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Data Sources

NYC Community Health Survey (CHS): The CHS is a survey of about 10,000 adults aged 18 and older from all five boroughs, conducted annually by the NYC Health Department. Estimates presented here are based on self-reported data and age-adjusted to the US 2000 Standard Population. The CHS includes adults with landline phones and cell phones (since 2009). For survey details, visit www.nyc.gov/health/survey.

NYC A1C Registry (Registry): The Registry was created in 2006 and contains A1C tests sent to clinical laboratories for NYC residents. All data presented in this report are limited to NYC adults ages 18 and older and who had at least two A1C test values of 6.5% or greater at any point in time since inception of the Registry in 2006 through 2019. This definition utilizes the American Diabetes Association-recommended A1C cut-point of 6.5% for diabetes diagnosis since the Registry does not contain diagnosis codes.

United States Data Renal System (USDRS): The USRDS, funded by the National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, is the national data registry that collects, analyzes, and distributes information on the end-stage renal disease (ESRD) population in the U.S., including treatments and outcomes. Data for NYC residents reported in this brief were obtained using the RenDER query system as of August 2019. The interpretation and reporting of these data are the responsibility of the authors and in no way should be seen as an official policy or interpretation of the U.S. government. The RenDER query system is available at https://render.usrds.org/render/xrender.phtml.

Tables

Table 1. Prevalence of diabetes among adults aged 18 and older in New York City, by select characteristics: 2019

Source: NYC Community Health Survey, 2019

Brief description: Estimated prevalence of diabetes (number, proportion) based on self-report amongst NYC adults ages 18 and older. Prevalence rates are age adjusted to the 2000 US Standard Population, weighted to the adult residential population per the 2018 American Community Survey, and rounded to the nearest thousand. Prevalence rates are presented as overall rate and disaggregated by key demographics. The denominator for this analysis is all NYC adults ages 18 and older.

Table 2. Prevalence of diabetes among adults aged 18 and older in New York City, by United Hospital Fund (UHF) neighborhood: 2019

Source: NYC Community Health Survey, 2019

Brief description: Estimated prevalence of diabetes (number, proportion) based on self-report amongst NYC adults ages 18 and older. Prevalence rates are age adjusted to the 2000 US Standard Population, weighted to the adult residential population per the 2018 American Community Survey, and rounded to the nearest thousand. Prevalence rates are disaggregated by United Hospital Fund (UHF) neighborhood. The denominator for this analysis is all NYC adults ages 18 and older.

Table 3. Depression among individuals with diabetes by age, sex, race/ethnicity, neighborhood poverty and borough of residence: NYC adults ages 18 and older: 2016-2018

Source: NYC Community Health Survey, 2016-2018

Brief description: Estimated prevalence of depression (number, proportion) among NYC adults with diabetes ages 18 and older based on self-report. Prevalence rates are age adjusted to the 2000 US Standard Population, weighted to the adult residential population per the 2016-2018 American Community Survey, and rounded to the nearest thousand. Prevalence rates are presented as overall rate and disaggregated by key demographics. The denominator for this analysis is all NYC adults ages 18 and older with self-reported diabetes per CHS.

This analysis requires combining multiple years of data from CHS in order to generate reliable estimates. It is important to note here that despite combining 3 years of available data, some prevalence estimates when disaggregated should still be interpreted with caution due to reliability issues.

Table 4. Blood sugar control among adults with diabetes who received medical care in 2019, by key demographic characteristics, New York City

Source: NYC A1C Registry, 2019

Brief description: Number and proportion of NYC adults with likely diabetes (history of two or more A1C test values of 6.5% or greater as of 2019) who had a test result reported to the Registry in 2019, stratified by level of A1C control (<7.0%, 7.0-7.9%, 8.0-9.0%, >9.0%) as of their latest test in 2019. The number and proportion are presented as overall and disaggregated by age group, sex, neighborhood poverty, and borough of residence. The denominator for this analysis is persons with likely diabetes (as described above) with a test result reported to the Registry in 2019.

