Financial Information Forum of Latin American and the Caribbean Central Banks

INEGI’s experience in interinstitutional information sharing among government agencies

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Sistema Nacional de Información Estadística y Geográfica

National System of Statistical and Geographical Information

National Institute of Statistics and Geography
Legal and institutional setting
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INEGI's experience in interinstitutional information sharing among government agencies

- Executive Committee
- 13 Specialized Technical Committees

- Executive Committee
- 11 Specialized Technical Committees

- Executive Committee
- 7 Specialized Technical Committees

- Executive Committee
- 9 Specialized Technical Committees

NATIONAL ADVISORY COUNCIL

- DEMOGRAPHIC AND SOCIAL INFORMATION
- ECONOMIC INFORMATION
- GOVERNMENT, PUBLIC SECURITY AND JUSTICE INFORMATION
- GEOGRAPHICAL, ENVIRONMENTAL, TERRITORIAL AND URBAN PLANNING INFORMATION

INSTITUTIONAL INFORMATION

- NATIONAL ADVISORY COUNCIL
- EXECUTIVE COMMITTEE
- 13 SPECIALIZED TECHNICAL COMMITTEES
- 11 SPECIALIZED TECHNICAL COMMITTEES
- 11 SPECIALIZED TECHNICAL COMMITTEES
- 9 SPECIALIZED TECHNICAL COMMITTEES
- 7 SPECIALIZED TECHNICAL COMMITTEES
Literally, a System of all public agencies

Around 300 public agencies are represented
Interinstitutional information exchange examples
National Price Indices transfer from Banxico to INEGI

SNIEG Law (2008), INEGI’s exclusive mandate:
- Censuses
- National accounts
- Price Indices

Transfer process began in 2008
- Banxico and INEGI to set up a working group

Three-year process established by Law
- Banxico still in charge but INEGI would be increasingly involved

Price Indices mandate effective in 2011
- INEGI would be in charge from July 15, 2011
- Banxico would be granted non-restricted access to computations

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## National Price Indices transfer from Banxico to INEGI

<table>
<thead>
<tr>
<th>Group</th>
<th>Role/Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Group (High-Level)</td>
<td>Leadership and monitoring</td>
</tr>
<tr>
<td>Conceptual-methodological</td>
<td>Methodologies, design, change of base</td>
</tr>
<tr>
<td>Field operations</td>
<td>Data compilation and operations</td>
</tr>
<tr>
<td>Certification</td>
<td>Quality Management System (ISO)</td>
</tr>
<tr>
<td>Technological</td>
<td>Systems, technological infrastructure</td>
</tr>
<tr>
<td>Legal</td>
<td>Compliance</td>
</tr>
<tr>
<td>Management</td>
<td>Human and tech resources</td>
</tr>
</tbody>
</table>

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### National Price Indices transfer from Banxico to INEGI

<table>
<thead>
<tr>
<th>Group</th>
<th># of meetings</th>
<th>Participants INEGI</th>
<th>Participants Banxico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conceptual</td>
<td>26</td>
<td>30</td>
<td>16</td>
</tr>
<tr>
<td>Field operations</td>
<td>334</td>
<td>82</td>
<td>57</td>
</tr>
<tr>
<td>Certification</td>
<td>25</td>
<td>26</td>
<td>30</td>
</tr>
<tr>
<td>Technological</td>
<td>137</td>
<td>44</td>
<td>27</td>
</tr>
<tr>
<td>Legal</td>
<td>7</td>
<td>11</td>
<td>20</td>
</tr>
<tr>
<td>Management</td>
<td>13</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>542</strong></td>
<td><strong>207</strong></td>
<td><strong>164</strong></td>
</tr>
</tbody>
</table>
Tourism statistics

Local tourism agencies
- Federal tourism agency
- INEGI
- Local outlets

Divergent data flows

Data inconsistencies
Tourism statistics

Local tourism agencies

- Federal tourism agency
- INEGI
- Local outlets

Consistent data

Convergent data flows
Health statistics

Registered births

Registered general deaths

Registered fetal deaths

Actual births

Actual general deaths

Actual fetal deaths

Sensible microdata

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Income statistics

How to improve survey estimations?

Survey + National Accounts + Revenue Service

Before data integration (i.e. only survey)
Top decile: 35% of income

After data integration (i.e. S + NA + RS)
Top decile: 50% of income
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## Sustainable Development Goal indicators

### Global framework

<table>
<thead>
<tr>
<th>Tier</th>
<th>Number of indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>101</td>
</tr>
<tr>
<td>II</td>
<td>91</td>
</tr>
<tr>
<td>III</td>
<td>34</td>
</tr>
<tr>
<td>Multiple</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>232</td>
</tr>
</tbody>
</table>
Sustainable Development Goal indicators
Agencies involved
Sustainable Development Goal indicators

www.agenda2030.mx

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Improving Information Management
Business process and quality assurance

Generic Statistical Business Process Model

Quality Management / Metadata Management

Specify Needs | Design | Build | Collect | Process | Analyse | Disseminate | Evaluate

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Chief Data Officer

New data ecosystem

Data management
Flexible ecosystem of secure, quality and interoperable data

Research + data science
Causality, hypothesis testing, methodologies, prediction, exploration of potential data sources

Data analysis + data mining
Patterns, trends, correlations, exploration of potential data sources

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Main takeaways
Main takeaways

- National Statistical Systems as ideal frameworks for data sharing
- Data governance for standardization
- Interoperability for a new data ecosystem
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