Study visit for the representatives of the statistical office of Israel

CORstat as a system for managing surveys and interviewers

with special regard to GIS

Piotr Gradzik
Statistical Computing Centre
p.gradzik@stat.gov.pl







CORstat as a system for managing surveys and interviewers

Scope of presentation

- the context of the system for managing surveys and interviewers (CORstat)
- live demonstration of the CORstat system
- GIS functions, we are working on, which will be implemented in the near future
- development of e-questionnaires applicable to all survey modes (CAPI, CATI, CAII)

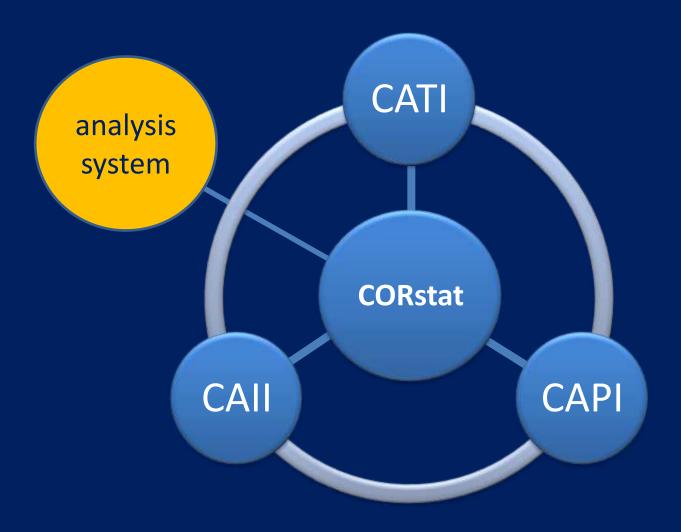
the context of the system

- 1) Several types of surveys and respondents (surveys are conducted in households, on farms or in retail points)
- 2) Substantive and organizational procedures are prepared by Central Statistical Office
- 3) Surveys are coordinated by the regional statistical offices (16) in its area of operation using the local network statistical interviewers
- 4) Data are collected by the interviewers visiting the respondents or by telephone or sent directly by the respondent via Internet
 - We have 930 interviewers CAPI and approx. 300 interviewers conducting telephone interviews, and several hundreds of thousands of respondents

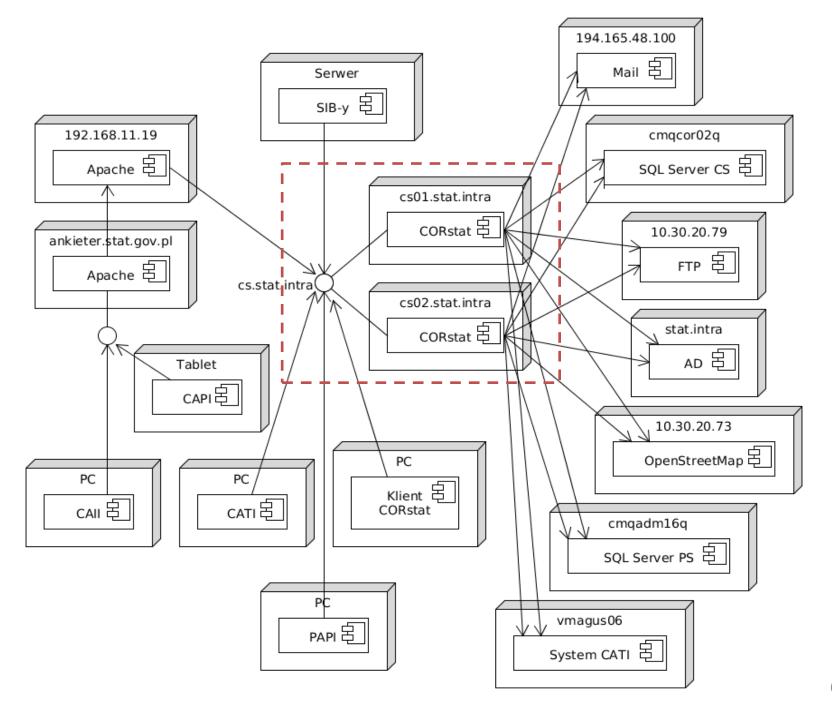
the main requirements for the system

- 1) Integration of all information about all the surveys, the participants and the activities performed by them
- 2) Separate data areas for surveys participants from different regions (provinces) autonomously, ie. without the ability to use the system functions for data outside the region
- 3) Adaptation for cooperation and data exchange with other systems (eg. System Call Center-CATI, CAPI)
- 4) Flexibility in creating user roles, interchangeability of user roles in different surveys and the possibility of combining different roles in the same survey

general scheme of the environment



details



data collection methods

Mixed mode approach:

- first approach by Internet (CAII/CAWI),
- followed by telephone (CATI) in case we have a telephone number available,
- otherwise face-to-face (CAPI)

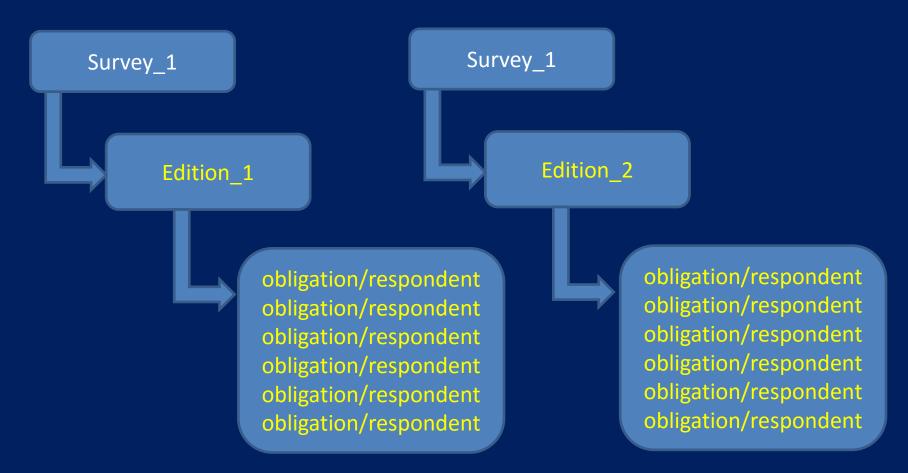
.. and paper questionnaires (PAPI) – if there is no other option

development of the CORstat system

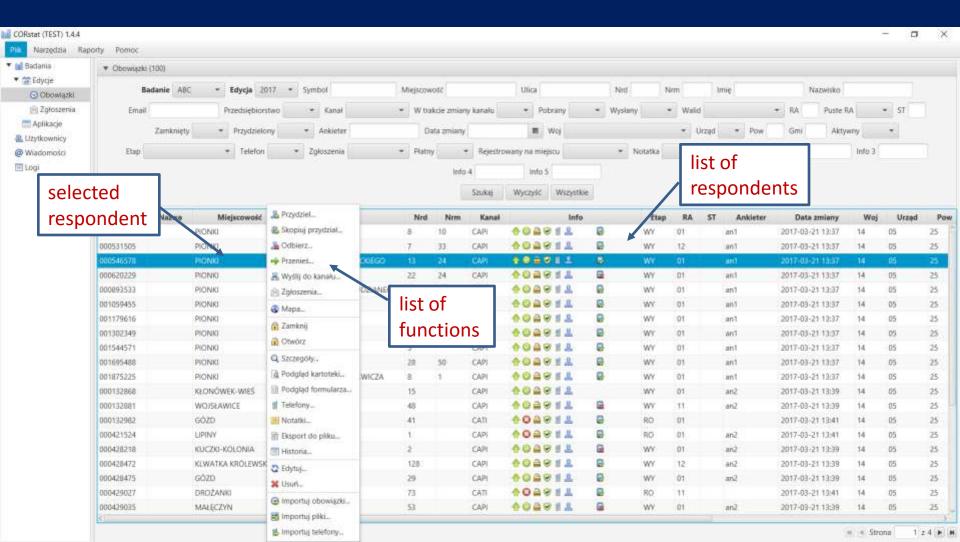
- 1) CORstat system was developed by Statistical Computing Centre (CIS) and is still developed and adapted to the needs of users
- 2) We collect users comments and suggestions on user interface and application functionality.
- 3) We have a discussion forum for users and a special system, where they can watch the progress of work