Table 5. Number and percent of adults with diabetes in New York City who received medical care in 2019 with last A1C >9%, by United Hospital Fund neighborhood

Source: NYC A1C Registry, 2019

Brief description: Number and proportion of NYC adults with likely diabetes (history of two or more A1C test values of 6.5% or greater as of 2019) whose latest test reported to the Registry in 2019 was greater than 9%. The number and proportion are disaggregated by United Hospital Fund (UHF) neighborhood. The denominator for this analysis is persons with likely diabetes (as described above) with a test result reported to the Registry in 2019.

Table 6. Prevalence and incidence of end-stage renal disease (ESRD) and dialysis among adults due to diabetes, New York City, 2016

Source: United States Data Renal System (USDRS), 2016

Brief description: Number and rate per 1,000 adults with diabetes of incident and prevalent cases of ESRD and dialysis only among NYC adults ages 18 and older with diabetes. Number and rates are presented as overall and disaggregated by age group, sex, race/ethnicity, and borough of residence. Sex-specific data also presented. The denominator for the calculated rates is based on the corresponding CHS estimate of NYC adults with diabetes.

Table 1. Prevalence of diabetes among adults aged 18 and older in New York City, by select characteristics: 2019

Source: NYC Community Health Survey, 2019
CHS has included adults with landline phones since 2002 and, starting in 2009, has also included adults who can be reached by cell phone
CHS 2019 data are weighted to adult residential population per American Community Survey, 2018
Age-adjusted data are adjusted to the 2000 U.S. Standard Population.
Population estimates are rounded to the nearest thousand.
Use crude estimates when reporting prevalence for a specific population;
use age-adjusted estimates when making comparisons between groups that may have varying age distribution

