Main features and results of the business survey on economic impact of COVID-19 in Mexico

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Content

1. Integrated System of Surveys in Economic Units
2. Collection strategies
3. Results of the business survey on economic impact of COVID-19 in Mexico
What is the Integrated System of Surveys in Economic Units?

**Set of surveys** that are carried out within the country under standards and are oriented to the production of basic economic information, on the main characteristics of businesses and establishments in the context of the National Statistical and Geographical Information System (SNIEG in Spanish).
Main objectives of the System

A. Offer users and state units
The technical, regulatory and methodological elements used in the different stages involved in the generation of statistical information from surveys in economic units.

B. Encourage bonding
With other systems and/or related projects such as the System of National Accounts, Economic Censuses, Prices and the National Statistical Register.

C. Carry out economic surveys
Of the country with the criteria of technical and methodological homologation, focusing the production of basic statistics towards the standardization of their processes.
Regulatory framework

Law of the National Statistical and Geographical Information System

National Economic Information Subsystem

- Article 23
  - Infrastructure
- Article 24
  - Key Indicators
- Article 25

Information sources:
National Economic and Agricultural Censuses;
Integrated System of Surveys in Economic Units;
Administrative Records.
System aligned to the Statistical and Geographical Process Model

In the process of generating information, it considers the innovation and diversification of the methods of capturing information from economic surveys.
Collection modalities

The collection methods have been diversified to improve opportunity recovery. Therefore, in operations, the information is obtained under the following collection modalities:

- Computer Assisted Personal Interviewing (CAPI) through the mobile computing device
- Computer Assisted Web Interviewing (CAWI)
- Computer Assisted Telephone Interviewing (CATI)
Computer Assisted Telephone Interviewing (CATI)

It allows to expand the capture capacity to offer informants new instruments to deliver the economic information of their businesses, applying efficient methods of capturing statistical information.

Obtain qualitative information in order to generate results on the main trends of businesses.
Characteristics

- Collection by phone
- Qualitative variables
- Simultaneous capture
- Optimize times

- Minimize costs
- Higher quality of information
- Reduce validation
Infrastructure

- Modules for interviewers, supervisors and heads of department
- Computer equipment (laptops and screens)
- Network and telephony services
- Headsets and backup telephone sets
- Toll-free 800 line
- Avaya Communicator and Desktop software for telephone communication

**Number of Staff:**

- Interviewers: 10
- Supervisors: 2
- Heads of department: 2
Fulfilled projects

In 2011, the Center began with the capture of the Monthly Business Opinion Survey for the construction and commerce sectors. In 2017, the collection of the services sector was incorporated.

Below is a table with the surveys that have been collected through CATI, their collection period and the number of events that have been carried out:

<table>
<thead>
<tr>
<th>Survey Name</th>
<th>Period</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of Means of Payment</td>
<td>2011 - 2014</td>
<td>4</td>
</tr>
<tr>
<td>Survey of the Annual Weekend Special Sale</td>
<td>2014 - 2018</td>
<td>5</td>
</tr>
<tr>
<td>Survey for the Measurement of Trust in INEGI</td>
<td>2017</td>
<td>1</td>
</tr>
<tr>
<td>Survey of the Effects of Earthquakes</td>
<td>2017</td>
<td>1</td>
</tr>
<tr>
<td>National Survey of Funeral Agencies before COVID-19</td>
<td>2020</td>
<td>1</td>
</tr>
<tr>
<td>Business Survey on economic impact of COVID-19 in Mexico</td>
<td>2020 - 2021</td>
<td>3</td>
</tr>
</tbody>
</table>
Results of the Business survey on economic impact of COVID-19 in Mexico
During the year 2020, INEGI conducted two events of the Business Survey on Economic Impact of COVID-19 in Mexico (ECOVID-IE, acronym in Spanish). The first with information referenced to the month of April and the second with information referenced to the month of August.

In 2021, it was carried out again with information referenced to the month of February.

This survey incorporates World Bank recommendations related to the economic impact, which allowed for international comparability.

