

Milano meeting report, WG4

The general purpose of WG 4 is to develop means and indicators for monitoring and evaluating the impact of interventions on injuries and illnesses in agriculture.

The purpose of the first project phase was to find limitations and weaknesses of reporting and registration of WAs, WRDs and ODs in agriculture of the European countries.

Task 1. To compare WA statistics in agriculture based on Eurostat and national databases (2013) and to find weaknesses in the registries. The article is published on this topics:

Merisalu, E., Jakob, M., Leppäla, J., Rautiainen, R. Variation in Eurostat and national statistics of accidents in agriculture. *Agronomy Research*, 2019;17(4):xx-xx. Running issue.

<https://agronomy.emu.ee/category/running-issue/>

The analysis of Eurostat databases the authors concluded that it is not possible to get an accurate picture of the work accident situation from Eurostat statistics, and hence these statistics are not helpful for making policy decisions to address hazards and risks in agriculture. This study identified great variation in reported fatal and non-fatal accident counts and rates in Eurostat and national sources. Sources of variation include differences in a) farm structure, b) use of reference populations c) under-reporting, d) inclusion/exclusion criteria and e) interpretation of data by users. Some inconsistencies are structural due to lacking social insurance schemes for farmers and family labour. Some could be addressed by better implementation of ESAW harmonizing rules, including clarification of including/excluding self-employed farmers, who form the majority of the agricultural workforce in most countries. Alternative methods, such as standardized surveys, could be considered to augment Eurostat statistics.

Task 2. To complete and carry out the E-questionnaire to investigate

- A) WRD and OD statistics, reporting and compensation system in the European countries, participating in the project; To clear out the reported cases of 8 groups of OD and other diagnoses; To analyse the reporting and compensation systems of WRD and OD.
- B) WA (fatal and non-fatal) statistics (2013, 2015, 2017), reporting and compensation system in agriculture, concentrating on crop and animal production in the participating countries.

Questions (15): reference population, total numbers and incidence of NFA and FA; WRD and ODs in the agriculture (CAP), in the years 2013, 2015, 2017; reporting, registration and compensation systems; problems and obstacles of achieving correct national information systems.

E-questionnaire was sent to the participating countries (n=37) in June 2019.

The first results were analysed in Milano meeting. The task group solved to continue study, calling for answering all the participating countries. In the part of work accidents some questions were repaired and sent to the countries who didn't yet answer yet. The preliminary results were presented in the workshop on the next day.

Continuing activities: a) work with literature. Critical analysis WA statistics, causes and consequences published in last 10-15 years; b) analysing trends in WA, WRD and OD statistics, based on Eurostat database.

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