.8	45.1-58.4	0.430
Some College	45.8	39.3-52.5	0.306
College grad +	45.1	40.2-50.2	0.629
By Borough			
Any Method			
Bronx	55.9	47.9-63.6	0.154
Brooklyn	51.7	45.9-57.3	0.798
Manhattan	63.3	55.2-70.6	0.793
Queens	43.0	37.0-49.2	0.090
Staten Island	46.2*	33.8-59.1	0.092
Short-acting hormonal birth control[1]			
Bronx	14.0	9.6-20.1	0.572
Brooklyn	18.6	14.4-23.7	**0.018**
Manhattan	24.6	18.3-32.3	0.564
Queens	10.1	7.4-13.6	0.076
Staten Island	17.7	9.9-29.5	0.180
Pill			
Bronx	12.2	8.1-18.0	0.254
Brooklyn	16.4	12.5-21.2	**0.020**
Manhattan	23.1	16.9-30.7	0.377
Queens	7.6	5.3-10.7	0.090
Staten Island	13.5*	6.8-25.0	0.271
Long-acting reversible contraceptives[2]			
Bronx	11.2	6.5-18.5	**0.009**
Brooklyn	6.2	3.9-9.7	0.114

Contraception type (alone or with other methods)	Percent	95% Confidence Interval	p values 2019 vs. 2018
Manhattan	12.7	8.4-18.8	**0.049**
Queens	2.7	1.5-4.9	0.060
Staten Island	^	--	--
Condom			
Bronx	33.7	26.8-41.4	0.525
Brooklyn	31.9	26.8-37.6	0.130
Manhattan	35.8	28.3-44.0	0.655
Queens	29.8	24.5-35.7	0.644
Staten Island	32.4*	21.4-45.8	0.091
Dual contraception[3]			
Bronx	4.4	2.4-7.9	0.691
Brooklyn	6.1	3.8-9.7	0.927
Manhattan	12.4	7.5-19.6	0.317
Queens	3.9	2.3-6.5	0.555
Staten Island	10.3*	4.4-22.6	0.097
Other method			
Bronx	^	--	--
Brooklyn	1.0*	0.5-1.9	**0.002**
Manhattan	2.5*	0.9-6.4	0.384
Queens	4.2*	2.1-8.6	0.409
Staten Island	^	--	--
No contraception			
Bronx	44.1	36.4-52.1	0.154
Brooklyn	48.3	42.7-54.1	0.798
Manhattan	36.7	29.4-44.8	0.793
Queens	57.0	50.8-63.0	0.090
Staten Island	53.8*	40.9-66.2	0.092

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

Bold p-values are significant at the 0.05 level.

*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.

‡ Female sex partners may be of any age

[1] Short-acting hormonal birth control (SHBC) includes the birth control pill, Depo-Provera, patch, ring, and emergency contraception.

[2] Long-acting reversible contraceptives (LARC) includes intrauterine device (IUD) and implant.

3 Dual contraception defined as use of SHBC/LARC/sterilization with condom.

Contraception at Last Intercourse Among Sexually Active New York City Public High School Students, by age, grade, Neighborhood Health Action Center area of school, borough of school, race/ethnicity and sex, New York City, 2019

Table 1. Contraception at Last Intercourse among Sexually Active New York City Public High School Students, Youth Risk Behavior Survey (YRBS) 2019

Table 2. Percent of Sexually Active New York City Public High School Students Who Used a Condom at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

Table 3. Percent of Sexually Active New York City Public High School Students Who Used Hormonal or Long-Acting Reversible Contraception (LARC) at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

Table 4. Percent of Sexually Active New York City Public High School Students Who Used the Birth Control Pill at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

Table 5. Percent of Sexually Active New York City Public High School Students Who Used Dual Contraception at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

Data Source: The NYC Youth Risk Behavior Survey (YRBS), conducted in collaboration by the Health Department and the NYC Department of Education, is an anonymous, biennial, self-administered survey of NYC public high school students in grades 9 to 12. Data are weighted to the NYC public high school student population. The NYC YRBS is conducted every two years and was last completed in 2019.

