MEASUREMENT OF THE VOLUME OF GENERAL GOVERNMENT EDUCATION AND HEALTH SERVICES, AND RESEARCH AND DEVELOPMENT FOR SLOVENIA

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National Accounts
Direct output method

- stratification / output is defined and quantity indicators are chosen
- quality adjustment
- weighting

- analysis of productivity is possible
Volume of non-market education services

example: measuring the volume of non-market output of higher education

- output broken down by type of education program, position in the national degree structure and field of study ISCED97 classification (22 fields – annex 1)
- quantity indicator – number of students
- quality adjustment on the basis of quality changes of inputs (teaching staff) and outcomes (advance to next level)
- weighted with costs per student by type of field of study and with value of output by type of education program

Data sources and methods for other fields presented in table 3
Volume of non-market health services

eexample: volume of non-market health services to inpatients by general and specialized hospitals – acute inpatient treatment

- measured on basis of DRG (Diagnosis Related Groups) system
- quality adjustment on the basis of DRG system
- weighted with data on prices of the health services provided – each group in DRG has its own cost weight

Data sources and methods for other fields presented in table 3
Input method

- sum of all inputs in production in volume terms
- changes in volume of inputs = changes in volume of output

- analysis of productivity is not possible
Education

Annual volume growth rate (%)

Health

Annual volume growth rate (%)

Annual volume growth rate (input method)
Annual volume growth rate (direct output method)
Volume of research and development

Input method used for measurement of the volume of market and non-market R&D output

sum of all inputs in production in volume terms:
- intermediate consumption (6 components)
- compensation of employees (broken by sector)
- consumption of fixed capital
- other taxes on production
- subsidies
- net operating surplus
- expenditure on own-account production of software and other adjustments

Complete stratification in table 6