

# A STATISTICAL SYSTEM BASED ON LOGICAL DATA CONNECTION

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# The register system of today

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- Developed along with improved possibilities and increasing demand
- Characterized by the inclusion of many physical units (registers)
- A considerable data redundancy
- Repeated data processing
- Different definitions of concepts
- Confusion



## Data redundancy

### Principal register      Number of registers

Population	36
Income / EC	31
Education	18
Unemployment	14
Indvandrer./Efterk.	14



# The strategi of the register system

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- A certain variable shall always be picked up at the same place
- A register is defined logical as a set of rights to access certain variables
- The number of physical register units will be severely limited
- Variables shall not be passed on to third parties



# The register system

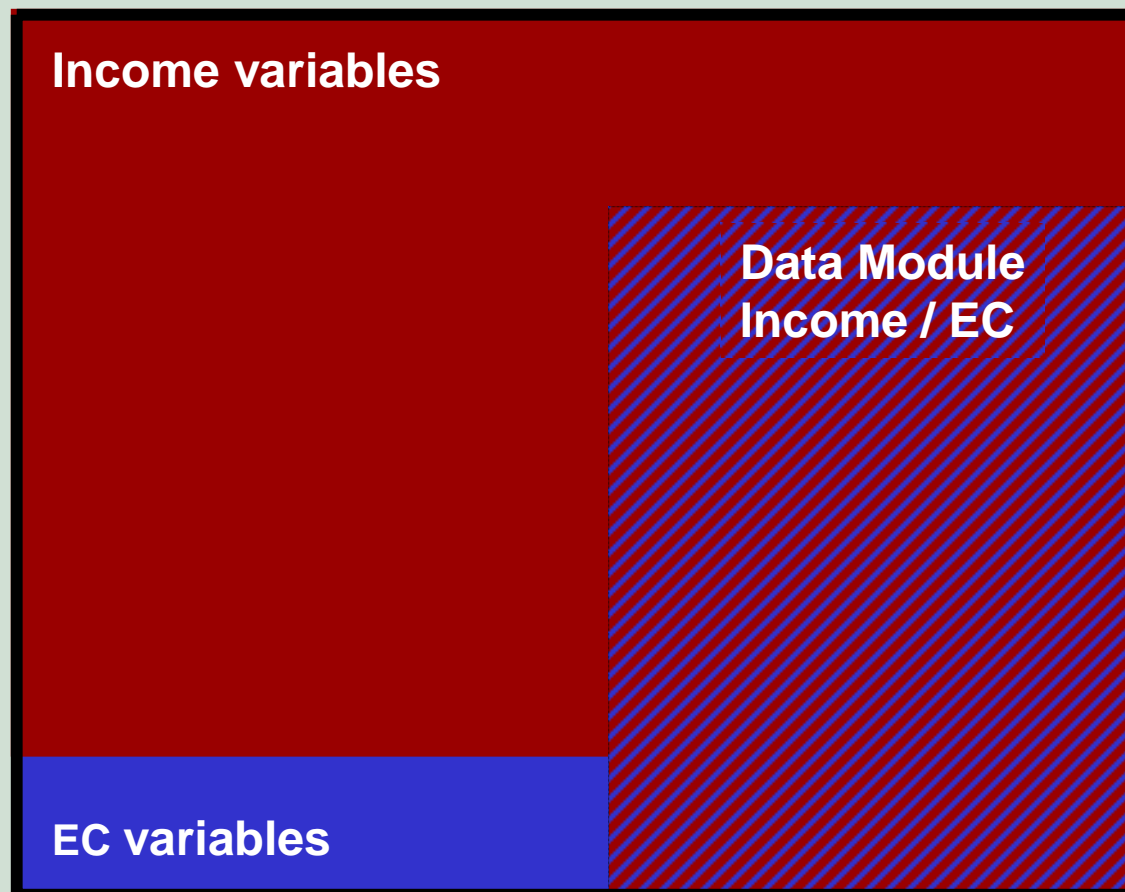
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- Topic oriented primary registers
  - All variables used in SD
    - for statistics of the principal domain concerned (Primary variables)
    - at the disposal of other statistics (Modulvariable)

