

## Workplace Environment and Burn-Out In Public Health Workforce Inspection Services in Greece during Covid-19 Pandemic

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### Methodology/Results

**Methodology:** This is a quantitative, cross-sectional, nationwide research study in Greece, conducted in the second quarter of 2021. An online survey was conducted. The response rate was 27%. Burnout was measured with Maslach Burnout Inventory Questionnaire.

**Results:** 19.46% of participants report low burnout levels, 37.84% of participants' medium burnout levels and 42.70% high (above average) burnout levels. Burnout total score of rural environment was higher compared to all other groups ( $\chi^2= 16.017$ ), ( $\beta=0.455$ ),  $p<0.001$ . Medium levels of Emotional exhaustion score were reported. Levels of depersonalization score were low. Personal Accomplishment of rural environment was higher compared to all other groups ( $\chi^2= 26.417$ ). Depersonalization of semi-urban environment was higher compared to all other groups ( $\chi^2= 6.188$ ).

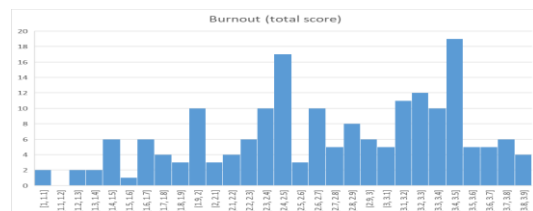


Figure 1. Histogram of burnout total score (N=185)

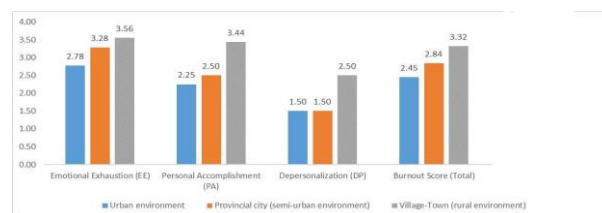


Figure 2. Median values of burnout and workplace environment

Table 1. Summary statistics for Emotional Exhaustion (EE), Personal Accomplishment (PA), Depersonalization (DP), and Burnout (Total) (N=185)

	Mean	SD	Median	Range	IQR	Skewness	Kurtosis
Emotional Exhaustion (EE)	2.967	0.99221	3.000	5.110	1.390	-0.394	-0.127
Personal Accomplishment (PA)	2.5426	0.82964	2.500	3.750	1.250	0.065	-0.635
Depersonalization (DP)	1.8189	1.17071	1.500	5.500	1.500	0.465	-0.264
Burnout Score (Total)	2.7233	0.69808	2.770	2.860	1.050	-0.378	-0.8

### Conclusion

The findings indicated that burnout has proven to be an issue. This study contributes to the limited evidence supporting the link between burnout and adding new information to occupational health and safety for workplace environment which could be exploited to advance the quality of Public Health Services provision during COVID-19 Pandemic in Greece. These results can help the public administration from programs and interventions in order to provide a safe work environment for employees in Public Health inspection workforce services and other Health Employees. Also, the public administration may use these results and insights in the effort to increase performance and productivity of the public sector, employees in rural workplaces report higher scores of burnout in all dimensions

### References

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