

Integrating administrative data in the statistical production process of population Statistics in Finland

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- History of Administrative Registers in Finland
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History of Administrative Registers in Finland

- The first exhaustive register of persons was established by Social Insurance Institution in 1960's
- The personal identity code was introduced 1964
- Later it was widely introduced in other administrative registers
- Earnings-related pension system began in 1960's, and in 1970 enlarged covering also self-employed
=> the data both on employees, self-employed and pension recipients were registered
- Central Population Register was established 1969
=> Population Register as a basic register on population for all authorities

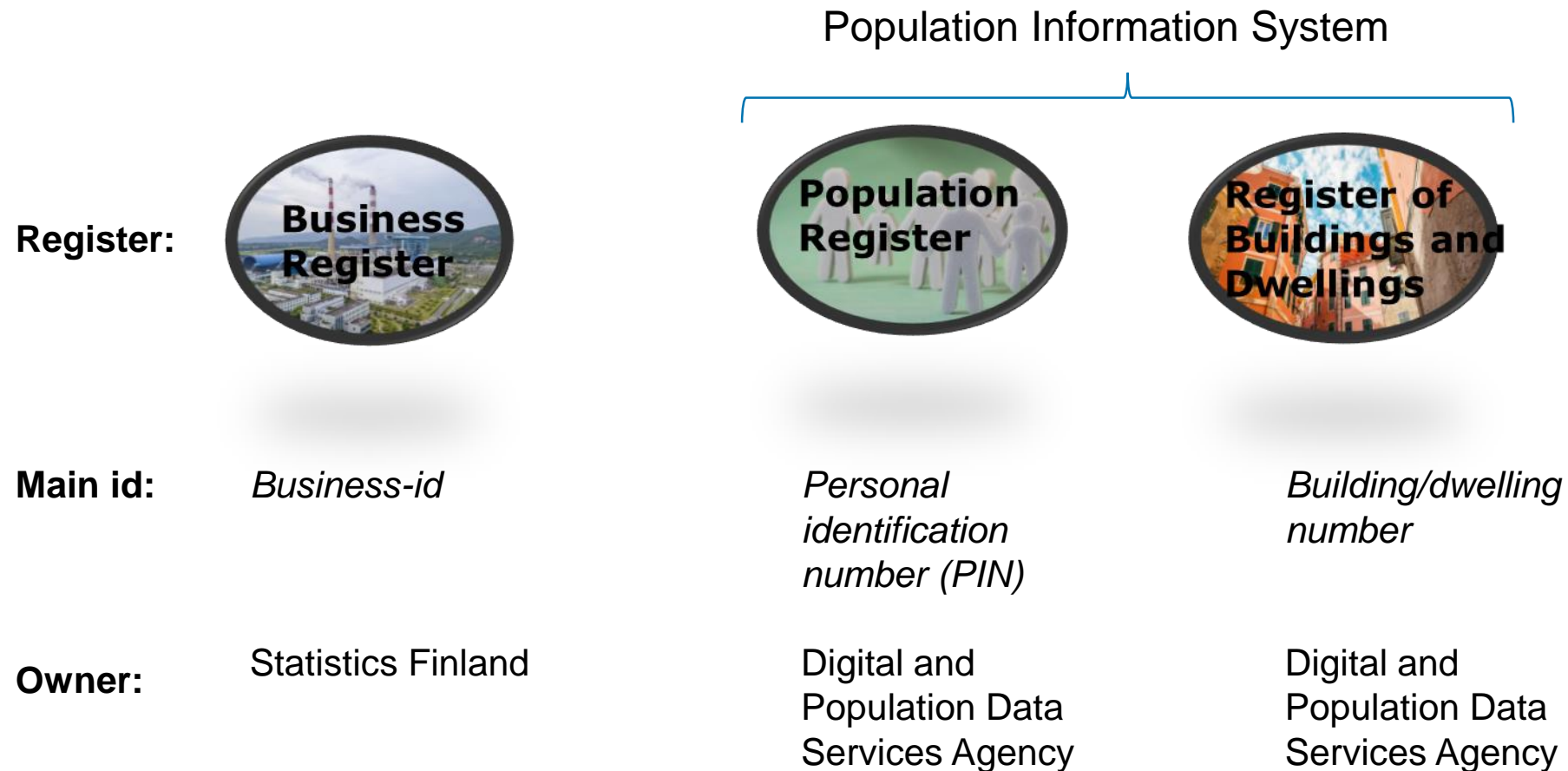
History of Administrative Registers in Finland

- Unemployment benefit developed strongly in 1970's. Statistics on unemployed based on register started.
- Data collection for the Register of Buildings and Dwellings in the connection of 1980 Census
=> Data entered to the register which was owned by Population Register Centre (nowadays *Digital and Population Data Services Agency*)

