

Twenty-second Meeting of the Executive Committee
of the Statistical Conference of the Americas
of the Economic Commission for Latin America and the Caribbean
Virtual meeting, 3-4 of May 2023

Database of Economic Surveys-BADECON

May 2023



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Economic Statistics Unit

Economic Commission for Latin America and the Caribbean

BADECON

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.



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Manufacturing Surveys in Latin America and the Caribbean

Processing



Standardization



Analysis



Microdata original state

Contrast indicators with published figures by country

Contrast indicators with NA



Country feedback

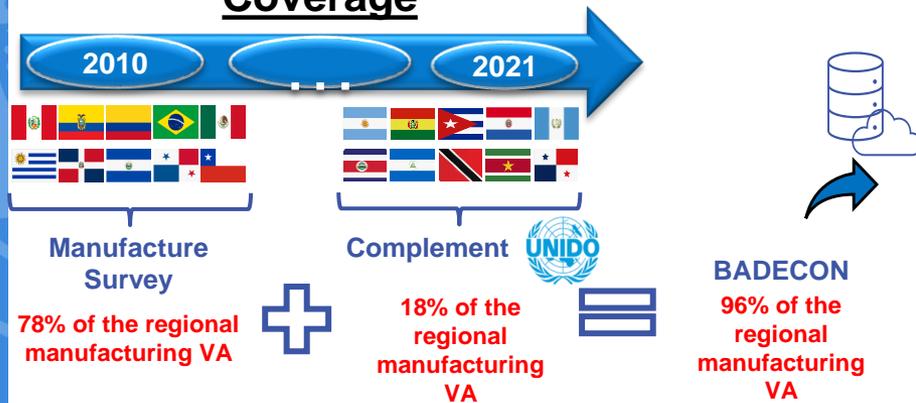


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Manufacturing Surveys

Coverage



Indicador	Unidad	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Industria manufacturera	Millones	2.726	-	-	-	-	-	-	-	-	-	-	101.428
Industria manufacturera	Personas	12.008	-	-	-	-	-	-	-	-	-	-	102.001
Industria manufacturera	Millones	16.402	12.812	15.202	15.202	15.202	15.202	15.202	15.202	15.202	15.202	15.202	15.202
Industria manufacturera	Millones	100.272	109.024	110.924	110.924	110.924	110.924	110.924	110.924	110.924	110.924	110.924	110.924
Industria manufacturera	Millones	8.839	3.739	29.807	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102
Industria manufacturera	Personas	23.137	9.887	100.889	3.942	3.942	3.942	3.942	3.942	3.942	3.942	3.942	3.942
Industria manufacturera	Millones	389	-	-	-	-	-	-	-	-	-	-	-
Industria manufacturera	Personas	-	-	1.780	-	-	-	-	-	-	-	-	-
Industria manufacturera	Millones	1.891	18.273	116.394	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827	3.827
Industria manufacturera	Personas	3.702	18.100	102.402	18.100	18.100	18.100	18.100	18.100	18.100	18.100	18.100	18.100
Industria manufacturera	Millones	3.106	44.211	74.800	11.105	11.105	11.105	11.105	11.105	11.105	11.105	11.105	11.105
Industria manufacturera	Personas	1.902	18.807	98.818	11.102	11.102	11.102	11.102	11.102	11.102	11.102	11.102	11.102
Industria manufacturera	Millones	100	6.402	23.891	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104	1.104
Industria manufacturera	Personas	822	6.812	38.746	2.847	2.847	2.847	2.847	2.847	2.847	2.847	2.847	2.847
Industria manufacturera	Millones	2.770	829	5.234	402	402	402	402	402	402	402	402	402
Industria manufacturera	Personas	23.370	3.588	22.382	345	345	345	345	345	345	345	345	345

