



Occupational Hazards Associated with Quality and Training Needs in Public Health Inspectors in Greece

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Methodology/Results

Methodology: This is cross-sectional, nationwide study in Greece, conducted in one phase at the third quarter of 2021. For data collection, an online survey was created, and the web link was distributed to respondents by email. A total number were contacted, providing N=185 responses, which account for 27% (185/684) of the population under study. Job risks were measured with a novel instrument developed, proposed classification, also a checklist was proposed for risk assessment, and developed instrument for measured training needs and quality.

Results: The findings indicated that 87% of participants gave high ratings to psychosocial risks and ergonomic risks, followed by 78% for organizational risks and 74% for biological risks. Physical risks and chemical risks are 55% and 56%. Organizational risks ($\beta = -0.282$, $p = 0.001$), perceived training quality ($\beta = 0.195$, $p = 0.002$), 65.41% reported high training needs.

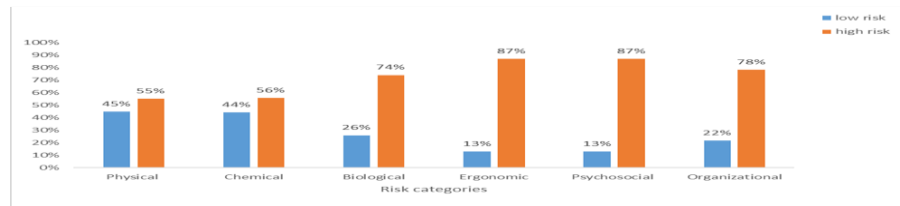


Figure 1. Total scores in each risk category (low risk- high risk).



Figure 2. Training quality level (1-6): low (≤ 3), medium (3,4), and high (≥ 4) / Training needs level (0-4): low (≤ 2), medium (2,3), and high (≥ 3).

Conclusion

PHIs' face a variety of job risks, these findings were among the first to address Occupational Health and Safety of PHIs' worldwide. Adding new information to occupational health and safety, which could be exploited to advance the quality of Public Health Services provision. We were provided relative to the occupational hazards (job risks) that are encountered by Greek Public Health Inspectors, updating the evidence from a limited global literature. In fact, there is no connection in the literature and scientific publications of Occupational Health and Safety with Public Health and Hygiene, this connection is essential because they are interrelated as Occupational Health and Safety is part of Public Health.

References

- Adamopoulos, I. P. & Syrou, N. F. (2022b). Workplace Safety and Occupational Health Job Risks Hazards in Public Health Sector in Greece. *European Journal of Environment and Public Health*, 6(2), em01.
- Adamopoulos, I. P. (2022). Job Satisfaction in Public Health Care Sector, Measures Scales and Theoretical Background. *European Journal of Environment and Public Health*, 6(2), em0116. <https://doi.org/10.21601/ejeph/12187>.
- Adamopoulos, I., Lamnisis, D., Syrou, N. & Boustras, G. (2022b). Public health and work safety pilot study: Inspection of job risks, burn out syndrome and job satisfaction of public health inspectors in Greece. *Safety Science*, 147. doi.org/10.1016/j.ssci.2021.105592.
- Adamopoulos I., Lamnisis D., Syrou N., Boustras G., (2022a). Inspection of job risks, burn out syndrome and job satisfaction of Greek Public Health Inspectors, *Safety and Health at Work*, Volume 13, Supplement, 2022, Page S294, ISSN 2093-7911, <https://doi.org/10.1016/j.shaw.2021.12.1670>.
- J. Adamopoulos, I. P. & Syrou, N. F. (2022a). Associations and correlations of job stress, job satisfaction and burn out in public health sector. *European Journal of Environment and Public Health*, 6(2), em0113. <https://doi.org/10.21601/ejeph/12166>.