**Objective**

To know the situation and effects on businesses due to the contingency caused by COVID-19.
Topics

• Sanitary measures carried out
• Operative actions implemented
• Temporary closures and technical stoppages
• Affectations due to the contingency
• Support received
• Necessary policies to support businesses
• Income expectations
• Employed staff expectations
• Expectation to continue operating
• Measures that will be adopted permanently
• Delay in payment of debts
• Main obstacles to access financing
• Current debt condition
• Delays in the payment of debts by customers
Design

**Sampling scheme**
Probabilistic and stratified
With independent selection in each stratum by study domain

**Collection method**
CATI
(Home Office)

**Sample**
5,969 businesses

**Average time of the interview**
25 minutes
The events of the **Business Survey on Economic Impact of COVID-19 in Mexico** (ECOVID-IE) are identified as follows:

<table>
<thead>
<tr>
<th>Event</th>
<th>Reference month</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>april 2020</td>
</tr>
<tr>
<td>2nd</td>
<td>august 2020</td>
</tr>
<tr>
<td>3rd</td>
<td>february 2021</td>
</tr>
</tbody>
</table>
Businesses according to affectation condition

- 1st: 93.2% Yes, 6.8% No
- 2nd: 86.6% Yes, 13.4% No
- 3rd: 85.5% Yes, 14.5% No
Decrease in income and level of affectation

Percentage of businesses

<table>
<thead>
<tr>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>85.1</td>
<td>79.2</td>
<td>73.8</td>
</tr>
</tbody>
</table>

Average percentage affected

<table>
<thead>
<tr>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>56.3</td>
<td>48.6</td>
<td>42.9</td>
</tr>
</tbody>
</table>
Demand reduction and level of affectation

<table>
<thead>
<tr>
<th>Percentage of businesses</th>
<th>Average percentage affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>67.6</td>
</tr>
<tr>
<td>2nd</td>
<td>51.2</td>
</tr>
<tr>
<td>3rd</td>
<td>50.2</td>
</tr>
<tr>
<td>1st</td>
<td>54.6</td>
</tr>
<tr>
<td>2nd</td>
<td>47.9</td>
</tr>
<tr>
<td>3rd</td>
<td>42.5</td>
</tr>
</tbody>
</table>
Shortage of supplies and/or products and level of affectation

% Percentage of businesses

<table>
<thead>
<tr>
<th></th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31.6</td>
<td>22.8</td>
<td>29.2</td>
</tr>
</tbody>
</table>

Average percentage affected

<table>
<thead>
<tr>
<th></th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>44.0</td>
<td>41.6</td>
<td>40.4</td>
</tr>
</tbody>
</table>
Businesses with temporary closures or technical stoppages

- **1st**: 40.4% (Yes) 59.6% (No) 18 days on average
- **2nd**: 23.1% (Yes) 76.9% (No) 15 days on average
- **3rd**: 16.6% (Yes) 83.4% (No)
Support policies required by businesses

- **Fiscal support**
  - 1st: 61.2%
  - 2nd: 61.3%
  - 3rd: 66.3%

- **Deferment of payments to credits or services**
  - 1st: 55.1%
  - 2nd: 40.6%
  - 3rd: 31.4%

- **Cash transfers**
  - 1st: 41.3%
  - 2nd: 34.4%
  - 3rd: 34.1%

- **Access to new credits**
  - 1st: 41.0%
  - 2nd: 30.2%
  - 3rd: 26.3%
Delay in payment of debts by business size

Note: This question was not included in the first event.
Permanent adoption of operational measures

Note: This question was not included in the first event.
In order to provide comparable information with other countries, Mexico is included in the COVID-19 Business Pulse Survey Dashboard published by the World Bank with the results of the first ECOVID-IE event with reference to April 2020. The dashboard disseminates 21 harmonized indicators from 48 countries to show, by business size or by sector, the socioeconomic impact on businesses generated by COVID-19.

The indicators presented in the dashboard may contain differences in factors specific to each country, depending on the sampling frame, the sampling scheme and the scope of the survey. Appropriate caution should be exercised when using these data for cross-country comparisons or policy conclusions.

The information of the first event of the ECOVID-IE of Mexico can be consulted at:

The information of the three events of the Business Survey on Economic Impact of COVID-19 in Mexico is available and can be consulted at the following link:

https://www.inegi.org.mx/programas/ecovidie/