	2019				
	% of adults with diabetes (crude)	95% CI (crude)	% of adults with diabetes (age-adjusted)	95% CI (age-adjusted)	Number of adults with diabetes
Overall	**12.2**	**11.2 - 13.3**	**12.4**	**11.5 - 13.4**	**791,000**
18-24	1.8*	1.0 - 3.4			16,000
25-44	4.6	3.6 - 5.8			119,000
45-64	17.6	15.6 - 19.9			359,000
65+	29.9	26.7 - 33.3			295,000
White, non-Latino	9.5	8.2 - 11.1	8.5	7.3 - 9.9	219,000
Black, non-Latino	13.8	11.7 - 16.3	14.0	11.9 - 16.4	197,000
Latino	14.6	12.7 - 16.9	17.4	15.3 - 19.7	256,000
Asian, non-Latino	12.1	9.4 - 15.5	13.7	10.8 - 17.1	104,000
Other, non-Latino	9.9	6.2 - 15.6	13.4	8.9 - 19.6	14,000
Male	11.8	10.3 - 13.4	12.7	11.3 - 14.3	352,000
Female	12.5	11.2 - 14.0	12.3	11.3 - 13.7	435,000
Bronx	15.0	12.7 - 17.7	15.7	13.4 - 18.4	157,000
Brooklyn	11.7	10.0 - 13.6	12.2	10.6 - 14.0	228,000
Manhattan	9.5	7.7 - 11.8	9.9	8.0 - 12.0	126,000
Queens	13.0	11.0 - 15.3	12.8	11.0 - 15.0	233,000
Staten Island	12.7	8.9 - 17.8	12.1	8.6 - 16.8	46,000
Less than HS education[1]	24.0	20.7 - 27.8	20.2	17.2 - 23.5	251,000
High school graduate	14.1	11.8 - 16.7	15.0	12.8 - 17.5	179,000
Some college	14.6	12.1 - 17.5	14.9	12.4 - 17.8	166,000
College or more	8.0	6.8 - 9.4	8.8	7.6 - 10.3	171,000
<200%FPL[2]	14.3	12.7 - 15.9	14.3	12.9 - 15.9	401,000
200 to <400% FPL	12.0	9.6 - 14.9	12.7	10.2 - 15.6	115,000
400% + FPL	10.2	8.7 - 11.8	10.3	9.0 - 11.9	274,000
Health Action Center Neighborhood[3]	13.8	11.5 - 16.5	15.1	12.7 - 17.8	156,000
South Bronx[4]	13.0	9.5 - 17.7	14.8	11.0 - 19.5	51,000
East and Central Harlem[5]	16.4	10.8 - 24.0	16.6	11.5 - 23.4	34,000
North and Central Brooklyn[6]	13.4	10.2 - 17.5	14.8	11.5 - 18.9	71,000
All other areas	11.8	10.7 - 12.9	11.9	10.9 - 13.0	618,000
Insured	12.5	11.5 - 13.7	12.3	11.3 - 13.4	683,000
Private	8.0	6.8 - 9.4	10.2	8.7 - 12.0	229,000
Medicare	24.6	21.3 - 28.3	15.2	12.4 - 18.5	218,000
Medicaid	13.5	11.4 - 15.7	15.5	13.3 - 17.9	199,000
Other	16.1	11.2 - 22.7	16.8	12.2 - 22.6	37,000
Uninsured	8.6	6.2 - 11.7	10.5	7.6 - 14.4	69,000
Employed	7.5	6.5 - 8.7	8.8	7.5 - 10.3	287,000
Unemployed	9.7	6.7 - 13.8	12.8	9.1 - 17.8	46,000
Not in work force	21.6	19.5 - 23.9	17.0	14.9 - 19.3	452,000
U.S.-Born	9.5	8.5 - 10.7	10.1	9.0 - 11.3	340,000
Foreign-Born	15.6	13.9 - 17.5	15.1	13.5 - 16.7	450,000
0 - <10% zip code-level poverty (low)[7]	8.4	6.6 - 10.6	8.0	6.3 - 10.1	110,000
10 - <20% zip code-level poverty	12.4	10.9 - 14.1	12.4	11.0 - 13.9	343,000
20 - <30% zip code-level poverty	13.8	11.7 - 16.2	14.9	12.8 - 17.3	213,000
30 - <100% zip code-level poverty (very high)	14.6	12.1 - 17.5	16.1	13.6 - 19.0	125,000

* Estimate should be interpreted with caution. Estimate's Relative Standard Error (a measure of estimate precision) is greater than 30% or the sample size is less than 50, making the estimate potentially unreliable.
Confidence Intervals (CI) are a measure of estimate precision: the wider the CI, the more imprecise the estimate
1 Education is restricted to adults 25+ years.
2 The poverty variable is imputed for missing and don't know responses.
3 Health Action Centers (formerly DPHOs) were created to promote health equities and reduce disparities in high need neighborhoods (South Bronx, East and Central Harlem, & Central Brooklyn).
4 Zipcodes that correspond to South Bronx Health Action Center area's are: 10453, 10457, 10460 (UHF 105),10451, 10452, 10456 (UHF 106), and 10454, 10455, 10459, 10474 (UHF 107)
5 Zipcodes that correspond to East & Central Harlem Health Action Center area are: 10026, 10027, 10030, 10037, 10039 (UHF 302), and 10029, 10035 (UHF 303)
6 Zipcodes that correspond to North & Central Brooklyn Health Action Center area are: 11212, 11213, 11216, 11233, 11238 (UHF 203), 11207, 11208 (UHF 204), and 11206, 11221, 11237 (UHF 211)
7 Standard Agency area-based poverty measure, based on % of population in respondent's zip code living below 100% FPL. The neighborhood poverty variable in 2016-2019 is imputed for missing/don't know responses.

Table 2. Prevalence of diabetes among adults aged 18 and older in New York City, by United Hospital Fund (UHF) neighborhood: 2019

Source: NYC Community Health Survey, 2019

CHS has included adults with landline phones since 2002 and, starting in 2009, has also included adults who can be reached by cell phone.

