

JALISCO: DIAGNOSIS OF INFORMATION TECHNOLOGY IN THE STRATEGIC INFORMATION SYSTEM IN THE STATE OF JALISCO AND ITS MUNICIPALITIES SUMMARY

In April 2015, a **diagnosis of Information Technology (IT) in the Strategic Information System of the State of Jalisco and its municipalities (SI)** took place. The most important problems found were the following:

Topic	Problem
Organization	<ol style="list-style-type: none"> 1. Lack of SI visualization in the IT processes of the bodies 2. No budgetary programming for IT aligned to the statistical process 3. Most of the bodies do not have a Strategic IT Plan 4. Little involvement of those responsible for IT in the documentation process
Regulations	<ol style="list-style-type: none"> 1. Lack of specific IT guidelines and definition of responsibility regarding evaluation of the quality, conservation and security of statistical data 2. No availability of best practice manuals for IT management 3. Absence of further regulation in statistical information dissemination (now the entities comply with a law on transparency and access to public information of the State of Jalisco and its municipalities)
Human resources	<ol style="list-style-type: none"> 1. In general, shortage of IT staff in the bodies 2. Need for training in best practices for IT management (security/quality)
Data quality and safety	<ol style="list-style-type: none"> 1. Very few institutional security guidelines 2. Lack of quality evaluations and data documentation (standards)
Service quality	Communication between IT areas and producers affect the statistical process
IT resources	<ol style="list-style-type: none"> 1. The lack of IT resources affects the statistical process: license renewal and processing and storing equipment 2. In some bodies the lack of connectivity infrastructure affects data collection (Health).

In conclusion, **state IT regulations should be strengthened** regarding data collection, processing, analysis and dissemination as well as **defining IIEG and SEPAF responsibilities** as to IT support for SI: regulations, data conservation, and quality evaluation of the Administrative Records.

The diagnosis has revealed an urgent need for **data security and quality** so a training program for IT staff, users and producers should be a priority. To ensure the quality of the data necessary for constructing the indicators for the Outcome Indicator Matrix (MIRs) and the Monitoring and Evaluation systems of the State of Jalisco, work should be developed in coordination with INEGI on the application of documentation and dissemination standards for data such as DDI and SDMX.¹

Finally, in a context of austerity, it is important that the **State Committee for Statistical and Geographic Information (CEIEG)** develop strategies to share IT processes, methodologies and resources regarding the production or use of statistical and geographic information of the SI.

¹ DDI is a standard developed through current technical cooperation with the World Bank. The SDMX, a standard for statistical data and metadata exchange, is led by INEGI and there are technical conditions for its application in the framework of this agreement between the WB, INEGI and Jalisco State Government.