331   <u>**TABLES**</u>

332   **Supplemental Table 1. Descriptive statistics of demographic, clinical, and socioeconomic factors of confirmed**

333   **COVID-19 patients.** Analysis of electronic health record data from New York-Presbyterian from March 1, 2020 to

334   August 20, 2020.

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	Confirmed COVID-19 patients	Confirmed COVID-19 patients admitted to hospital	Severe disease (i.e., Vasopressor, intubation, ARDS, or renal dialysis) among hospitalized confirmed COVID-19 patients	Deaths among confirmed COVID-19 patients
	n=11,930	n=4,895	n=1,070	n=1,654
	n (%)	n (%)	n (%)	n (%)
Age mean, years	57.26	62.48	64.03	74.58
Age Group, years				
<30	1097 (9.20)	236 (4.82)	20 (1.87)	9 (0.54)
30-39	1630 (13.66)	473 (9.66)	57 (5.33)	27 (1.63)
40-49	1549 (12.98)	511 (10.44)	99 (9.25)	57 (3.45)
50-59	1973 (16.54)	816 (16.67)	201 (18.79)	155 (9.37)
60-69	2219 (18.60)	1026 (20.96)	296 (27.66)	302 (18.26)
70-79	1769 (14.83)	891 (18.20)	255 (23.83)	460 (27.81)
80+	1663 (13.94)	933 (19.06)	140 (13.08)	643 (38.88)
Unknown (missing)	30 (0.25)	9 (0.18)	2 (0.19)	1 (0.06)
Sex				
Female	6051 (50.72)	2135 (43.62)	359 (33.55)	686 (41.48)
Male	5845 (48.99)	2750 (56.18)	708 (66.17)	967 (58.46)
Unknown (missing)	34 (0.28)	10 (0.20)	3 (0.28)	1 (0.06)
Race/Ethnicity				
Non-Hispanic White	3004 (25.18)	1099 (22.45)	214 (20.00)	408 (24.67)
Hispanic or Latino or Spanish Origin	3459 (28.99)	1514 (30.93)	315 (29.44)	496 (29.99)
Non-Hispanic American Indian/Alaskan Native/Native Hawaiian/Other Pacific Islander	33 (0.28)	22 (0.45)	4 (0.37)	4 (0.24)
Non-Hispanic Asian	1143 (9.58)	748 (15.28)	192 (17.94)	221 (13.36)
Non-Hispanic Black	1788 (14.99)	520 (10.62)	113 (10.56)	229 (13.85)
Non-Hispanic Other	1089 (9.13)	507 (10.36)	103 (9.63)	144 (8.71)
Unknown (or missing)	1414 (11.85)	485 (9.91)	129 (12.06)	152 (9.19)
Comorbidities				
Type 2 Diabetes (ICD10: E11)	2662 (22.31)	1467 (29.97)	464 (43.36)	563 (34.04)
Type 1 Diabetes (ICD10: E10)	142 (1.19)	78 (1.59)	30 (2.80)	26 (1.57)
Hypertension (ICD10: I10)	4492 (37.65)	2308 (47.15)	648 (60.56)	838 (50.67)
Heart Failure (ICD10: I50)	994 (8.33)	599 (12.24)	202 (18.88)	276 (16.69)
Cardiovascular Disease (ICD10: I25)	1321 (11.07)	788 (16.10)	259 (24.21)	320 (19.35)
Cancer (ICD10: C80)	211 (1.77)	71 (1.45)	22 (2.06)	44 (2.66)
Chronic Obstructive Pulmonary Disease (ICD10: J44)	536 (4.49)	324 (6.62)	90 (8.41)	131 (7.92)
Asthma (ICD10: J45)	1130 (9.47)	439 (8.97)	120 (11.21)	111 (6.71)
Depression (ICD10: F32)	1107 (9.28)	480 (9.81)	117 (10.93)	131 (7.92)
Body Mass Index (BMI)				
<30 (Non-obese)	4918 (41.22)	2806 (57.33)	605 (56.54)	828 (50.06)
30+ (Obese)	2403 (20.14)	1333 (27.23)	312 (29.16)	330 (19.95)
Unknown (missing)	4609 (38.63)	756 (15.44)	153 (14.30)	496 (29.99)
Smoking Status				
Never	1407 (33.67)	873 (17.83)	226 (21.12)	303 (18.32)
Unknown (missing)	6277 (52.62)	3530 (72.11)	687 (64.21)	1140 (68.92)
Passive	15 (0.13)	7 (0.14)	1 (0.09)	3 (0.18)
Quit	1382 (11.58)	431 (8.80)	143 (13.36)	187 (11.31)
Yes (current)	239 (2.00)	54 (1.10)	13 (1.21)	21 (1.27)
Hospital Site				
Site 1	2432 (20.39)	1706 (34.85)	516 (48.50)	266 (16.08)
Site 2	549 (4.60)	443 (9.05)	81 (7.57)	99 (5.99)
Site 3	3164 (26.52)	2614 (53.4)	424 (39.63)	668 (40.39)
Unknown (missing)	5785 (48.49)	132 (2.70)	46 (4.30)	621 (37.55)
Insurance Type				
Commercial	2871 (24.07)	1230 (25.13)	324 (30.28)	217 (13.12)
Hybrid	247 (2.07)	131 (2.68)	37 (3.46)	39 (2.36)
Medicaid	220 (1.84)	156 (3.19)	43 (4.02)	21 (1.27)
Medicare	404 (3.39)	314 (6.41)	102 (9.53)	92 (5.56)
Unknown (missing)	8188 (68.63)	3064 (62.59)	564 (52.71)	1285 (77.69)
Neighborhood Deprivation Index (NDI)				
[-2.07,-0.696]	1788 (14.99)	624 (15.73)	145 (13.55)	217 (13.12)
(-0.696,0.544]	1791 (15.01)	770 (14.65)	188 (17.57)	278 (16.81)
(0.544,3.09]	1783 (14.95)	717 (12.75)	191 (17.85)	260 (15.72)
Unknown (missing)	6568 (55.05)	2784 (56.87)	546 (51.03)	899 (54.35)

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