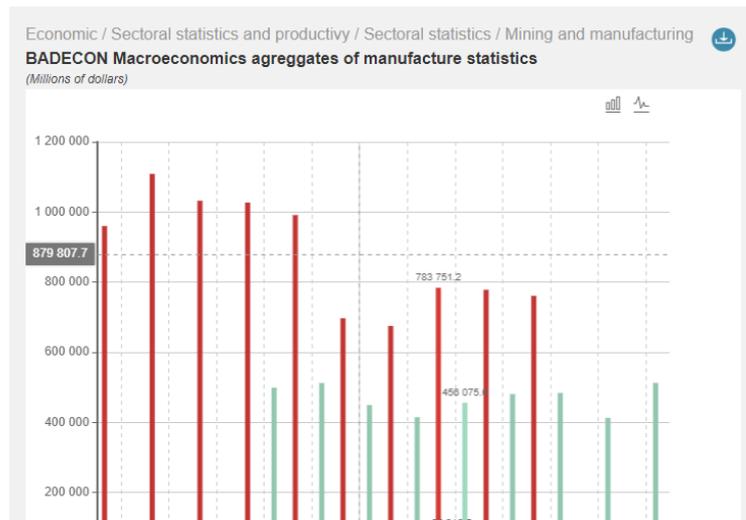
CEPALSTAT
Statistical Databases and Publications

STATISTICS AND INDICATORS REGIONAL PROFILES COUNTRY PROFILES GEOPORTAL METHODS & CLASSIFICATIONS PUBLICATIONS OPEN DATA/API

Statistics and Indicators

Economic

- Sectoral statistics and productivity
 - Productivity and labor costs
- Sectoral statistics
 - Agriculture
 - Mining and manufacturing
 - BADECON Macroeconomics aggregates of manufacture statistics
 - industrial production indices, Base 2010
 - BADECON Total number of employees in the manufacturing sector by country, economic activity, and sex
 - BADECON Gross production value by economic activity
 - BADECON Value added by economic activity
 - BADECON Employment in manufacturing



