

Appendix Table 1. Healthcare workers residing in NYC demographic, co-morbid and work characteristics by SARS-CoV-2 serology status

<b>Characteristics</b>	<b>SARS-CoV-2 Antibody positive, no. (%)</b> <b>616 (32%)</b>	<b>SARS-CoV-2 Antibody negative, no. (%)</b> <b>1,312 (68%)</b>	<b>Total no. (%)</b> <b>1,928 (100%)</b>	<b>P-value<sup>a</sup></b>
<b>Age Category (years)</b>				0.004
18-44	311 (28.9%)	765 (71.1%)	1076 (55.8%)	
45-64	292 (36.5%)	508 (63.5%)	800 (41.5%)	
65-74	11 (25.0%)	33 (75.0%)	44 (2.3%)	
>75	2 (25.0%)	6 (75.0%)	8 (0.4%)	
<b>Gender</b>				0.75
Male	193 (32.5%)	401 (67.5%)	594 (30.8%)	
Female	423 (31.7%)	910 (68.3%)	1333 (69.1%)	
Unknown	0 (0.0%)	1 (100%)	1 (0.1%)	
<b>Race</b>				<.001
Black	201 (39.3%)	311 (60.7%)	512 (26.6%)	
Asian	21 (21.2%)	78 (78.8%)	99 (5.1%)	
White	18 (18.6%)	79 (81.4%)	97 (5.0%)	
Indigenous Americans	5 (38.5%)	8 (61.5%)	13 (0.7%)	
Other/Unknown	371 (30.7%)	836 (69.3%)	1207 (62.6%)	
<b>Ethnicity</b>				0.066
Hispanic	2 (20.0%)	8 (80.0%)	10 (0.5%)	
Non-Hispanic	82 (38.7%)	130 (61.3%)	212 (11.0%)	
Data Unavailable	532 (31.2%)	1174 (68.8%)	1706 (88.5%)	
<b>Prior SARS-CoV-2 PCR test result</b>				<.001
Negative	105 (21.1%)	393 (78.9%)	498 (25.8%)	
Positive	170 (89.9%)	19 (10.1%)	189 (9.8%)	
Not performed	341 (27.5%)	900 (72.5%)	1241 (64.4%)	
<b>Comorbid conditions<sup>b</sup></b>				0.026

BMI (>30 kg/m <sup>2</sup> )	284 (36.1%)	503 (63.9%)	787 (40.8%)	
BMI (<18.5 kg/m <sup>2</sup> )	9 (40.9%)	13 (59.1%)	22 (1.1%)	
Smoker	15 (30.6%)	34 (69.4%)	49 (2.5%)	
Diabetes mellitus	31 (36.9%)	53 (63.1%)	84 (4.4%)	
Chronic pulmonary disease	46 (38.7%)	73 (61.3%)	119 (6.2%)	
Chronic heart disease	40 (30.8%)	90 (69.2%)	130 (6.7%)	
Other	6 (24.0%)	19 (76.0%)	25 (1.3%)	
<b>Work location<sup>c</sup></b>				0.004
Clinics	88 (29.7%)	208 (70.3%)	296 (15.4%)	
Emergency departments	45 (37.8%)	74 (62.2%)	119 (6.2%)	
Inpatient units	323 (33.9%)	630 (66.1%)	953 (49.4%)	
Radiology suite	12 (33.3%)	24 (66.7%)	36 (1.9%)	
Laboratory and pharmacy	9 (14.8%)	52 (85.2%)	61 (3.2%)	
Offices	102 (27.4%)	270 (72.6%)	372 (19.3%)	
<b>Job function<sup>c</sup></b>				<.001
Physicians	74 (19.1%)	314 (80.9%)	388 (20.1%)	
Nurses	155 (39.4%)	238 (60.6%)	393 (20.4%)	
Respiratory Therapists	1 (20.0%)	4 (80.0%)	5 (0.3%)	
Allied HCWs I	122 (36.0%)	217 (64.0%)	339 (17.6%)	
Allied HCWs II	158 (33.8%)	309 (66.2%)	467 (24.2%)	
Pharmacist	5 (17.2%)	24 (82.8%)	29 (1.5%)	
Non-clinical staff	43 (43.4%)	56 (56.6%)	99 (5.1%)	
Engineering	1 (12.5%)	7 (87.5%)	8 (0.4%)	
Administrative	20 (18.3%)	89 (81.7%)	109 (5.7%)	

SARS-CoV-2 = Severe acute respiratory virus syndrome coronavirus 2; No. = number; PCR = Polymerase chain reaction; BMI = Body mass index

<sup>a</sup> All comparisons performed using Pearsons Chi-square test. <sup>b</sup> HCWs comorbid conditions are not mutually exclusive. Chronic pulmonary conditions comprised asthma and chronic obstructive pulmonary disease. Chronic heart disease included hypertension. <sup>c</sup>Data not available for 91 HCWs