Database of Economic Surveys-BADECON

May 2023

Economic Statistics Unit

Economic Commission for Latin America and the Caribbean
The Statistics Division of ECLAC, with the support of national statistical offices, has been developing a database of economic surveys, BADECON, with the aim of compiling basic annual statistics for the calculation of indicators that are disseminated through ECLACSTAT.

Relevance of industrial policy in Latin America and the Caribbean (LAC) requires an intensive use of information, which allows the definition and dissemination of useful indicators for decision-making.

The indicators related to the manufacturing industry, elaborated from BADECON, come from the basic structural information of the LAC countries using censuses or surveys of industrial activity.
Manufacturing Surveys in Latin America and the Caribbean

Contrast indicators with published figures by country

Contrast indicators with NA

Country feedback

Microdata original state

Analysis

Processing

Standardization

Processing
Manufacturing Surveys

Coverage

- Manufacture Survey: 78% of the regional manufacturing VA
- Complement UNIDO: 18% of the regional manufacturing VA
- BADECON: 96% of the regional manufacturing VA

CEPALSTAT
Statistical Databases and Publications
Indicators created by BADECON and disseminated in CEPALSTAT

1. Macroeconomic aggregates by country
2. Gross Production Value by Economic Activity
3. Intermediate consumption by economic activity
4. Value Added by Economic Activity
5. Level of employed persons by economic activity
6. Level of employed persons by sex by economic activity
7. Participation of employed persons by country
8. Participation of employed persons by economic activity
9. Participation of employed persons by sex by economic activity
10. Hours worked by economic activity
11. Total remuneration by country
12. Remuneration by economic activity
13. Number of establishments by economic activity
14. Electricity consumption by economic activity
Some results of BADECON

Structure of participation of Intermediate Consumption and Value Added over Gross Production Value, 2020
(Percentages)

<table>
<thead>
<tr>
<th>Country</th>
<th>Brazil*</th>
<th>Chile</th>
<th>Colombia</th>
<th>Ecuador</th>
<th>Mexico</th>
<th>Dominican Republic</th>
<th>Uruguay*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value Added</td>
<td>73%</td>
<td>69%</td>
<td>64%</td>
<td>84%</td>
<td>66%</td>
<td>71%</td>
<td>72%</td>
</tr>
<tr>
<td>Intermediate Consumption</td>
<td>27%</td>
<td>31%</td>
<td>36%</td>
<td>16%</td>
<td>34%</td>
<td>29%</td>
<td>28%</td>
</tr>
</tbody>
</table>

Source: ECLAC own elaboration based on BADECON
* Data based on 2019 survey latest data available in the database.
PRODUCTION

Share of the Value Added of "Food Processing" in the Value Added of the Manufacturing Industry, selected LAC countries (Percentages)

Source: Economic Commission for Latin America and the Caribbean (ECLAC), based on BADECON.
EMPLOYMENT

Number of persons employed in the Manufacturing Industry and the Food Processing Industry, Mexico 2013-2020

Source: ECLAC own elaboration based on BADECON
Share of Number of employed persons engaged in selected economic activities in total manufacturing, Brazil 2007-2019

(Percentages)

Source: ECLAC own elaboration based on BADECON.
Number of employees in the food processing industry by sex, Mexico 2013-2020

Source: ECLAC own elaboration based on BADECON.
EMPLOYMENT

Share of Compensation of Employees in the Value Added of the Manufacturing Industry, selected countries (Percentages)

Source: Economic Commission for Latin America and the Caribbean (ECLAC), based on BADECON.
Distribution of the proportion of women in relation to men employed in manufacturing, selected countries

(weighed ratio, 2020)

Source: Economic Commission for Latin America and the Caribbean (ECLAC), based on BADECON and CEPALSTAT.
Note: Weighted ratio from the ratio of women to men within the total population of each country for the year 2018.
Energy efficiency in the generation of the added value of the manufacturing industry, selected countries: 2016-2020
(million dollars per teraJuly)

MEDIO AMBIENTE

Source: ECLAC own elaboration based on BADECON.
FINAL THOUGHTS

• Highlight the importance of basic statistics for statistical production, analysis and decision-making (public and private sector).
• Use of conceptual/methodological frameworks according to international recommendations.
• Harmonization of information.
• Consistency of information using existing statistical frameworks.
• Uses of information in other areas of interest (gender, environment, etc.)
• Ongoing work/feedback with participating country country teams.
• New lines of research with granular information.
Economic Survey Database

Economic Statistics Unit

Statistics Division

ECLAC
Thank you