Data are based on self-reported response to the following questions:

1. During the past 3 months, with how many people did you have sexual intercourse?

2. The last time you had sexual intercourse, did you or your partner use a condom?

3. The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy?

4. Did you or your partner use Emergency Contraception (the "Morning-After Pill") after the last time you had sexual intercourse?

Comparison to EpiQuery: EpiQuery, the online data tool that DOHMH uses to provide YRBS data to the public, includes indicators of condom use and method of contraception. The methodology used in EpiQuery differs slightly from the way these tables were prepared. The EpiQuery analysis is based solely on question 2 from the above list and does not take into account questions on condom or Emergency Contraception use at last intercourse. Further, analysis on EpiQuery combines the "withdrawal" method into a separate "other" contraception category, whereas the tables below showing the mutually exclusive categories do not.

Table 1. Contraception at Last Intercourse among Sexually Active[1] New York City Public High School Students, Youth Risk Behavior Survey (YRBS) 2019

	Percent	95% Confidence Interval
All		
Condom, alone or with other methods	54.9	50.1-59.6
Hormonal birth control (HBC) or LARC, alone or with other methods[2,3]	31.5	27.7-35.7
Birth control pill, alone or with other methods	14.5	11.9-17.5
Emergency contraception, alone or with other methods	13.4	11.2-16.0
Mutually exclusive categories:		
Condom, no hormonal birth control (HBC) or LARC[3]	44.1	39.9-48.4
Hormonal birth control (HBC) or LARC, no condom[2,3]	20.8	16.8-25.3
Dual contraception: condom + HBC/LARC[3]	10.8	8.6-13.4
Withdrawal/other only	6.5	4.9-8.6
No contraception	17.9	15.2-20.9
Females		
Condom, alone or with other methods	48.5	43.4-53.7
Hormonal birth control (HBC) or LARC, alone or with other methods[2,3]	35.0	29.5-40.8
Birth control pill, alone or with other methods	13.8	10.4-18.2
Emergency contraception, alone or with other methods	15.8	12.6-19.7
Mutually exclusive categories:		
Condom, no hormonal birth control (HBC) or LARC[3]	37.3	32.9-42.0
Hormonal birth control (HBC) or LARC, no condom[2,3]	23.7	19.0-29.3
Dual contraception: condom + HBC/LARC[3]	11.2	8.2-15.2
Withdrawal/other only	5.4	3.4-8.5
No contraception	22.3	18.2-27.1
Males		
Condom, alone or with other methods	62.8	55.7-69.4
Hormonal birth control (HBC) or LARC, alone or with other methods[2,3]	26.7	21.7-32.4
Birth control pill, alone or with other methods	15.3	10.7-21.4
Emergency contraception, alone or with other methods	10.1	7.4-13.6
Mutually exclusive categories:		
Condom, no hormonal birth control (HBC) or LARC[3]	53.0	46.6-59.3

	Percent	95% Confidence Interval
Hormonal birth control (HBC) or LARC, no condom[2,3]	16.9	12.2-23.1
Dual contraception: condom + HBC/LARC[3]	9.8	6.7-14.0
Withdrawal/other only	7.9	5.4-11.5
No contraception	12.3	9.4-16.1

[1] Had sex in the past 3 months.
[2] HBC includes birth control pill, Depo-Provera, patch, ring, and emergency contraception. Long-acting reversible contraception (LARC) includes intrauterine device (IUD) and implant.
[3] May include those who reported also using withdrawal.
Confidence Intervals are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

Table 2. Percent of Sexually Active[1] New York City Public High School Students Who Used a Condom at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