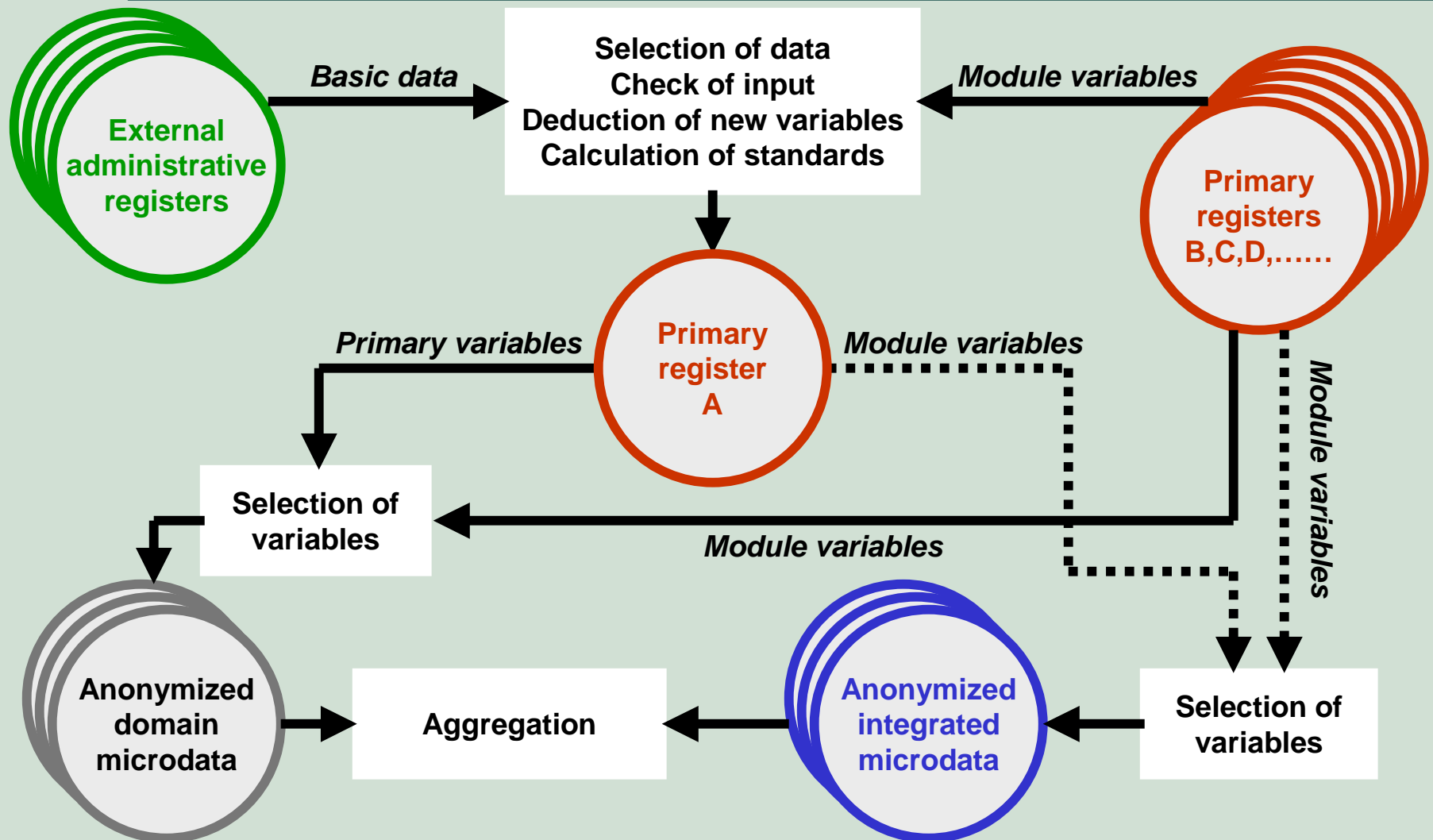


# Primary register Income / EC

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# The system of registers



# Statistics on personal income

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- Basis data from the tax authorities
  - The Central Information Register
  - The Final Assessment System
  - The Central Pension Register
  - The Pension Duty System
- Module variables
  - Deduction of new variables
  - Supplement
  - Background variables





