

Supplemental Table. COVID-19 infection odds ratio comparing frontline/ non-frontline workers in stratified job groups, adjusting for race and residential community cumulative attack rates, excluding 29 non-index employees involved in infection clusters

Job Group Type (n=5148)	Crude Rate	Rate per 100,000	Adjusted Odds Ratio (95% CI) ^{ab}	Median Community Rate per 100,000 (95% CI) ^a
Overall				
Frontline/ Patient-facing	46/1229	3742.88	1.73 (1.16–2.54)	1676.89 (1634.48–1698.80)
Non-frontline/ Not Patient-facing	77/3919	1964.79	1.0	1390.02 (1390.02–1412.36)
Registered Nurses (RN)				
Frontline	12/404	2970.30	1.23 (0.51–3.00)	1574.59 (1390.02–1634.48)
Non-frontline	11/557	1974.87	1.0	1181.65 (1152.36–1348.33)
Other Nursing (LPN, MA, NA)				
Frontline	17/178	9550.56	1.75 (0.87–3.51)	1698.80 (1698.80–1850.46)
Non-frontline	21/369	5691.06	1.0	1698.80 (1634.48–1698.80)
Provider (MD, DO, PA, NP, Resident, Midwife)				
Frontline	3/140	2142.86	5.67 (0.80–45.66)	1152.36 (928.18–1218.63)
Non-frontline	2/763	262.12	1.0	1152.36 (1106.33–1152.36)
Clinical Support (Practice manager, Practice Medical Receptionist, etc.)				
Frontline	1/58	1724.14	0.63 (0.03–3.60)	1726.14 (1634.48–2330.25)
Non-frontline	11/366	3005.46	1.0	1698.80 (1698.80–1850.46)
Mental Health Providers, Social workers, Psychologists, etc.				
Frontline	0/5	0	NA	2014.75 (1699.26–3538.68) ^c
Non-frontline	1/208	480.77		1152.36 (1152.36–1634.48)
Milieu counselors & Social Workers on In-Patient Psychiatry Units				
Frontline	1/37	2702.70	0.70 (0.03–5.83)	1698.80 (1383.67– 1869.67)
Non-frontline	3/82	3658.54	1.0	1634.48 (1152.36–1698.80)
Rehab				
Frontline	1/14	7142.86	3.87 (0.16–59.41)	1698.80 (657.08–2330.25)
Non-frontline	2/87	2298.85	1.0	1412.36 (1152.36–1634.48)
Ancillary (Security, Food services, Facilities)				
Frontline	5/86	5813.95	1.28 (0.15–8.75)	1753.47 (1152.36–2330.25)
Non-frontline	5/225	2222.22	1.0	1698.80 (1412.36–1850.46)

Radiology Techs - Rad, CT, MRI, Ultrasound, Cardiac	Patient-facing	0/49	0	NA	1390.02 (1181.65–1698.18)
	Not Patient-facing	3/70	4285.71		1634.48 (1348.33–1698.80)
Pharmacy	Patient-facing	1/57	1754.39	1.23 (0.05–15.97)	1698.80 (1325.23–1930.59)
	Not Patient-facing	2/111	1801.80	1.0	1634.48 (1390.02–1698.80)
Lab (Non-MD)	Patient-facing	4/114	3508.77	NA	1698.80 (1412.36–1850.46)
	Not Patient-facing	0/1	0		NA
Interpreter	Patient-facing	0/36	0	NA	1698.80 (1574.59–2330.25)
	Not Patient-facing	4/75	5333.33		1634.48 (1383.67–1698.80)
Dental Hygiene/ Dental Assistants		0/12	0	NA	1693.98 (840.53–2330.25)
HR, Finance, IT, Senior Admin, Non-clinical Admin, Medical Records		7/808	866.34	NA	1411.34 (1367.75–1634.48)
Other	Frontline	1/39	2564.10	1.58 (0.07–13.55)	1711.27 (1181.65–2136.85)
	Non-frontline	5/197	2538.07	1.0	1677.20 (1412.36–1698.80)

LPN=licensed practical nurse. MA=medical assistant. NA=nursing assistant. MD=medical doctor.

DO=doctor of osteopathic medicine. PA=physician assistant. NP=nurse practitioner. CT=computed tomography. MRI=magnetic resonance imaging. HR=human resource. IT=information technology.

NA=not available.

^a Limited to those residing in New England area.

^b Odds ratio adjusted for community rates and race.

^c Nonparametric bootstrap confidence intervals were calculated since exact method was not available.