	Percent	95% Confidence Interval
All		
Age		
14 & younger	66.0*	51.5-78.0
15	55.0*	44.5-65.1
16	50.8	43.6-58.0
17 & older	54.7	47.8-61.4
Grade Level		
9th grade	57.7*	46.4-68.3
10th grade	55.9*	44.1-67.0
11th grade	57.9	51.7-63.8
12th grade	51.8	44.8-58.9
Neighborhood Health Action Center area (of School)[2]		
South Bronx	55.5	49.3-61.6
North & Central Brooklyn	56.5*	32.3-78.0
East & Central Harlem	51.2	44.4-57.9
Non-Action Center area	54.9	49.1-60.6
Race/Ethnicity[3]		
White	56.0*	36.1-74.1
Black	50.4	42.1-58.8
Latino	53.4	47.4-59.3
Asian	72.1*	60.5-81.3
Females		
Age		
14 & younger	52.7*	38.3-66.7
15	45.2*	33.9-57.0
16	50.7	42.4-59.0
17 & older	47.7	39.2-56.4
Grade Level		
9th grade	48.7	38.9-58.7
10th grade	50.5*	37.9-63.1
11th grade	55.0	48.3-61.6

	Percent	95% Confidence Interval
12th grade	43.3	34.3-52.6
Neighborhood Health Action Center area (of School)[2]		
South Bronx	46.0*	35.4-56.9
North & Central Brooklyn	41.4*	15.2-73.6
East & Central Harlem	52.9*	37.9-67.3
Non-Action Center area	49.0	42.9-55.2
Race/Ethnicity[3]		
White	52.2*	28.0-75.4
Black	47.7*	37.4-58.2
Latino	43.6	37.5-49.9
Asian	69.7*	54.3-81.7
Males		
Age		
14 & younger	79.2*	59.7-90.7
15	68.6*	51.5-81.8
16	50.9*	37.6-64.1
17 & older	63.9	53.8-73.0
Grade Level		
9th grade	69.1*	52.3-82.1
10th grade	61.3*	43.0-76.9
11th grade	62.2	51.9-71.4
12th grade	62.9*	52.0-72.6
Neighborhood Health Action Center area (of School)[2]		
South Bronx	68.6*	47.5-84.1
North & Central Brooklyn	73.4*	37.8-92.6
East & Central Harlem	51.7*	37.0-66.2
Non-Action Center area	62.1	53.8-69.8
Race/Ethnicity[3]		
White	59.8*	37.8-78.5
Black	53.5*	43.0-63.8
Latino	69.1	60.2-76.7

	Percent	95% Confidence Interval
Asian	74.0*	60.7-83.9

[1] Had sex in the past 3 months.

[2] Neighborhood Health Action Centers: To promote health equity and reduce health disparities at the neighborhood level, the Health Department established Neighborhood Health Action Centers (formerly District Public Health Offices) in the South Bronx, East and Central Harlem, and North and Central Brooklyn, neighborhoods with high rates of chronic disease and premature death. YRBS data for Action Center areas represent teens who attend public schools in those neighborhoods.

[3] Black, White, Asian do not include Latino. Latino ethnicity includes Hispanic or Latino of any race. Confidence Intervals are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

* Interpret with caution: relative standard error >30% and/or denominator <50 and/or 95% confidence interval half-width is greater than 10; estimate may be unreliable.

Table 3. Percent of Sexually Active[1] New York City Public High School Students Who Used Hormonal or Long-Acting Reversible Contraception (LARC)[2] at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

	Percent	95% Confidence Interval
All		
Age		
14 & younger	23.9	16.2-33.8
15	25.8	17.8-35.9
16	33.6	27.8-39.9
17 & older	34.3	27.5-41.9
Grade Level		
9th grade	21.5	13.8-31.8
10th grade	33.4	24.7-43.3
11th grade	29.2	23.1-36.2
12th grade	34.3	27.3-42.1
Neighborhood Health Action Center area (of School)[3]		
South Bronx	35.0	27.4-43.4
North & Central Brooklyn	24.8*	10.8-47.2
East & Central Harlem	35.4*	23.2-49.9
Non-Action Center area	31.2	26.7-36.2
Race/Ethnicity[4]		
White	44.3*	26.8-63.4
Black	22.2	16.3-29.5
Latino	34.7	29.9-39.8
Asian	19.2*	10.8-31.7
Females		
Age		
14 & younger	20.2*	9.6-37.6
15	32.5*	20.3-47.6
16	39.6	30.2-49.9
17 & older	36.3	28.7-44.7
Grade Level		
9th grade	28.0*	16.1-44.1
10th grade	35.8*	24.4-49.1