CHS 2019 data are weighted to adult residential population per American Community Survey, 2018.

Data are age adjusted to the 2000 U.S. Standard Population.

Population estimates are rounded to the nearest thousand.

Use crude estimates when reporting prevalence for a specific population;

use age-adjusted estimates when making comparisons between groups that may have varying age distribution.

	% of adults with diabetes (crude)	95% CI (crude)	% of adults with diabetes (age-adjusted)	95% CI (age-adjusted)	Number of adults with diabetes
Overall	**12.2**	**11.2 - 13.3**	**12.4**	**11.5 - 13.4**	**791,000**
UHF neighborhood					
Bronx					
Kingsbridge	16.2	10.1 - 25.0	13.9	9.2 - 20.6	12,000
NE Bronx	17.5	11.6 - 25.7	17.1	11.1 - 25.3	26,000
Fordham-Bronx Pk	12.1	7.8 - 18.2	16.4	11.7 - 22.4	21,000
Pelham-Throgs Neck	18.2	13.1 - 24.7	18.1	13.2 - 24.3	42,000
South Bronx	13.0	9.5 - 17.7	14.8	11.0 - 19.5	51,000
Brooklyn					
Greenpoint	8.8*	4.5 - 16.8	10.5*	5.5 - 19.4	9,000
Downtown-Heights-Slope	6.2	4.0 - 9.6	7.3	4.8 - 11.0	11,000
Bed Stuy-Crown Heights	9.7	6.9 - 13.5	10.9	7.9 - 14.8	23,000
East New York	19.2	11.8 - 29.6	20.8	13.3 - 31.0	26,000
Sunset Park	14.0	7.6 - 24.4	14.5	8.6 - 23.4	13,000
Borough Park	9.7	6.0 - 15.1	10.1	6.5 - 15.4	23,000
Flatbush	13.4	8.3 - 20.9	14.3	10.8 - 18.8	31,000
Canarsie	11.6*	5.8 - 21.8	10.0	5.8 - 16.7	18,000
Bensonhurst	14.3	8.6 - 22.7	13.5	8.4 - 20.9	23,000
Coney Island	12.1	8.4 - 17.2	10.0	7.0 - 14.0	28,000
Williamsburg-Bushwk	14.1	7.8 - 24.1	15.7	8.9 - 26.1	21,000
Manhattan					
Washington Heights	13.2	8.0 - 21.1	13.7	8.9 - 20.5	26,000
Central Harlem	12.0*	5.8 - 23.4	11.8*	6.0 - 21.7	15,000
East Harlem	22.9*	14.1 - 34.8	23.7	16.2 - 33.3	19,000
Upper West Side	10.0	5.6 - 17.3	9.7	5.5 - 16.4	18,000
Upper East Side-Gramercy	4.1*	2.2 - 7.6	4.1*	2.3 - 7.3	13,000
Chelsea-Village	4.4*	2.2 - 8.9	5.3*	2.8 - 9.9	9,000
Union Square-Lower Manhattan	10.8	6.6 - 17.3	12.3	8.3 - 18.0	23,000
Queens					
LIC, Astoria	17.6	10.5 - 28.1	18.1	11.1 - 28.0	31,000
West Queens	11.2	7.2 - 16.8	12.0	8.0 - 17.7	41,000
Flushing	8.9*	4.7 - 16.2	7.6	4.3 - 13.0	19,000
Bayside Little Neck-Fresh Meadows	8.1*	4.4 - 14.7	7.0	3.9 - 12.1	12,000
Ridgewood	12.2	8.2 - 17.9	11.8	7.9 - 17.1	25,000
SouthWest Queens	18.2	12.8 - 25.1	18.5	13.6 - 24.6	38,000
Jamaica	10.3	6.1 - 16.9	10.5	6.6 - 16.5	22,000
SouthEast Queens	17.9	10.3 - 29.2	15.1	8.8 - 24.7	27,000
Rockaway	12.6*	5.9 - 24.8	10.9*	5.8 - 19.4	10,000
Staten Island					
Northern SI	16.5	9.9 - 26.2	17.5	12.0 - 24.9	24,000
Southern SI	10.4	6.3 - 16.7	9.9	6.0 - 15.9	23,000

* 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.