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

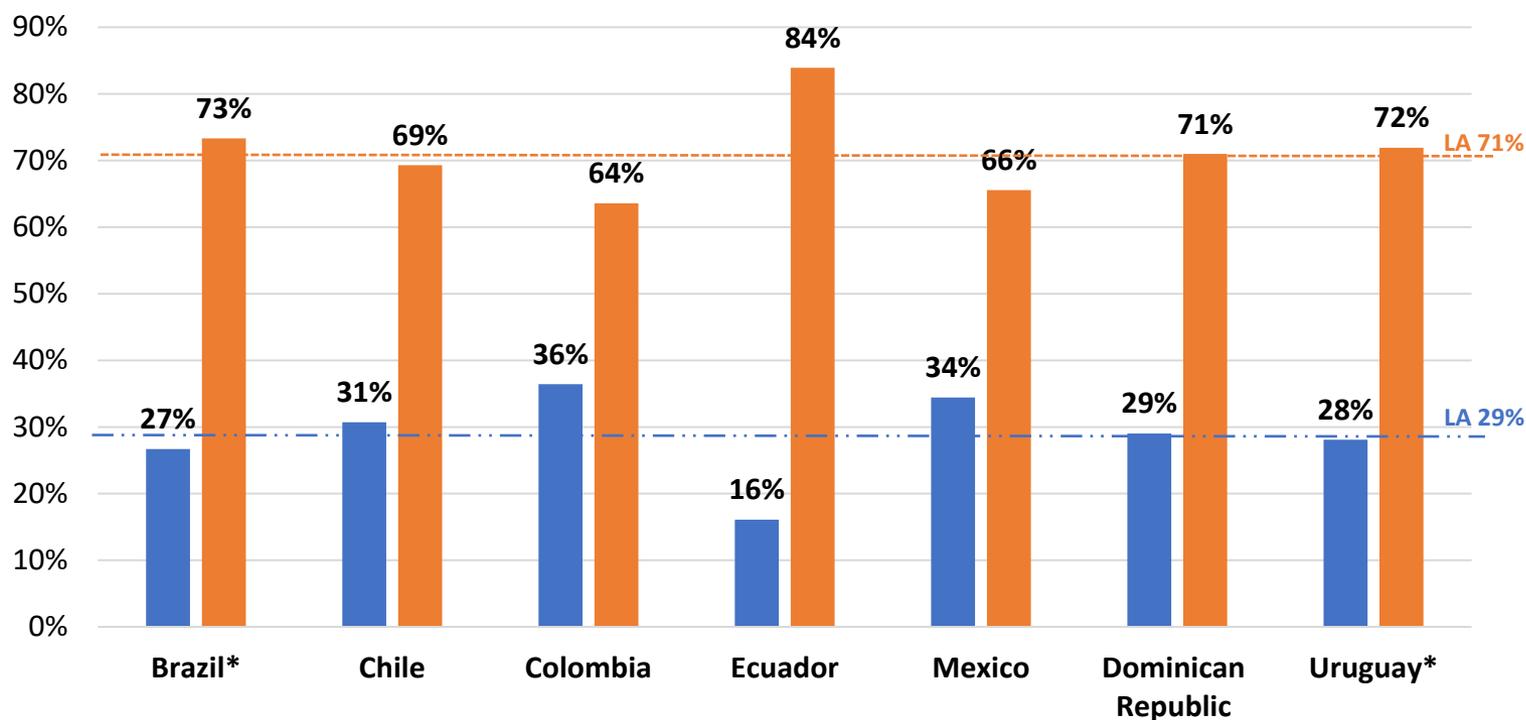


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Some results of BADECON

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