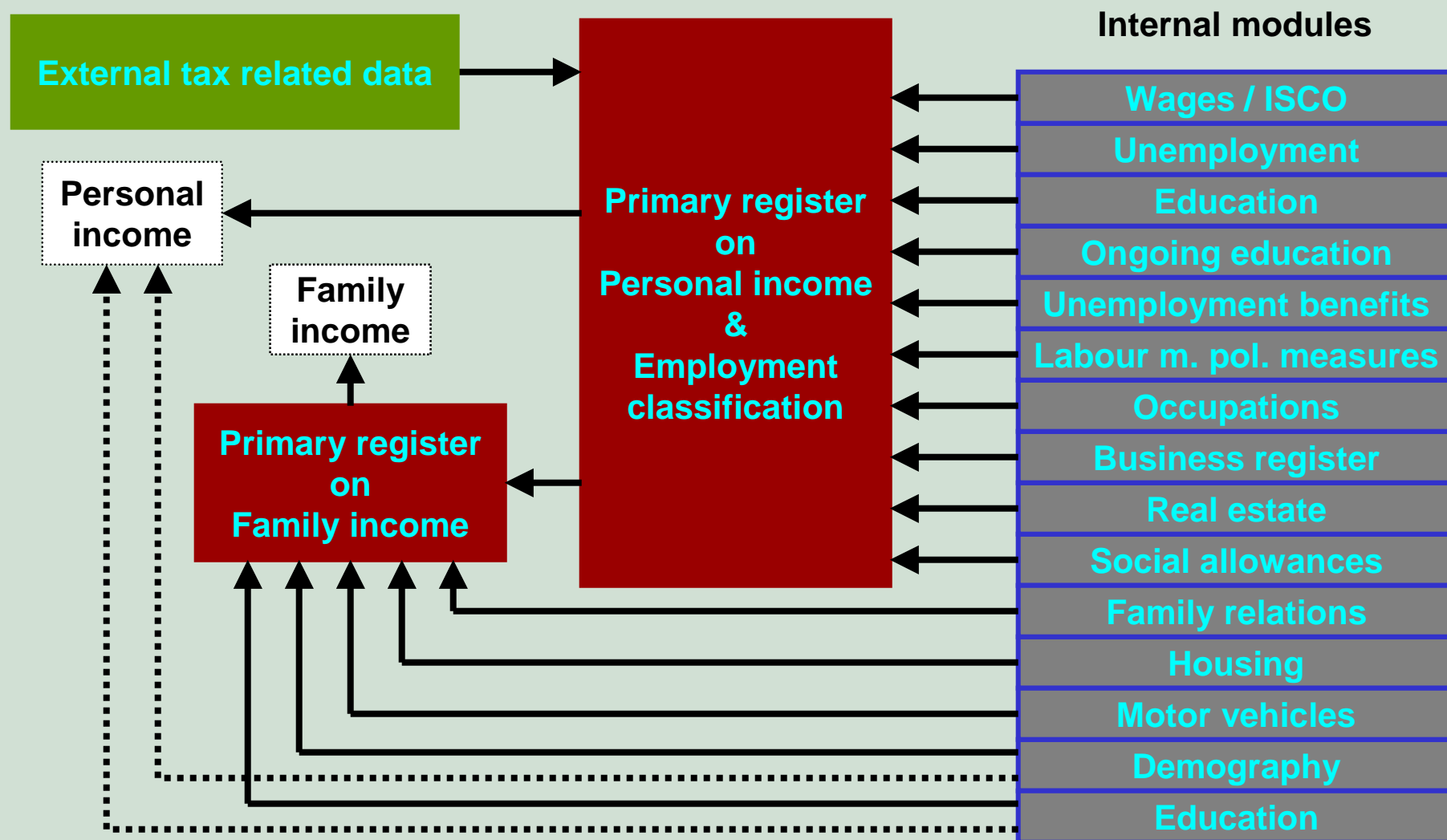
# The system of statistics on income

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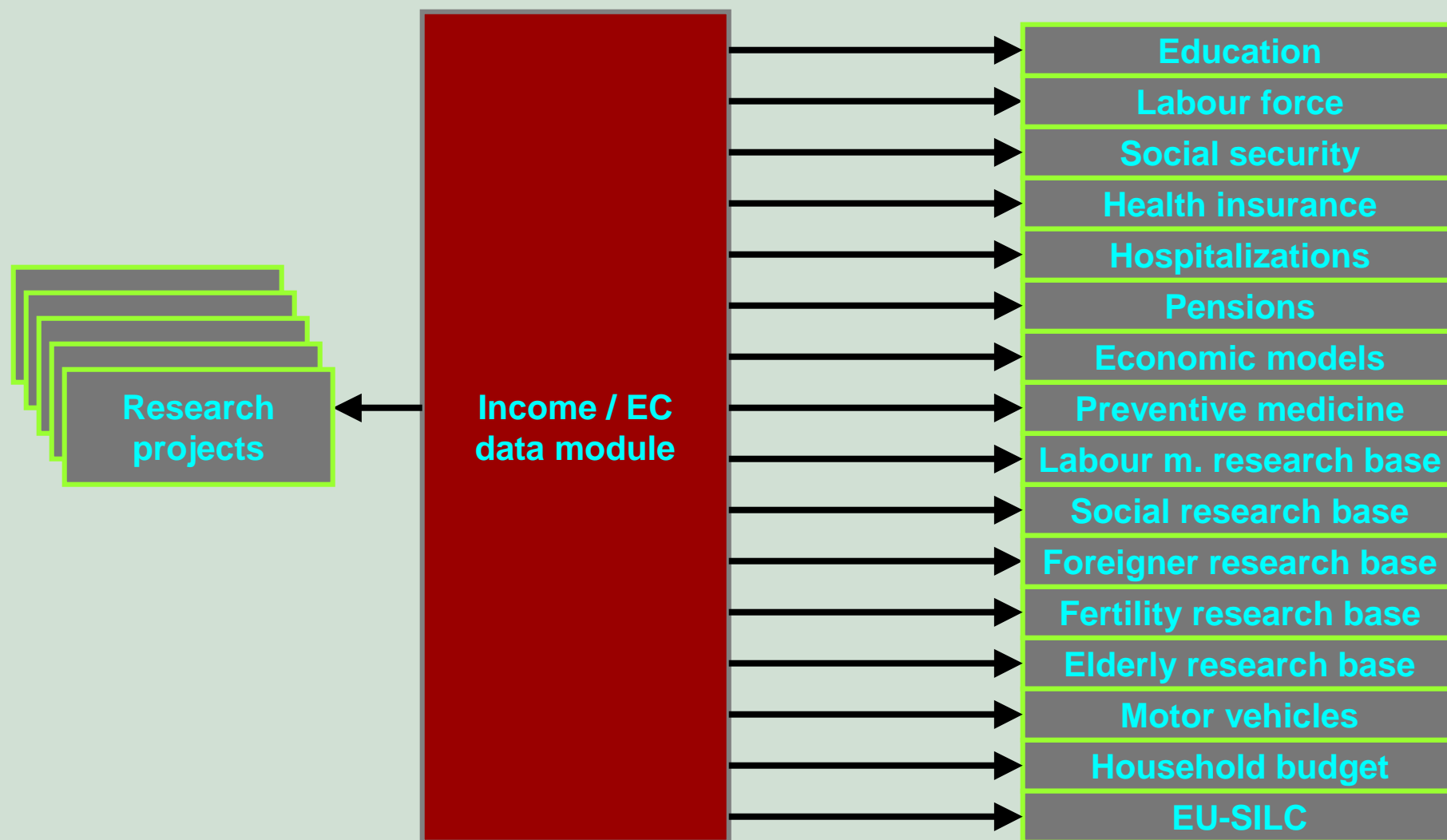
- Today
  - The register of income statistics
    - The register of wages, pensions etc.
  - The Employment Classification Module ECM
  - The Register of Wealth Statistics (Person)
  - The Register of Wealth Statistics (Family)
- Replaced
  - Income / ECM Register
  - Family Income Register



# Input to statistics on income



# Data flows from the data module



# Gains

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- Limited data redundancy
- Repeated data processing will be avoided
- More uniform definitions of concepts
- Clear responsibility of documentation
- Same updating level of a certain variable used in different domains



# Consideration

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- Data security
  - Rights of access
  - Storage of identifications
- Distinction
  - Authority variables
    - part of the statistical programme
  - Service variable
    - readiness of commissioned service