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

Table 3. Depression among individuals with diabetes by age, sex, race/ethnicity, neighborhood poverty and borough of residence: NYC adults ages 18 and older: 2016-2018
Source: NYC Community Health Survey, 2016-2018
CHS 2016-2018 data are weighted to the adult residential population per American Community Survey, 2015-2017.
Except for age group, data are age-adjusted to the 2000 U.S. Standard Population.
Use crude estimates when reporting prevalence for a specific population; use age-adjusted estimates when making comparisons between groups that may have varying age distribution.

	Overall					Male					Female				
	% of adults with diabetes who have comorbid depression (crude)	95% CI (crude)	% of adults with diabetes who have comorbid depression (age-adjusted)	95% CI (age-adjusted)	Number of adults with diabetes and depression	% of adults with diabetes who have comorbid depression (crude)	95% CI (crude)	% of adults with diabetes who have comorbid depression (age-adjusted)	95% CI (age-adjusted)	Number of adults with diabetes and depression	% of adults with diabetes who have comorbid depression (crude)	95% CI (crude)	% of adults with diabetes who have comorbid depression (age-adjusted)	95% CI (age-adjusted)	Number of adults with diabetes and depression
Overall	18.9	16.8 - 21.1	20.9	17.1 - 25.3	123,000	14.1	11.7 - 17.0	16.5	11.8 - 22.6	42,000	22.3	19.5 - 25.4	24.7	19.1 - 31.4	78,000
Age group															
18-44	22.4	16.5 - 29.5			23,000	18.9	11.3 - 29.9			9,000	25.6	17.5 - 35.7			14,000
45-64	19.4	16.6 - 22.6			58,000	15.2	12.0 - 19.1			22,000	23.3	18.9 - 28.3			36,000
65+	16.9	13.9 - 20.4			42,000	10.4	7.4 - 14.4			11,000	20.0	16.4 - 24.2			28,000
Sex															
Female	22.3	19.5 - 25.4	24.7	19.1 - 31.4	78,000										
Male	14.1	11.7 - 17.0	16.5	11.8 - 22.6	42,000										
Race/ethnicity															
White, Non-Latino	14.2	11.2 - 17.9	19.5*	11.2 - 31.6	22,000	8.0	5.3 - 12.0	15.3	9.6 - 23.6	7,000	21.8	16.4 - 28.4	22.9*	13.6 - 35.8	15,000
Black, Non-Latino	14.6	11.4 - 18.5	14.8	10.6 - 20.3	27,000	12.1	7.5 - 19.0	12.1*	6.0 - 23.0	9,000	16.3	12.3 - 21.3	16.6	11.4 - 23.5	18,000
Latino	27.6	23.4 - 32.2	27.8	21.3 - 35.4	61,000	20.7	15.8 - 26.7	20.5	13.8 - 29.2	19,000	30.6	25.3 - 36.5	34.5*	24.9 - 45.5	39,000
Asian	14.6	10.2 - 20.5	15.2	8.7 - 25.3	11,000	17.8	11.3 - 26.9	23.7*	13.0 - 39.1	7,000	10.4	6.2 - 17.1	5.8	3.3 - 10.1	3,000
Other	13.2*	6.8 - 23.9	25.0*	15.8 - 37.3	2,000	5.4*	1.5 - 17.8	3.0*	0.8 - 10.7	400	20.9*	10.1 - 38.2	31.1*	18.0 - 48.2	2,000
Neighborhood poverty															
30 to <100% (very high)	23.2	18.8 - 28.3	24.4	17.9 - 32.2	33,000	17.0	11.2 - 25.0	16.5	9.4 - 27.4	10,000	27.3	21.4 - 34.2	29.4	20.7 - 40.1	23,000
20 to <30% (high)	19.7	15.6 - 24.5	19.4	14.2 - 25.9	34,000	15.1	10.4 - 21.4	15.3	8.4 - 26.4	11,000	20.9	16.3 - 26.4	21.3	15.1 - 29.2	19,000
10 to <20% (medium)	18.0	14.8 - 21.7	20.6	13.5 - 30.2	43,000	14.0	10.3 - 18.8	19.3*	11.1 - 31.4	16,000	21.6	16.8 - 27.2	18.5	11.3 - 28.7	28,000
0 to <10% (low)	13.2	9.6 - 18.0	16.7*	8.9 - 29.1	13,000	9.8	6.1 - 15.5	13.6*	5.6 - 29.2	5,000	17.5	11.4 - 25.8	25.1	18.8 - 32.6	7,000
Borough															
Bronx	22.8	18.7 - 27.4	25.8	18.9 - 34.2	34,000	14.0	9.5 - 20.2	15.1	8.3 - 26.0	9,000	28.9	23.2 - 35.5	33.4*	23.9 - 44.5	25,000
Brooklyn	17.0	13.8 - 20.6	14.5	10.6 - 19.7	33,000	13.4	9.5 - 18.5	11.3	7.6 - 16.7	11,000	19.7	15.3 - 25.1	17.0	11.2 - 25.0	21,000
Manhattan	22.4	16.3 - 30.0	25.0	18.2 - 33.2	20,000	16.6	10.8 - 24.7	19.9	12.1 - 31.1	7,000	23.1	16.8 - 31.0	31.3	23.8 - 39.8	10,000
Queens	16.9	13.3 - 21.3	17.6	12.1 - 24.9	31,000	13.2	9.2 - 18.6	15.5	9.0 - 25.3	12,000	20.6	15.0 - 27.8	19.8	11.8 - 31.3	19,000
Staten Island	13.3*	5.8 - 27.4	19.4*	7.3 - 42.4	4,000	17.1*	5.4 - 42.6	32.4*	13.4 - 59.7	3,000	9.1*	4.4 - 18.0	10.3*	3.9 - 24.7	1,000

