

Statistical data in a kilometer grid in areas affected by flood in Poland (September 2024).

In response to the flood situation that occurred in Poland in September this year, the Statistics Poland prepared and published maps presenting statistical data in a kilometer grid in flood-affected areas. The study area covers:

- gminas from powiats specified in three Regulations of the Council of Ministers published on 16, 17 and 20 September 2024. The regulations introduced a state of natural disaster on those areas.

- gminas affected by flooding based on observations from ICEYE radar satellites.

All thematic layers published in [Geostatistics Portal](#) were prepared on the basis of:

- data from the National Census 2021 on: population, buildings and apartments;
- data from the Agricultural Census 2020 (transferred to the EUROFARM database) on the number of farms by farm headquarters (own data).
- vector data presenting the maximum flooding ranges from Earth-observing radar satellites - ICEYE constellation (data obtained on the basis of many years of cooperation with the Crisis Information Centre of the Space Research Centre of the Polish Academy of Sciences (CBK));
- satellite estimate of the main agricultural and horticultural crops - the data includes an estimate of the area for 37 species of crops in flooded areas developed by the Central Statistical Office using satellite remote sensing methods.

This type of interactive visualizations can be used to make preliminary estimates of losses or directions of rescue and assistance actions for regional decision-makers.