New registers

- Income register held by Tax authority
 - Has replaced many employment registers and some inquiries
- Register on education, students and qualifications held by Ministry of Education and Culture
 - Has replaced data collection from educational institutes

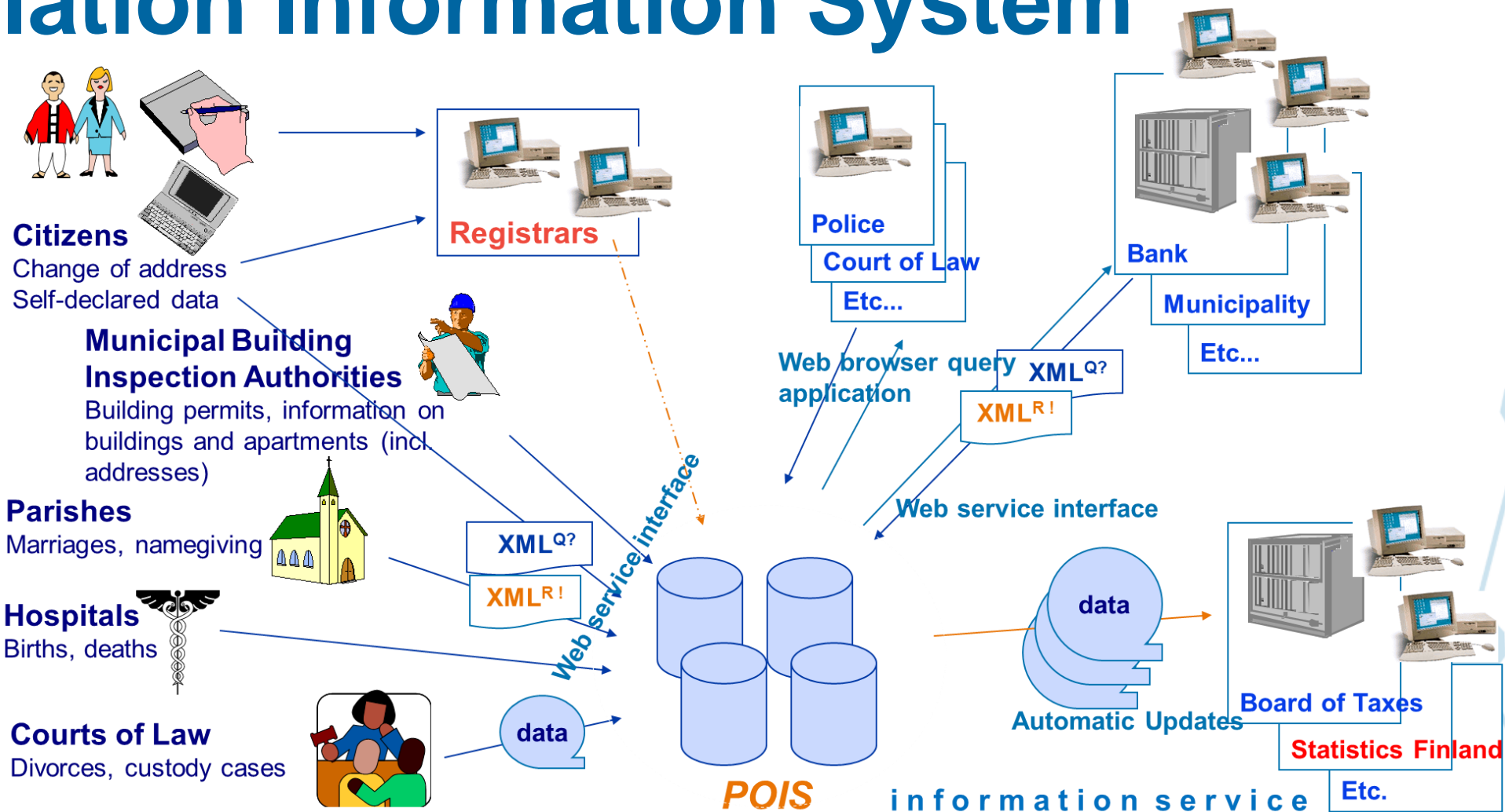
The basic registers for statistical purposes



