Strategic planning for improving the Statistical Register Systems of Manufacturing Industries (MI) in Iran

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Research question and scope of study

• What are the basic register-base systems toward IM in Iran?
• How IM data sources can link?
• What challenges are there in integration data sources of IM in Iran?
• What are the main opportunities and threats?
• Which results are obtained from previous experience of data linkage?
• How register-base of IM can improved?
Methodology

• Review the previous experiences of Iran as well as other countries
• Provide an strategic planning for improvement
• Determine the existence data sources of IM and measure their qualities
• Provide standards for administrative registers that prepare IM’s data sources
• Try to make SWOT by SCI to make improvement strategies
• Focus on integration of different IM data sources
• Conduct supplementary surveys to integration IM’s data and statistical framework
Findings

i. **SO strategies**
   - To elaborate level of collaboration with other organizations based on the governmental position and protection rules of SCI
   - Capacity building to enhance the standard databases in administrative systems
   - Create a linkage between databases (at least 5 database every year)
   - Strengthening cooperation with existing administrative registers

i. **ST strategies**
   - Equalization of definitions as far as possible to harmonize the database structures
   - Define a standard business unique code (BUC)
   - Identification of variables and technical char, edition process etc.
   - In collaboration with the administrative registries create a unified database (or the unified linking codes) to receiving the information which is needed.
Findings

i. **WO strategies**

- To motivate the I.R.I Post company to make standard postal address as an official address to cover postal codes of manufacturing establishment.

- Enhance the level of corporation with administrative offices to complete the postal code coverage.

- **Determination of data obtaining methods** from databases (on-line, off-line, web service, centralized database etc.

- Define the **Iranian National Tax Administration (INTA) register** system as a fundamental register for manufacturing establishment due to the mandatory laws, reliable data and coverage.
Findings

i. WT strategies

- Construct team work with component of the other organization to **purify databases** with in common definitions and classification
- Conduct **conjoint project** for complete the databases and missing data
- Conduct **educational courses** systems for Industrial related experts
- **Prioritizing of databases** in order to organize
- Continued **updating manufacturing establishments** register on a regular basis
- **Systematic supplement database** manufacturing establishments register data on new organizations
- Continuous improvement of indicators
- **Implements data control and quality assurance** for records and images of various databases and registries
Remaining issues/further research

- How SCI can provide rules to integrate different administrative data sources of IM?
- What is the best structure of BUC code for IM?
- How different administrative can upgrade their data sources without changing standards?
- How SCI can provide infrastructures to receive data directly from IMs?
- Which standards are there for data security in on-line linkage?
- What are the methods of linkage data sources (one to multiple record and vice versa)?
THANK YOU for your ATTENTION!