Source: ECLAC own elaboration based on BADECON

* Data based on 2019 survey latest data available in the database.

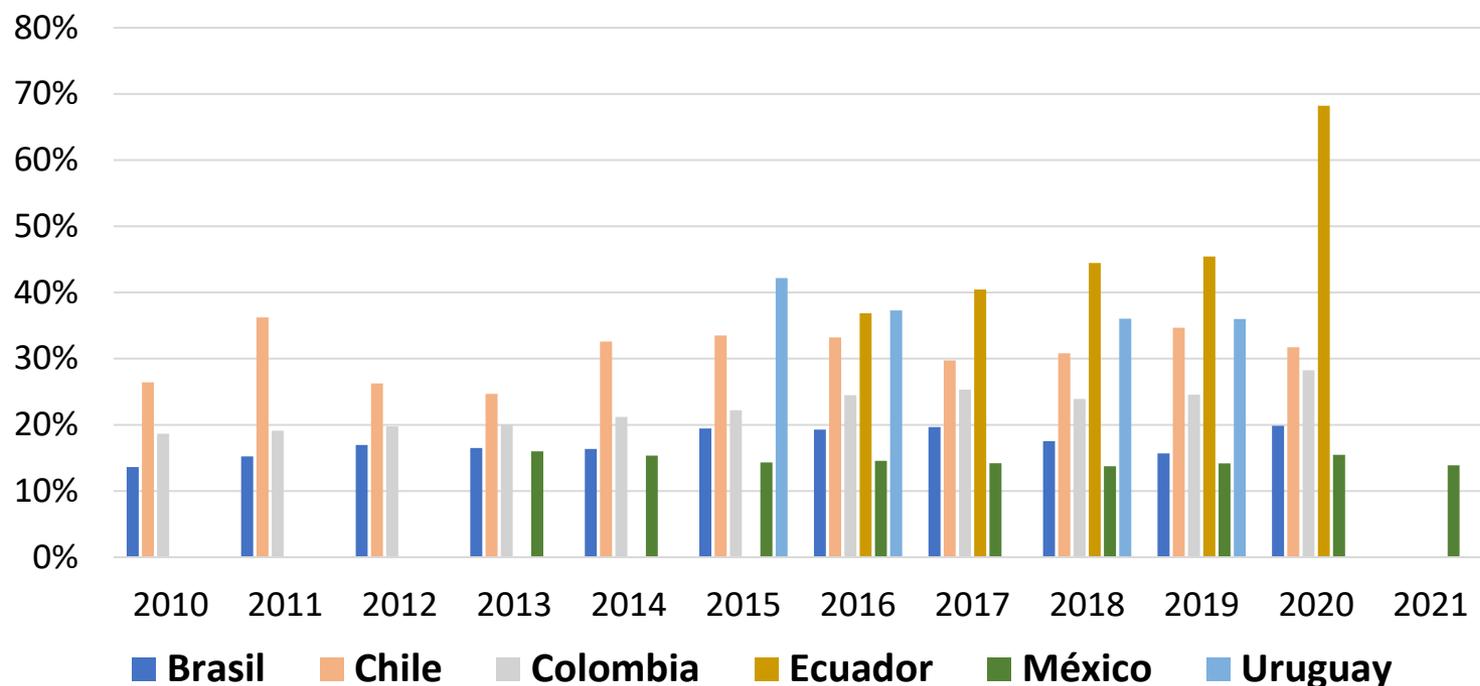


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PRODUCTION

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.