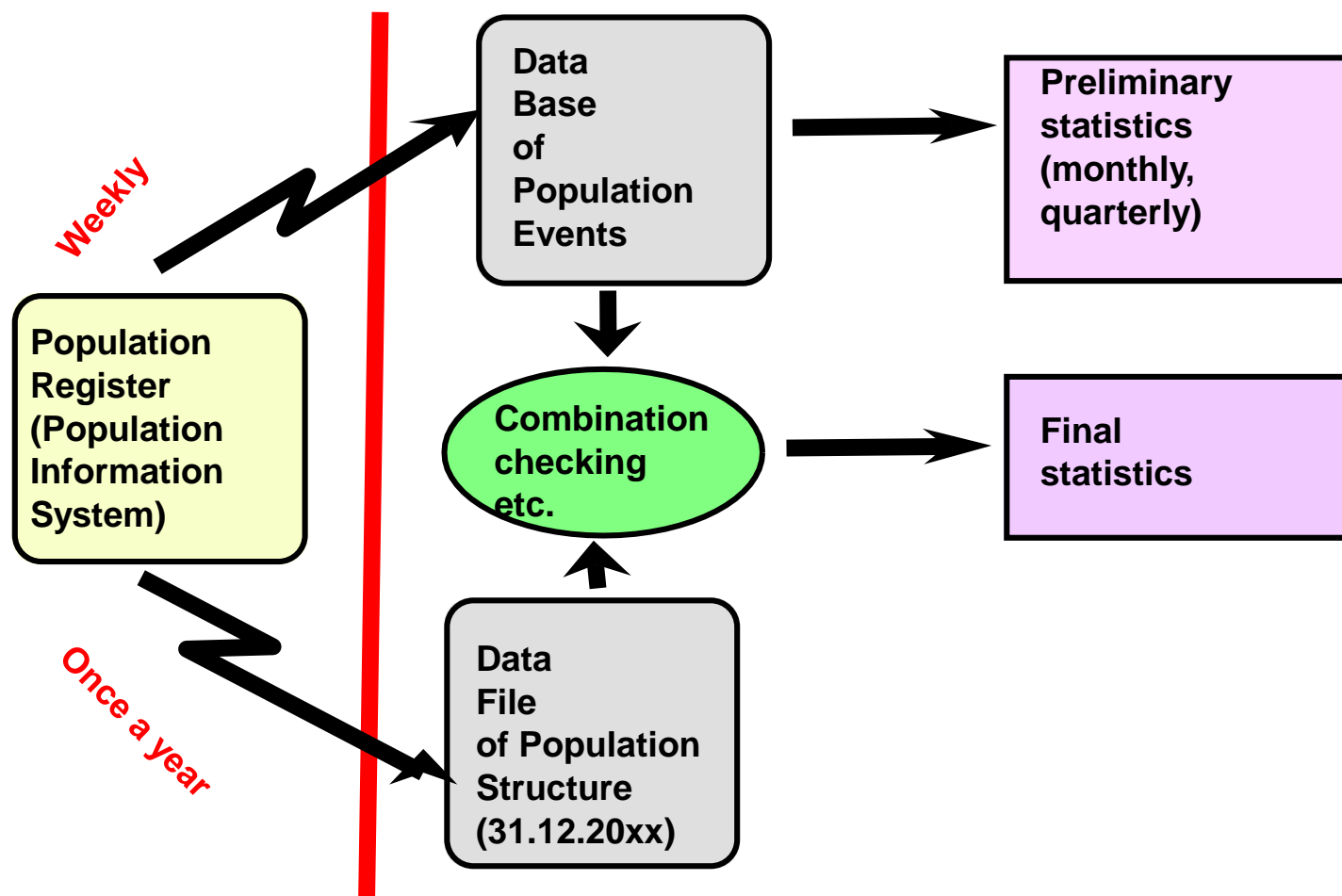
Administrative data on population: Population Information System

- Population information is used for various purposes in society. The Population Information System contains the official information for the whole country on:
 - Finnish citizens and aliens residing permanently in Finland
 - Buildings and dwellings and their holders
- The Population Information System provides data to the administrative authorities and courts of law as well as for statistical and research purposes. Business enterprises and private citizens may obtain for example address information.
- Maintained by the Digital and Population Data Services Agency
- The most used basic register in Finland
- Each person is assigned the unique identifier from this central information system at time of registration (birth etc.)
- Data from this central system is shared with authorities, businesses and citizens (within limits set by law in detail)
- The goal is to provide for efficient collection and distribution of basic personal data across government

Sharing the population data of the Population Information System



Data flow from the administrative population register to the population statistics



Population Statistics

Population structure

Population 5.5 million people

Vital statistics

1 million notifications yearly

Family statistics

1.5 million families

Population projections

Cause of death statistics

54 000+ death certificates

Population statistics

- All demographic events on individual level weekly
 - births, deaths, marriages, divorces, migration
 - All relevant identification number/s (person, country/municipal, building, dwelling)
 - Date of the event
- Preliminary statistics are published monthly and quarterly
 - Releases in $t + 3$ weeks
- Final statistics once a year
 - Population structure $t + 3$ months
 - Families $t + 5$ months
 - Vital statistics $t + 4-6$ months

Thank you!

- Questions?