*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.

Table 4. Blood sugar control among adults with diabetes who received medical care in 2019, by demographic characteristics, New York City
Source: New York City A1C Registry, 2019; restricted to NYC residents ages 18 and older
Rates are based on registrants reported to the A1C Registry in 2019 with likely diabetes (based on a history of at least two A1C test values of 6.5% or greater).

	Number (n)						Percent (%)			
					Latest A1C value					
	<7.0%	7.0-7.9%	8.0-9.0%	>9%	Total		<7.0%	7.0-7.9%	8.0-9.0%	>9%
Overall	305,356	156,166	82,225	100,135	643,882		47.4	24.3	12.8	15.6
Age group										
18-44	19,738	10,271	7,005	14,570	51,584		38.3	19.9	13.6	28.2
45-64	116,168	66,481	37,878	53,343	273,870		42.4	24.3	13.8	19.5
65+	169,163	79,402	37,330	32,196	318,091		53.2	25.0	11.7	10.1
Sex										
Female	168,943	82,353	42,047	50,098	343,441		49.2	24.0	12.2	14.6
Male	135,911	73,529	40,028	49,863	299,331		45.4	24.6	13.4	16.7
Neighborhood poverty										
30 to <100% (very high poverty)	45,575	23,251	13,209	19,047	101,082		45.1	23.0	13.1	18.8
20 to <30% (high poverty)	77,059	39,043	20,562	26,219	162,883		47.3	24.0	12.6	16.1
10 to <20% (medium poverty)	131,315	68,535	36,254	42,500	278,604		47.1	24.6	13.0	15.3
0 to 10% (low poverty)	50,322	24,716	11,922	12,037	98,997		50.8	25.0	12.0	12.2
Borough										
Bronx	56,817	29,015	16,587	23,329	125,748		45.2	23.1	13.2	18.6
Brooklyn	90,894	45,712	24,282	30,347	191,235		47.5	23.9	12.7	15.9
Manhattan	44,536	21,672	11,048	13,173	90,429		49.2	24.0	12.2	14.6
Queens	94,584	50,581	25,860	28,904	199,929		47.3	25.3	12.9	14.5
Staten Island	18,242	9,037	4,373	4,290	35,942		50.8	25.1	12.2	11.9

