



# Statistics situation in Poland

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## Estimation of % dwelling fires with electrical source

- the only **source** of information – reports of the State Fire Service
- **limited reliability** - the firefighter in charge prepares a report on the incident by filling out a standardised form, one of the elements of which is the "probable cause of the fire" – based on the results of the reconnaissance and his/her personal assessment (full investigation is conducted only in the case of human casualties or high material losses)
- **electrical causes** are collected in 4 categories:
  - defects of electrical devices and installations, in particular cables, lighting equipment and devices without heating ones
  - improper use of electrical equipment and installations
  - defects of electric heating devices, in particular: ovens, coil heaters, cookers
  - improper use of electric heating devices

- no direct data on **dwelling fires with electrical source** available  
- in-depth analysis and estimation needed
- in-depth analyse and estimation made together with FEEDS in 2020 bringing the total number of fires from electrical source to **14.5% of all domestic fires**, or 8,090 fires per year
- a review of the State Fire Service statistics, without in-depth analysis and estimation, would indicate that fires with electrical source constitute only **4-5%** of all fires (including fires outside buildings e.g. vegetation, vehicles)
- the percentage of accidental fires having an electrical source is lower compering to western EU countries due to the **higher share of fires originating from solid fuel heating devices, electrical inspection system** may also contribute to this lower results

## Annual estimation of electric shocks and electrocutions

- data is **not collected** in a systematic way

*(...) Published data is incomplete, selective, compressed and does not allow for the preparation of reliable statistics in this area (...)*

*(...) In the period from January 2020 to October 2021, a total of 645 patients requiring medical intervention after electrical shocks were recorded by healthcare system (...) – on average 30 cases monthly*

Source: Elektro-Info no. 3 of 2023 „Electric shocks: Primary health care statistics in 2020–2021" (pp. 67–69) by Czosnyka Michal, Wnukowska Bogumila.

- no data on electrocutions – medical reports provide the direct cause of death, in this case it may be, for example, cardiac arrest

# Thank you very much

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