organization of data in the CORstat system

Survey ⇒ Edition ⇒ obligations

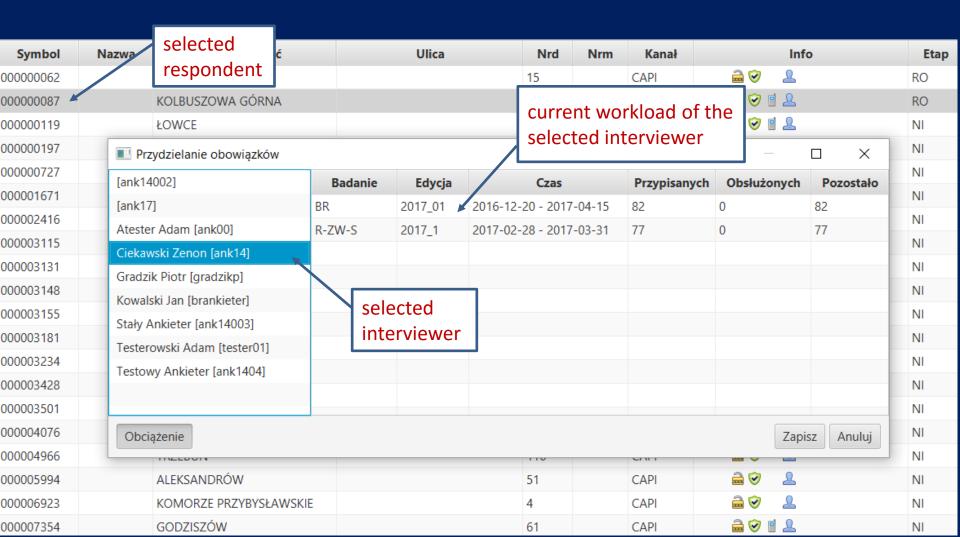


List of respondents (obligations) + list of available functions



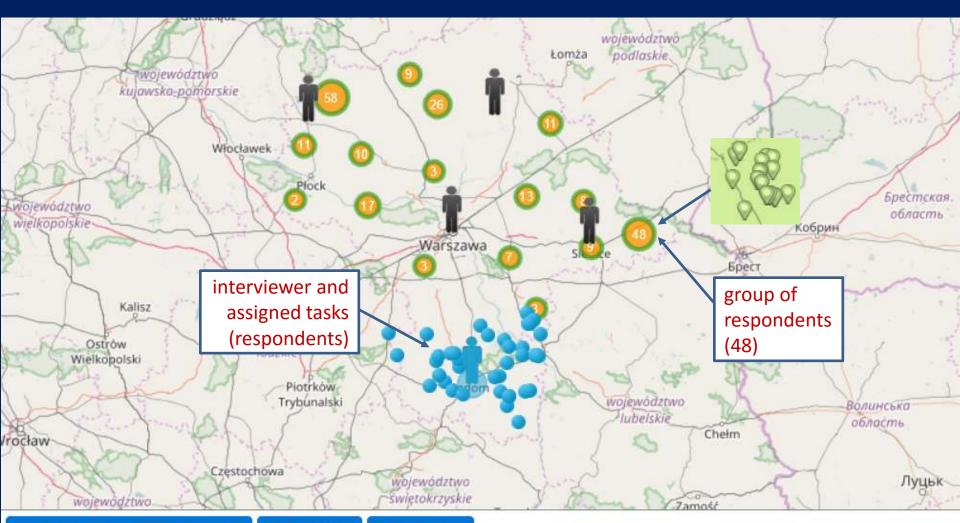
CORstat system - assigning tasks to interviewers

Manual assignment



CORstat system - assigning tasks to interviewers

Automatic assignment – visualization on map



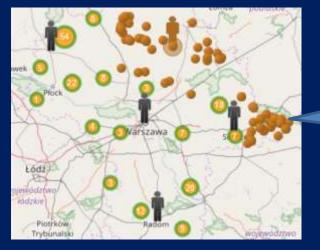
CORstat system - assigning tasks to interviewers

How to correct automatic assignment on the map?