Table 5. Number and percent of adults with diabetes in New York City who received medical care in 2019 with last A1C > 9%, by United Hospital Fund (UHF) neighborhood
Source: New York City A1C Registry, 2019; restricted to NYC residents ages 18 and older
Results are based on registrants reported to the A1C Registry in 2019 likely with diabetes
(based on a history of at least two A1C test values of 6.5% or greater)

	A1C greater than 9%		
	Number (n)	Percent (%)	Number of people with diabetes with result in 2019
Overall	100,043	15.6	643,283
UHF neighborhood			
Bronx			
Kingsbridge - Riverdale	929	15.0	6,190
Northeast Bronx	3,371	17.6	19,112
Fordham - Bronx Park	4,211	19.3	21,863
Pelham - Throgs Neck	4,804	17.5	27,436
Crotona-Tremont	3,809	19.8	19,273
High Bridge - Morissania	3,795	19.3	19,688
Hunts Point - Mott Haven	2,410	19.8	12,186
Brooklyn			
Greenpoint	812	13.7	5,939
Downtown - Heights - Park Slope	1,605	15.8	10,180
Bedford Stuyvesant - Crown Heights	4,740	18.1	26,249
East New York	3,435	19.1	17,938
Sunset Park	1,445	14.5	9,975
Borough Park	2,754	12.9	21,417
East Flatbush - Flatbush	5,370	18.8	28,530
Canarsie - Flatlands	3,253	17.0	19,093
Bensonhurst - Bay Ridge	1,587	11.2	14,162
Coney Island - Sheepshead Bay	2,602	11.3	23,077
Williamsburg - Bushwick	2,744	18.7	14,675
Manhattan			
Washington Heights - Inwood	3,634	16.8	21,645
Central Harlem - Morningside Heights	2,196	17.2	12,752
East Harlem	2,012	18.7	10,749
Upper West Side	1,078	12.3	8,752
Upper East Side	610	9.6	6,357
Chelsea - Clinton	958	13.3	7,198
Gramercy Park - Murray Hill	424	11.0	3,844
Greenwich Village - Soho	312	11.5	2,702
Union Square - Lower East Side	1,682	12.0	14,006
Lower Manhattan	267	11.0	2,424
Queens			
Long Island City - Astoria	1,979	15.2	13,024
West Queens	5,541	15.0	36,874
Flushing - Clearview	2,258	9.5	23,706
Bayside - Little Neck	506	7.8	6,474
Ridgewood - Forest Hills	1,945	12.0	16,183
Fresh Meadows	814	10.2	7,949
Southwest Queens	4,877	16.4	29,660
Jamaica	5,883	16.8	35,103
Southeast Queens	3,383	15.7	21,596
Rockaway	1,718	18.4	9,360
Staten Island			
Port Richmond	914	16.4	5,577
Stapleton - St. George	1,320	13.3	9,896
Willowbrook	800	10.8	7,397
South Beach - Tottenville	1,256	9.6	13,072

There were 599 individuals likely with diabetes who had A1C tests in 2019 that could not be resolved to a UHF neighborhood, including 92 individuals whose latest A1C result was > 9%.

Table 6. Prevalence and incidence of end-stage renal disease (ESRD) and dialysis among adults due to diabetes, New York City, 2016

Source: United States Renal Data System. 2016, restricted to NYC residents ages 18 and older.
Rate of cases per 1,000 adults with diabetes are crude estimates based on point estimates of the NYC population with diabetes from the NYC Community Health Survey, 2016.
Age-adjusted rates not presented because of censoring of some underlying data due to cell counts.

