

**Table 2. Sociodemographic characteristics and health outcomes in New York City communities with high rates of confirmed COVID-19 cases, May 2020**

Neighborhood	Borough	Case rate	Positive rate	Death rate	Median age	Male %	Black %	Hispanic %	White %	Foreign born %	Without college degree %	Poverty %	Uninsured %	Obesity %	Diabetes %	Hypertension %	death <sup>†</sup>	Hospitalization <sup>§</sup>
Premature Avoidable																		
Jackson Heights	Queens	39.4	44.3*	3.2*	35.9	53.5	6	64*	11	60*	73*	25*	28*	20	13	29	120.9	869
Elmhurst and Corona	Queens	36.0	44.9*	3.1*	32.8	52.1	5	51*	6	63*	72*	27*	25*	23	14	27	105.2	892
Riverdale and Fieldston	Bronx	35.8	25.5	3.1*	44.3*	45.0	12	47*	34	34	55*	15	8	24	12	28	170.4	1250
Williamsbridge and Baychester	Bronx	35.4	39.9*	3.2*	36.2	45.5	65*	25	6	40	68*	23	8	30	14	39*	202.3	1891*
Throggs Neck and Co-op City	Bronx	35.1	33.2	2.5*	43.1*	45.2	23	40	30	21	66*	14	7	24	13	37*	183.3	1185
Queens Village	Queens	32.1	41.0*	1.9	39.4*	46.7	56*	12	12	42	62*	13	11	27	14	37*	117.3	1084
Morris Park and Bronxdale	Bronx	31.7	39.2*	2.7*	32.8	47.0	21	45*	24	35	68*	21	12	32*	14	31	206.9	1613
Rockaway and Broad Channel	Queens	31.3	37.6*	3.8*	35.4	47.1	40*	22	33	26	65*	18	11	32*	15*	34*	269.3*	1345
Mott Haven and Melrose	Bronx	29.9	36.1	2.6*	30.6	46.3	24	73*	1	30	84*	29*	14*	42*	20*	38*	302*	3138*
Parkchester and Soundview	Bronx	29.9	36.7	2.2	34.3	47.0	30	59*	2	32	77*	26*	6	32*	16*	34*	195.5	1631
St George and Stapleton	Staten Island	29.7	34.7	2.1	35.5	48.6*	22	30	38	24	63*	21	12	24	9	26	227.1*	1308
Highbridge and Concourse	Bronx	29.0	37.5*	2.0	30.2	47.0	31*	65*	1	42	79*	32*	13	34*	17*	42*	249.2*	2307*
Hunts Point and Longwood	Bronx	28.6	39.4*	2.7*	29.0	47.8	21	76*	1	30	84*	29*	14*	42*	20*	38*	261.6*	2709*
South Beach and Willowbrook	Staten Island	28.0	33.4	1.8	40.4*	48.0	3	14	68	27	60*	14	4	25	6	27	168.3	958
Fordham and University	Bronx	27.9	38.3*	1.8	29.8	47.3	27	69*	1	42	80*	34*	14*	34*	16*	37*	241.2*	2573*

\* Ranked among the highest 25% percentiles of all New York City Communities; †Rate of death before age 65 per 100,000 people (number of deaths); §per 100,000 adults.

‡ Data in race/ethnicity, education, foreign-born status, poverty, health insurance coverage, and health outcomes are from New York City Community Health Profiles 2018.

**Table 3. Rates of COVID-19 confirmed cases, positive tests, and deaths among New York City communities categorized by sociodemographic characteristics and health outcome measures.**

Characteristics	Case rate, ‰					Positive test rate, %					Death rate, ‰				
	Q1	Q2	Q3	Q4	<i>P</i> <sub>trend</sub>	Q1	Q2	Q3	Q4	<i>P</i> <sub>trend</sub>	Q1	Q2	Q3	Q4	<i>P</i> <sub>trend</sub>
Median age	23.20	22.18	23.23	20.16	0.45	34.4	35.0	35.4	31.0	0.07	1.96	2.03	1.89	1.76	0.30
Male, %	21.40	23.82	21.20	22.45	0.07	32.5	35.5	34.2	33.6	0.24	2.06	2.09	1.79	1.71	<0.001
Black, %	18.75	20.35	25.58	24.94	<0.01	30.6	33.2	35.3	37.3	<0.001	1.57	1.75	2.08	2.31	<0.001
Hispanic, %	19.61	19.88	22.42	27.50	<0.001	30.8	33.6	34.4	37.2	<0.01	1.62	1.91	1.83	2.32	<0.01
White, %	27.04	23.06	20.85	16.99	<0.001	37.6	37.1	32.8	27.4	<0.001	2.30	2.09	1.86	1.31	<0.001
Foreign born, %	17.81	22.77	24.31	24.01	0.03	28.5	33.2	36.6	37.8	<0.001	1.48	1.96	1.98	2.24	<0.01
College graduate, %	27.67	24.37	20.59	13.84	<0.001	38.2	35.3	32.9	25.9	<0.001	2.27	2.18	1.87	1.11	<0.001
Poverty, %	17.47	22.15	22.40	26.95	<0.01	28.4	34.4	36.7	36.4	<0.001	1.32	1.94	2.17	2.22	<0.001
Uninsured, %	19.73	21.64	24.26	24.78	0.07	30.3	34.1	36.9	36.4	<0.001	1.52	1.99	2.10	2.17	<0.01
Obesity, %	17.13	23.12	24.73	25.60	<0.001	29.4	34.8	36.2	36.1	<0.001	1.47	1.87	2.17	2.23	<0.001
Diabetes, %	18.34	19.25	28.29	27.71	<0.001	29.6	32.9	39.3	37.3	<0.001	1.49	1.78	2.62	2.18	<0.001
Hypertension, %	15.53	22.24	25.26	27.98	<0.001	28.4	33.5	36.9	37.4	<0.001	1.29	1.88	2.36	2.29	<0.001
Premature death Avoidable hospitalization	19.51	20.69	24.54	24.87	<0.01	32.4	32.8	35.4	35.7	0.01	1.67	1.68	2.15	2.23	<0.001
Life expectancy	15.85	24.14	24.10	24.34	<0.01	28.2	34.9	35.9	35.8	<0.01	1.33	1.92	2.19	2.17	<0.001
	25.24	23.60	20.18	20.21	<0.01	35.3	34.5	34.8	31.8	0.05	2.28	1.84	1.78	1.79	<0.01

\* Q1, Q2, Q3, Q4 denote communities in the first, second, third and fourth 25% of distributions of each respective character.

† Trend analyses were performed using Jonckheere-Terpstra tests.

