

Table S1. – Prevalence of seropositive by demographic and occupational characteristics and by type of contact with persons with a diagnosis or suspected symptoms of COVID-19 among UNITO workers.

	All participants <i>N</i> (%)	Seropositive % (95%CI)
Overall	<i>N</i> =1185	3.3 (2.4-4.5)
Age (median, IQR)	50.5 (44.1-56.5)	
Age class		
≤29 yrs	10 (0.8)	-
30-39 yrs	146 (12.3)	1.4 (0.2-4.9)
40-49 yrs	413 (34.9)	3.6 (2.0-5.9)
50-59 yrs	446 (37.6)	2.9 (1.6-4.9)
≥ 60 yrs	170 (14.4)	5.3 (2.4-9.8)
Gender		
Female	757 (63.9)	3.3 (2.2-4.8)
Male	428 (36.1)	3.3 (1.8-5.4)
Job profile:		
Teaching and Research Staff	544 (45.9)	2.6 (1.4-4.3)
Technical and Administrative Staff	641 (54.1)	3.9 (2.5-5.7)
Smoking habit		
Never smokers	842 (71.1)	3.1 (2.0-4.5)
Former smokers	95 (8.0)	4.2 (1.2-10.4)
Current smokers	146 (12.3)	4.1 (1.5-8.7)
Not reported	102 (8.6)	2.9 (0.6-8.4)
BMI		
Underweight (BMI <18.5)	44 (3.7)	2.3 (0.1-12.0)
Normal weight (BMI 18.5-25)	728 (61.4)	3.6 (2.3-5.2)
Overweight (BMI 25-30)	298 (25.2)	2.7 (1.2-5.2)
Obese (BMI >30)	95 (8.0)	3.2 (0.7-8.9)
Not reported	20 (1.7)	5.0 (0.1-24.9)
Contacts at work		
No	1151 (97.1)	3.2 (2.3-4.4)
Yes	33 (2.7)	6.1 (0.7-20.2)
Not reported	1 (0.1)	-
Household contacts		
No	1139 (96.1)	2.6 (1.8-3.7)
Yes	45 (3.8)	20.0 (9.6-34.6)
Not reported	1 (0.1)	-
Other contacts		
No	1153 (97.3)	3.4 (2.4-4.6)
Yes	31 (2.6)	-
Not reported	1 (0.1)	-

Table S2. Multivariable logistic regression model (ORs and 95% CI) for predictors of seropositivity among workers of UNITO.

	OR	95%CI	p-values
Age	1.03	0.98-1.07	0.208
Gender			
Female	1.00		
Male	1.19	0.56-2.54	0.652
BMI			
Underweight (BMI <18.5)	1.00		
Normal weight (BMI 18.5-25)	0.86	0.11-6.76	0.884
Overweight (BMI 25-30)	0.64	0.27-1.52	0.313
Obese (BMI >30)	0.57	0.13-2.58	0.465
Smoking habit			
Never smokers	1.00		
Former smokers	1.22	0.40-3.79	0.727
Current smokers	0.88	0.32-2.45	0.810
Not reported	0.55	0.12-2.49	0.441
At least one comorbidities*			
No	1.00		
Yes	1.87	0.85-4.15	0.122
Flu vaccination (2019-20)			

No	1.00		
Yes	0.70	0.24-2.04	0.515
Intake of therapeutic drugs (regularly)			
No	1.00		
Yes	1.22	0.54-2.76	0.637
Job profile:			
Teaching and Research Staff	1.00		
Technical and Administrative Staff	1.60	0.77-3.34	0.209
Contacts at work			
No	1.00		
Yes	1.24	0.23-6.71	0.799
Household contacts			
No	1.00		
Yes	11.89	4.79-29.46	<0.001

*Comorbidities: cardiovascular diseases, diabetes, allergic rhinitis, immune deficits, chronic respiratory diseases, renal diseases, hypertension, auto-immune diseases, neurological diseases, neoplasms.

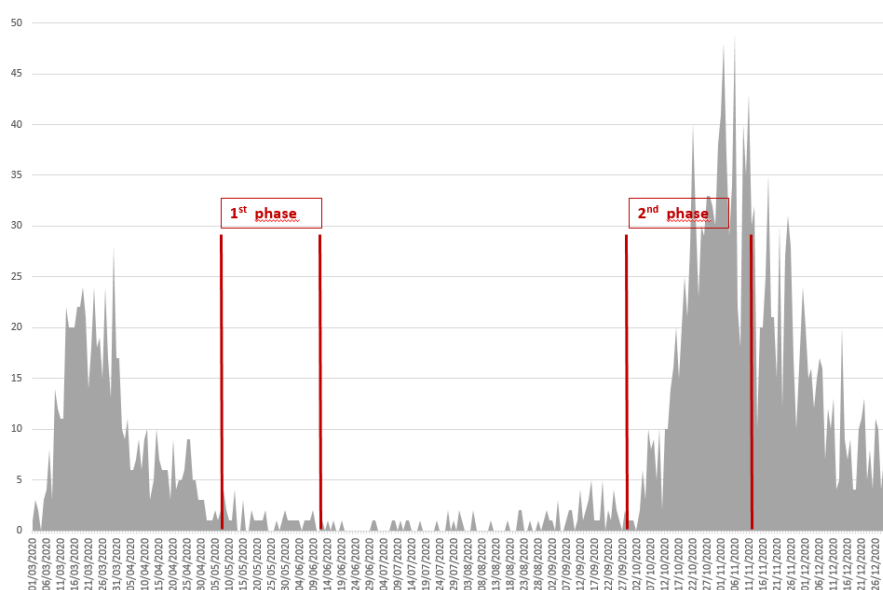


Figure S1. Number of daily access (emergency room visits and/or hospitalizations) to CSS – city of Turin, of COVID-19 patients during 2020. Vertical lines identify the periods of the two seroprevalence surveys on CSS workers.