	Overall				Male				Female			
	Incident cases due to diabetes N	Prevalent cases due to diabetes N	Rate of incident cases due to diabetes - per 1,000 adults with diabetes N	Rate of prevalent cases due to diabetes - per 1,000 adults with diabetes N	Incident cases due to diabetes N	Prevalent cases due to diabetes N	Rate of incident cases due to diabetes - per 1,000 adults with diabetes N	Rate of prevalent cases due to diabetes - per 1,000 adults with diabetes N	Incident cases due to diabetes N	Prevalent cases due to diabetes N	Rate of incident cases due to diabetes - per 1,000 adults with diabetes N	Rate of prevalent cases due to diabetes - per 1,000 adults with diabetes N
All ESRD												
Overall	1611	8291	2.3	11.7	898	4835	2.9	15.4	713	3455	1.8	8.7
Age group												
18-44	113	541	1.2	5.8	65	289	1.6	7.2	48	252	0.9	4.8
45-64	629	3478	1.9	10.3	382	2241	2.3	13.5	247	1237	1.4	7.1
65+	869	4272	3.2	15.5	451	2305	4.2	21.3	418	1966	2.5	11.8
Sex												
Female	713	3455	1.8	8.7								
Male	898	4835	2.9	15.4								
Race/ethnicity												
White, Non-Latino	354	1493	1.9	8.2	224	971	2.4	10.2	130	522	1.5	6.0
Black, Non-Latino	580	3238	3.0	17.0	283	1655	3.7	21.5	297	1583	2.6	13.9
Latino	451	2513	1.8	10.2	251	1538	2.5	15.2	200	974	1.4	6.7
Asian/Pacific Islander	218	998	2.9	13.1	135	646	3.8	17.9	83	352	2.1	8.8
Borough												
Bronx	371	1935	2.2	11.6	220	1097	3.0	14.8	151	838	1.6	9.0
Brooklyn	464	2416	2.1	10.9	245	1325	2.7	14.4	219	1091	1.7	8.5
Manhattan	215	1191	2.5	14.0	107	697	2.6	17.0	108	494	2.5	11.2
Queens	480	2338	2.3	11.3	283	1451	3.0	15.4	197	886	1.7	7.8
Staten Island	81	411	2.8	14.2	43	265	3.3	20.4	38	146	2.4	9.1
Dialysis Only												
Overall	1597	6845	2.3	9.7	890	3866	2.8	12.4	707	2979	1.8	7.5
Age group												
18-44	107	408	1.2	4.4	61	223	1.5	5.6	46	185	0.9	3.5
45-64	623	2750	1.8	8.1	379	1741	2.3	10.5	244	1009	1.4	5.8
65+	867	3687	3.2	13.4	450	1902	4.2	17.6	417	1785	2.5	10.7
Sex												
Female	707	2979	1.8	7.5								
Male	890	3866	2.8	12.4								
Race/ethnicity												
White, Non-Latino	351	1149	1.9	6.3	222	707	2.3	7.4	129	442	1.5	5.1
Black, Non-Latino	578	2812	3.0	14.7	281	1409	3.6	18.3	297	1403	2.6	12.3
Latino	443	2000	1.8	8.1	248	1195	2.5	11.8	195	805	1.3	5.5
Asian/Pacific Islander	217	848	2.9	11.2	134	539	3.7	15.0	83	309	2.1	7.7
Borough												
Bronx	369	1523	2.2	9.1	219	823	3.0	11.1	150	700	1.6	7.5
Brooklyn	459	2098	2.1	9.5	241	1117	2.6	12.1	218	981	1.7	7.6
Manhattan	211	938	2.5	11.0	105	534	2.6	13.0	106	404	2.4	9.2
Queens	478	1964	2.3	9.5	282	1194	3.0	12.7	196	770	1.7	6.8
Staten Island	80	322	2.8	11.1	43	198	3.3	15.2	37	124	2.3	7.8