

Quality improvement of administrative registers statistically exploited to generate the indicator-based decision-making system in the State of Yucatan, Mexico

Federico Segui *

Expert on Quality in Official Statistics contracted by the World Bank, Montevideo, Uruguay fsegui@ine.gub.uy

Amparo Ballivian

World Bank Group, Washington DC, USA aballivian@worldbank.org

Indu John-Abraham

World Bank Group, Washington DC, USA ijohnabraham@worldbank.org

Alejandro Medina

International Consultant contracted by the World Bank, Aguascalientes, Mexico
almgiopp@yahoo.com

Julio Ortegon

Secretary of Planning and Budget of the State of Yucatan, Merida, Mexico
julio.ortegon@yucatan.gob.mx

Ignacio Romero

National Institute of Statistics, Geography and Informatics (INEGI), Merida, Mexico
Ignacio.Romero@inegi.org.mx

Currently, politicians and administrators are increasingly entrusting on measured values and statistics to lead developments within economy and society. The purpose of an indicator-based decision-making system is to provide objective evidence of facts and actions taken. Hence, the system should assure transparency and help to improve the effectiveness and efficiency of governmental programmes. A government project in the State of Yucatan – Mexico aimed to strengthen the state statistical, geographic and evaluation information system (SIEGEY in Spanish) to support proof-based decision-making in the State of Yucatan. The diagnosis phase of this project detected the need of enhance the quality of administrative registers to be used as data source of the statistical, geographic and evaluation information system. The World Bank has supported the development and implementation of a standardized Tool for Quality Assessment of Administrative Registers for statistical use (HECRA in Spanish) in the State of Yucatan. The tool HECRA has been developed focusing on four quality aspects: data source, metadata, data and statistical product (drawn from administrative data). Each of these quality elements consist of dimensions or attributes that are groups of indicators about the same subject. The results of the tool HECRA are then used to discover improvement areas opportunities identifying problems and their root causes, implementing corrective actions to eliminate those causes. This is the basis of the improvement plan of administrative registers that is currently implemented by the State Secretary of Planning and Budget of Yucatan.

Key words: decision making; quality assessment; quality indicators; administrative registers.