	Percent	95% Confidence Interval
11th grade	30.7	22.9-39.7
12th grade	39.3	30.3-49.0
Neighborhood Health Action Center area (of School)[3]		
South Bronx	37.6*	24.6-52.6
North & Central Brooklyn	32.1*	13.7-58.5
East & Central Harlem	40.1*	26.2-55.7
Non-Action Center area	34.5	28.2-41.5
Race/Ethnicity[4]		
White	43.6*	21.3-68.8
Black	26.4*	17.3-38.0
Latino	37.0	31.5-42.9
Asian	28.8*	12.8-52.5
Males		
Age		
14 & younger	25.1*	11.9-45.3
15	16.3*	8.6-28.9
16	26.3*	17.0-38.2
17 & older	31.5	23.6-40.6
Grade Level		
9th grade	12.8*	5.3-28.0
10th grade	30.9*	18.2-47.4
11th grade	27.0	20.4-34.8
12th grade	28.0	19.8-38.0
Neighborhood Health Action Center area (of School)[3]		
South Bronx	31.4	24.6-39.2
North & Central Brooklyn	16.6*	6.8-35.3
East & Central Harlem	28.1*	17.6-41.7
Non-Action Center area	26.6	20.6-33.7
Race/Ethnicity[4]		
White	45.1*	27.2-64.3
Black	17.4	11.0-26.5
Latino	30.7	22.9-39.8

	Percent	95% Confidence Interval
Asian	^	^

Table 4. Percent of Sexually Active[1] New York City Public High School Students Who Used the Birth Control Pill at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

	Percent	95% Confidence Interval
All		
Age		
14 & younger	10.9*	5.2-21.6
15	8.4	5.1-13.5
16	16.5	11.2-23.6
17 & older	16.6	12.2-22.1
Grade Level		
9th grade	11.7*	6.0-21.5
10th grade	13.0*	7.0-22.9
11th grade	12.0	8.3-16.9
12th grade	17.1	12.3-23.3
Neighborhood Health Action Center area (of School)[2]		
South Bronx	13.7	9.2-19.9
North & Central Brooklyn	11.3	5.4-22.3
East & Central Harlem	^	^
Non-Action Center area	15.0	11.9-18.7
Race/Ethnicity[3]		
White	28.0*	16.8-42.6
Black	6.2	3.7-10.3
Latino	15.8	12.1-20.2
Asian	^	^
Females		
Age		
14 & younger	^	^
15	8.9*	4.5-16.7
16	16.6	10.8-24.7
17 & older	14.4	9.6-21.1
Grade Level		
9th grade	13.0*	4.9-30.0
10th grade	11.4*	5.3-22.5
11th grade	11.9	7.7-17.9

	Percent	95% Confidence Interval
12th grade	16.0	10.7-23.3
Neighborhood Health Action Center area (of School)[2]		
South Bronx	8.9*	3.9-18.8
North & Central Brooklyn	13.3*	6.0-27.2
East & Central Harlem	14.2*	5.1-33.8
Non-Action Center area	14.5	10.4-19.8
Race/Ethnicity[3]		
White	21.3*	11.8-35.2
Black	6.0*	2.9-12.0
Latino	14.6	10.3-20.4
Asian	^	^
Males		
Age		
14 & younger	^	^
15	7.7*	3.4-16.4
16	16.4*	8.0-30.7
17 & older	19.2	13.5-26.6
Grade Level		
9th grade	^	^
10th grade	14.8*	5.2-35.6
11th grade	12.1	6.9-20.3
12th grade	18.5	12.0-27.5
Neighborhood Health Action Center area (of School)[2]		
South Bronx	20.2	15.8-25.4
North & Central Brooklyn	9.1*	2.4-28.6
East & Central Harlem	^	^
Non-Action Center area	15.7	10.3-23.4
Race/Ethnicity[3]		
White	34.8*	15.8-60.3
Black	6.5*	3.0-13.6
Latino	17.3	11.0-26.2

