

ANALYSIS OF INDUSTRIAL ACCIDENTS RATE AND EXPENDITURE ON LABOUR PROTECTION IN UKRAINE REGION-WISE

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Research methodology. The results are obtained through the use of methods: grouping – while groups of regions with different levels of manufacturing accidents are being picked out; quantitative analysis – while establishing the relationship between the manufacturing accidents rate and the expenditures on labor protection region-wise.

Results. Industrial accident rate and expenditures on labor protection in Ukraine in the regional context are analyzed. The dynamics and amounts of the social insurance fund expenditures on industrial accidents in regions are discovered with a help of the grouping method. The groups of regions with low, medium, high, very high level of occupational injuries.

The efficiency of the grouping method to identify the potential opportunities of increasing the economic efficiency of governmental labor protection system and the regional programs to reduce the manufacturing accidents development is proved. The occupational risks prevention politics is offered as a lead direction of manufacturing accidents' reduction.

Novelty. The groups of regions of Ukraine with a low, medium, high, and very high level of manufacturing accidents are picked out on the basis of relationship between the industrial accidents rate and the expenditures on labor protection.

Practical value. The results of the research can be applied for improving the efficiency of the regional industrial accidents rate reduction programs.

Keywords: working conditions, diseases, injuries, industrial accident rate, expenditures on labor protection, social insurance against industrial accidents, economic and mathematical models, grouping method.

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