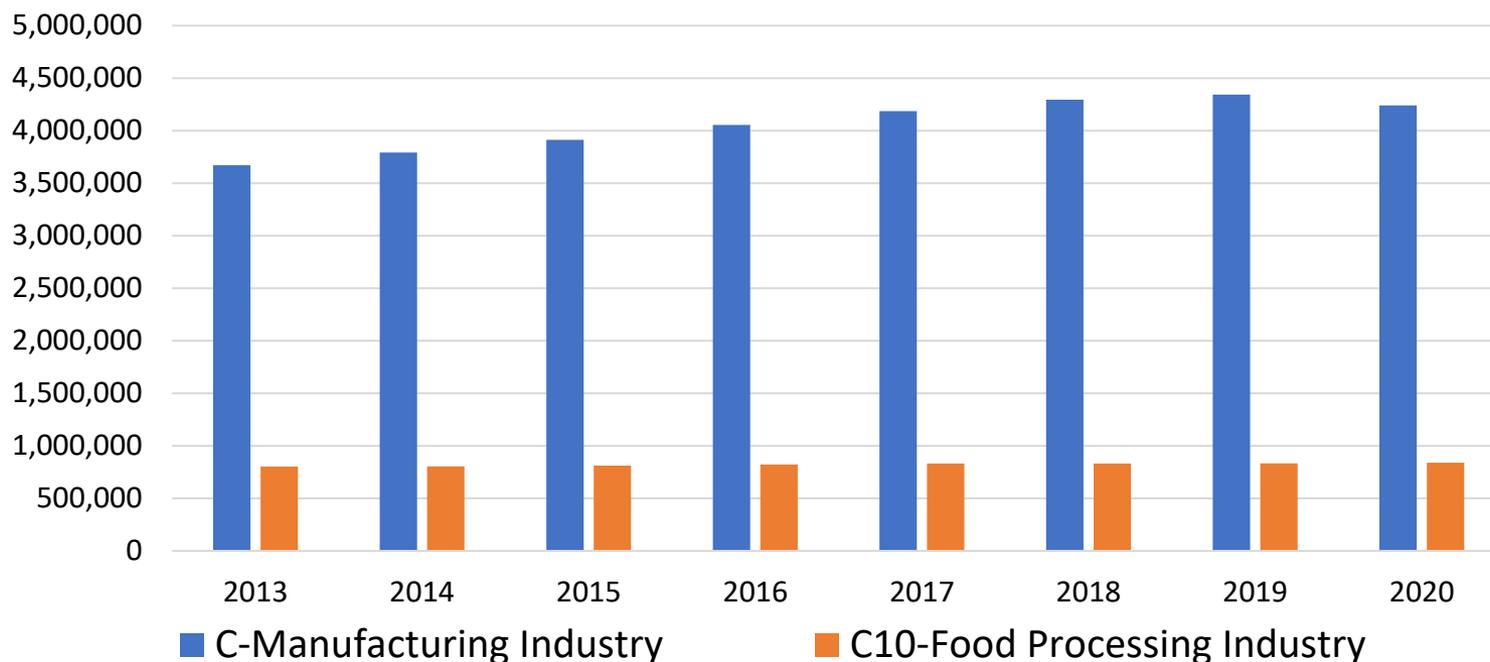


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EMPLOYMENT

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



Source: ECLAC own elaboration based on BADECON

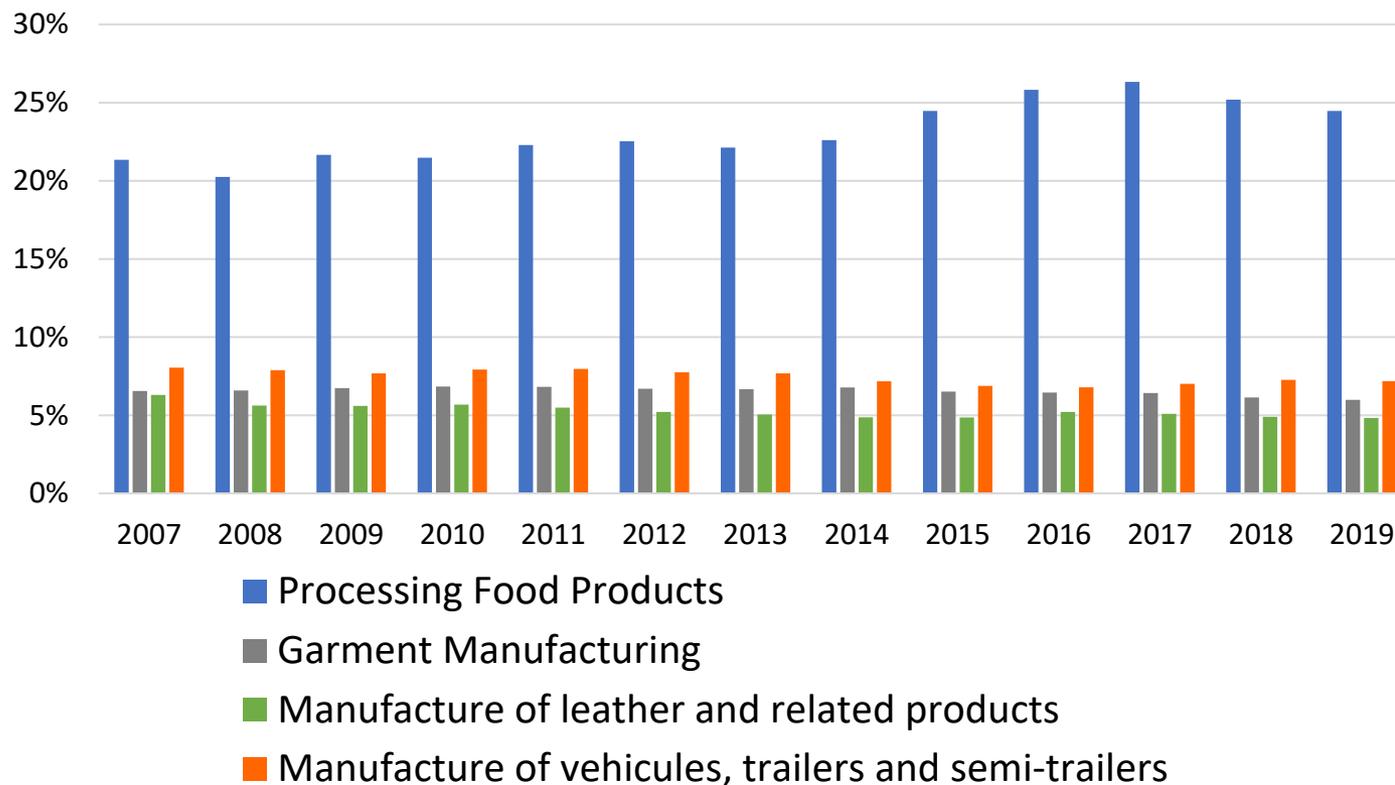


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EMPLOYMENT

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.