	Percent	95% Confidence Interval
Asian	^	^

Table 5. Percent of Sexually Active[1] New York City Public High School Students Who Used Dual Contraception[2] at Last Intercourse, Youth Risk Behavior Survey (YRBS) 2019

	Percent	95% Confidence Interval
All		
Age		
14 & younger	18.3	11.0-28.8
15	11.3	6.3-19.4
16	8.7	5.2-14.3
17 & older	10.1	7.5-13.5
Grade Level		
9th grade	13.6*	6.7-25.6
10th grade	12.6	7.5-20.1
11th grade	10.6	7.0-15.7
12th grade	8.7	6.2-12.0
Neighborhood Health Action Center area (of School)[3]		
South Bronx	14.3	7.4-26.0
North & Central Brooklyn	^	^
East & Central Harlem	13.1	8.4-20.0
Non-Action Center area	10.2	7.9-13.3
Race/Ethnicity[4]		
White	7.8*	3.8-15.4
Black	9.3	5.5-15.4
Latino	12.4	9.6-15.9
Asian	11.9*	5.4-24.0
Females		
Age		
14 & younger	14.9*	5.6-34.0
15	14.0*	6.7-26.7
16	8.7*	4.4-16.2
17 & older	10.9	7.3-15.8
Grade Level		
9th grade	20.5*	9.2-39.5
10th grade	10.6*	5.4-20.0
11th grade	8.2*	4.4-14.8

	Percent	95% Confidence Interval
12th grade	10.5	6.5-16.6
Neighborhood Health Action Center area (of School)[3]		
South Bronx	13.0	8.3-19.8
North & Central Brooklyn	^	^
East & Central Harlem	14.0	9.7-20.0
Non-NHAC area	11.0	7.4-16.0
Race/Ethnicity[4]		
White	7.1*	3.8-12.8
Black	12.3*	5.6-24.8
Latino	11.6	8.1-16.2
Asian	^	^
Males		
Age		
14 & younger	18.8*	7.6-39.6
15	^	^
16	8.8*	4.5-16.6
17 & older	9.1	5.9-13.7
Grade Level		
9th grade	^	^
10th grade	14.5*	6.9-28.1
11th grade	14.1	8.5-22.3
12th grade	6.4	4.0-9.9
Neighborhood Health Action Center area (of School)[3]		
South Bronx	16.2*	4.9-42.1
North & Central Brooklyn	^	^
East & Central Harlem	12.8*	6.3-24.3
Non-Action Center area	8.8	5.7-13.4
Race/Ethnicity[4]		
White	^	^
Black	6.0*	2.8-12.1
Latino	13.8	9.3-20.1

	Percent	95% Confidence Interval
Asian	^	^

[1] Had sex in the past 3 months.

[2] Condom with hormonal birth control or long-acting reversible contraception.

[3] Neighborhood Health Action Centers: To promote health equity and reduce health disparities at the neighborhood level, the Health Department established Neighborhood Health Action Centers (formerly District Public Health Offices) in the South Bronx, East and Central Harlem, and North and Central Brooklyn, neighborhoods with high rates of chronic disease and premature death. YRBS data for Action Center areas represent teens who attend public schools in those neighborhoods.

[4] Black, White, Asian do not include Latino. Latino ethnicity includes Hispanic or Latino of any race. Confidence Intervals are a measure of estimate precision: the wider the CI, the more imprecise the estimate.

* Interpret with caution: relative standard error >30% and/or denominator <50 and/or 95% confidence interval half-width is greater than 10; estimate may be unreliable.

^ Suppressed due to imprecise and unreliable estimates.