

Abstract

A Study on Educational Indicator Development and Statistical Capacity Building

Chang Hwan Kim
Hu Nam Im
Sung Ho Park
Sung Bin Moon
Bon Young Kim
Ki Jun Lee
Jae Min Park
Jin Hee Kim
Seok Hee Lee
Jong Hyo Park
Jung Jae Lee
Jae Eun Chae

This research, on educational indicator development and statistical capacity building, aims to develop useful educational indicators and to build capacities of Korea's 24 priority partner countries for the effective management of education data and further utilization of data for policy making.

The research project plans to be conducted for the next ten years, and the first year's work focuses on comprehension of priority partner countries' current national educational statistics systems and the needs of developing and improving the education-related indicators. Consequently, this year's study attempts to formulate the master plan and action plans for the next few years based on the analysis of current needs.

This research takes the following steps to examine the current status and major concerns regarding education data in priority partner countries:

1) It starts with a literature review on the concept of 'educational indicator development' and 'capacity building' to define the frameworks for the educational indicators in priority partner countries. 2) The study analyzes and compares 24 priority partner countries' national educational data and statistics system. 3) It also analyzes 24 priority partner countries' UIS based education data from 1999 to present. Since the UIS data will be used for monitoring of Sustainable Development Goals, the study also investigates the readiness of 24 priority partner countries to achieve SDG4. 4) It conducts a demand survey for 8 Asian countries and finds that 'human resource development and training', 'data collection method', and 'quality management' are the three major areas in need of improvement.

Furthermore, this study addresses the plans for the future research based on current status of education statistics systems in priority partner countries. For the statistical capacity assessment, the study develops a diagnostic tool which will be used in the next phase of the research. And it presents a system construction plan for the advancement of education statistics system in priority partner countries. Finally, the study proposes the methods for expert consultation on the statistical capacity building.

The contribution of this study may be that it is the first Korean study that attempts to assess and compare the current status of education statistics in 24 priority partner countries. By examining not only education data at national level but also available data for SDG monitoring, the study carefully investigates each country's ability to produce internationally comparable indicators as well. Also, the proposed diagnostic tool and the plans for statistics system construction and expert consultation are thoroughly studied in this research based on the evidence and partner countries' needs. It has been criticized that previous attempts for development assistance has been donor-centered, however, this research tries to reflect the recipients' needs. Thus, this study has a great significance regarding providing a guideline and foundation for the future research activities. Moreover, the study aims to contribute to a sustainable development by cooperating on development and implementation a well-rounded educational indicator that supplements current problems in priority partner countries.

Key words: educational indicator, statistical capacity building, indicator development, capacity building, international cooperation