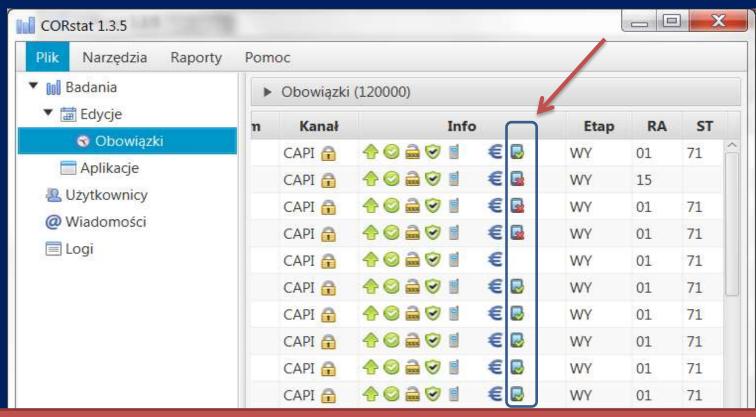


(1) click on the symbol of interviewer

(2) click on the symbol of group of respondents



done...
the same color means
the same interviewer



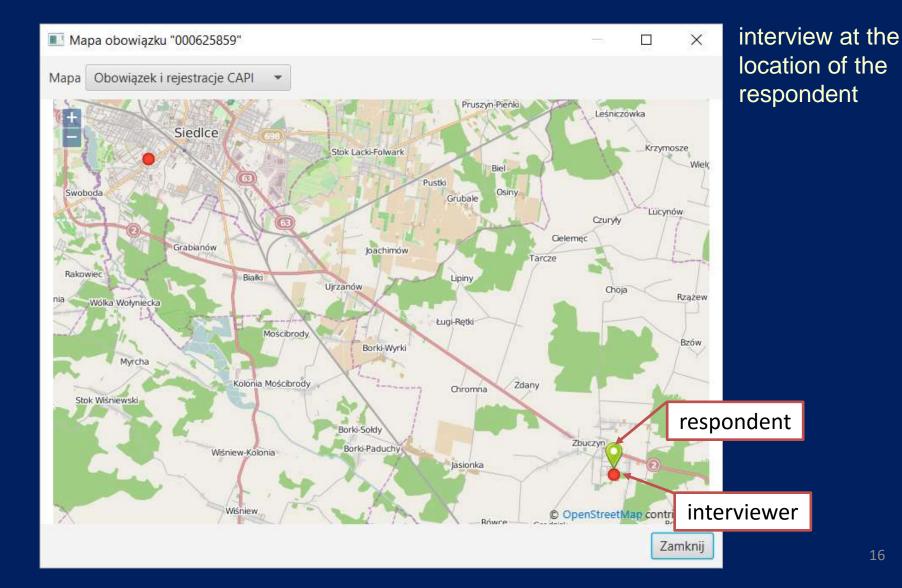
Information - whether the interviewer conducted a survey at the destination If distance is lesser than 100 meters from the location of the respondent then yes (*)

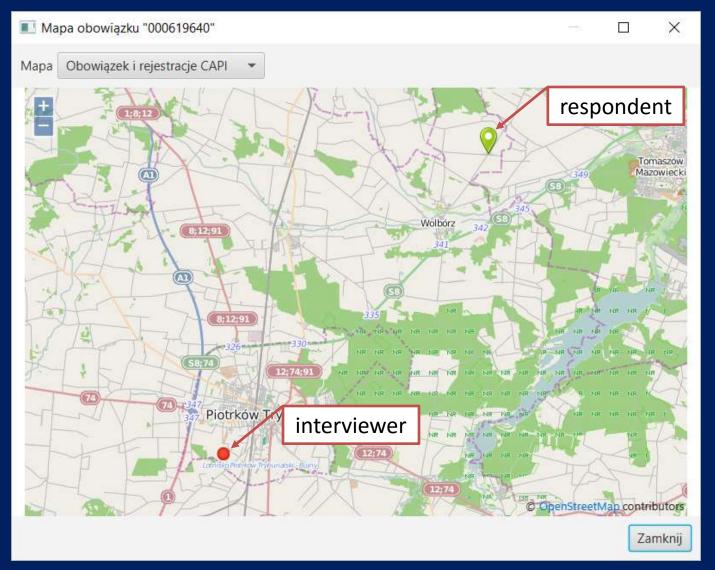


Information - how far from the location of the respondent, the interviewer entered the data:









interview outside the location of the respondent