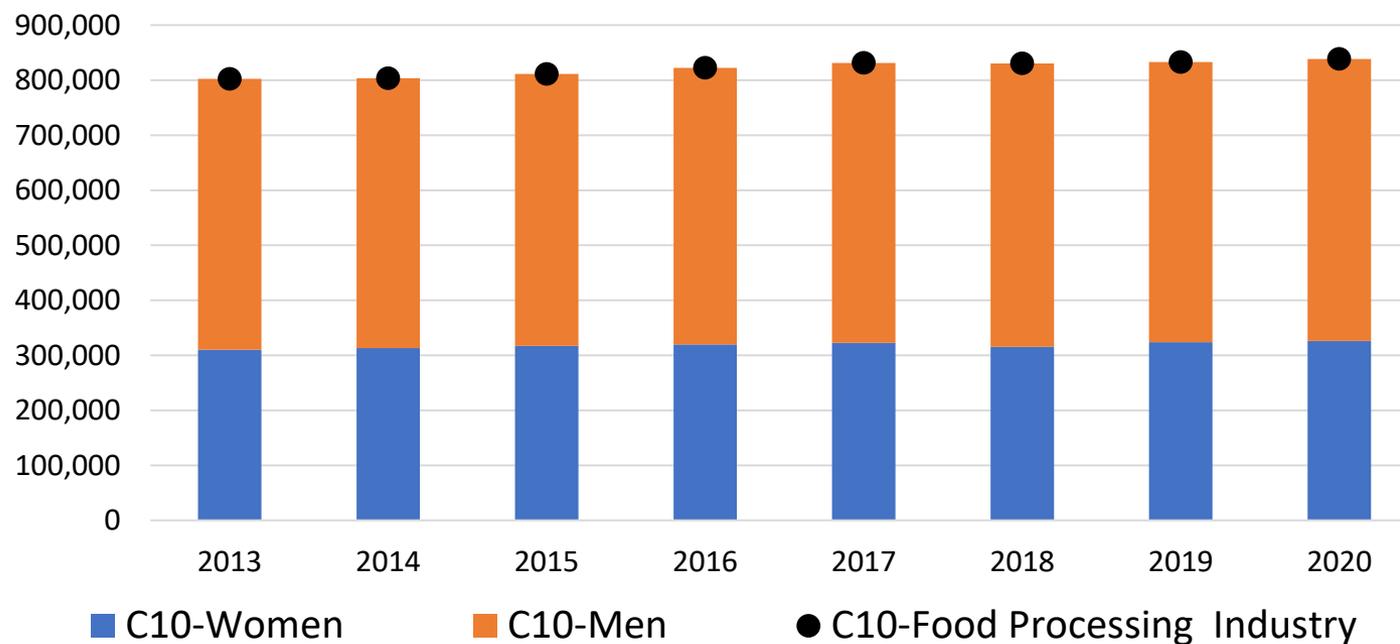


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EMPLOYMENT

Number of employees in the food processing industry by sex, Mexico 2013-2020



Source: ECLAC own elaboration based on BADECON.

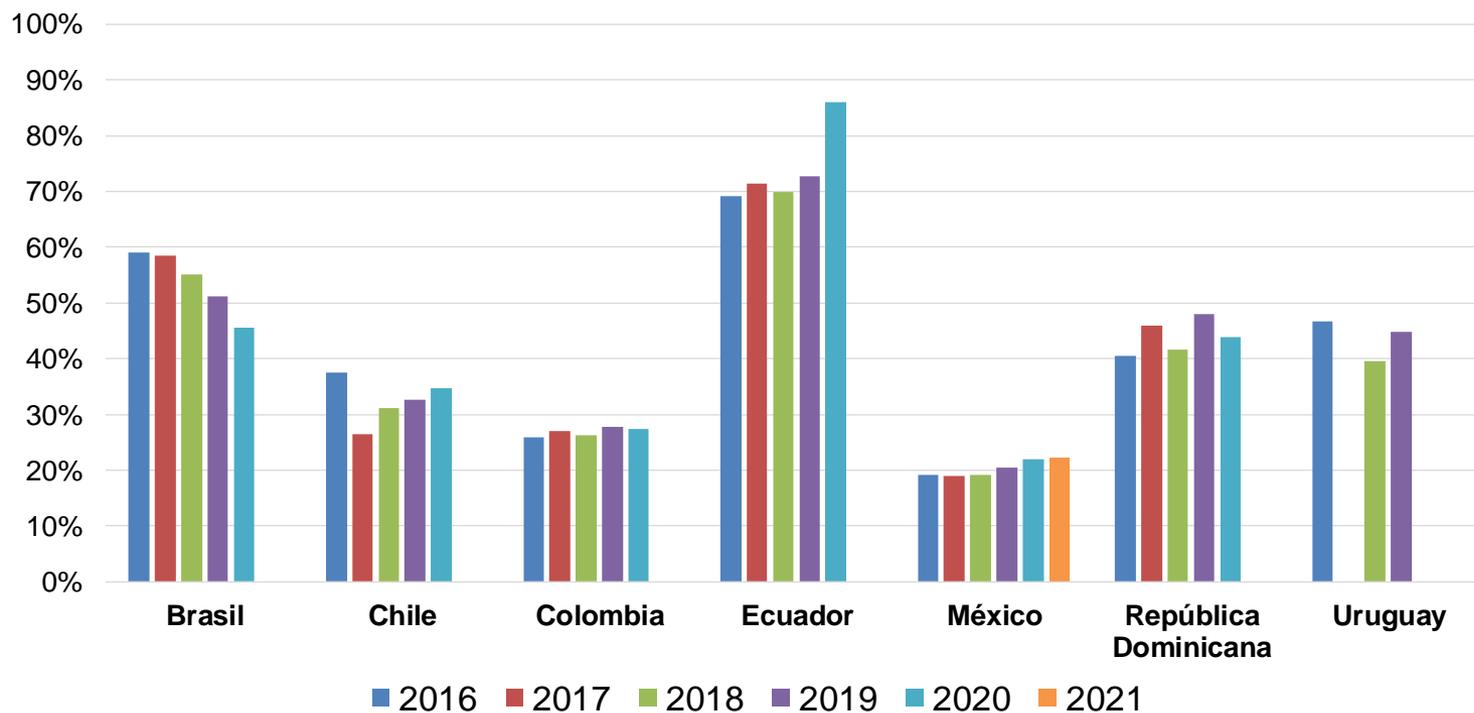


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EMPLOYMENT

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.



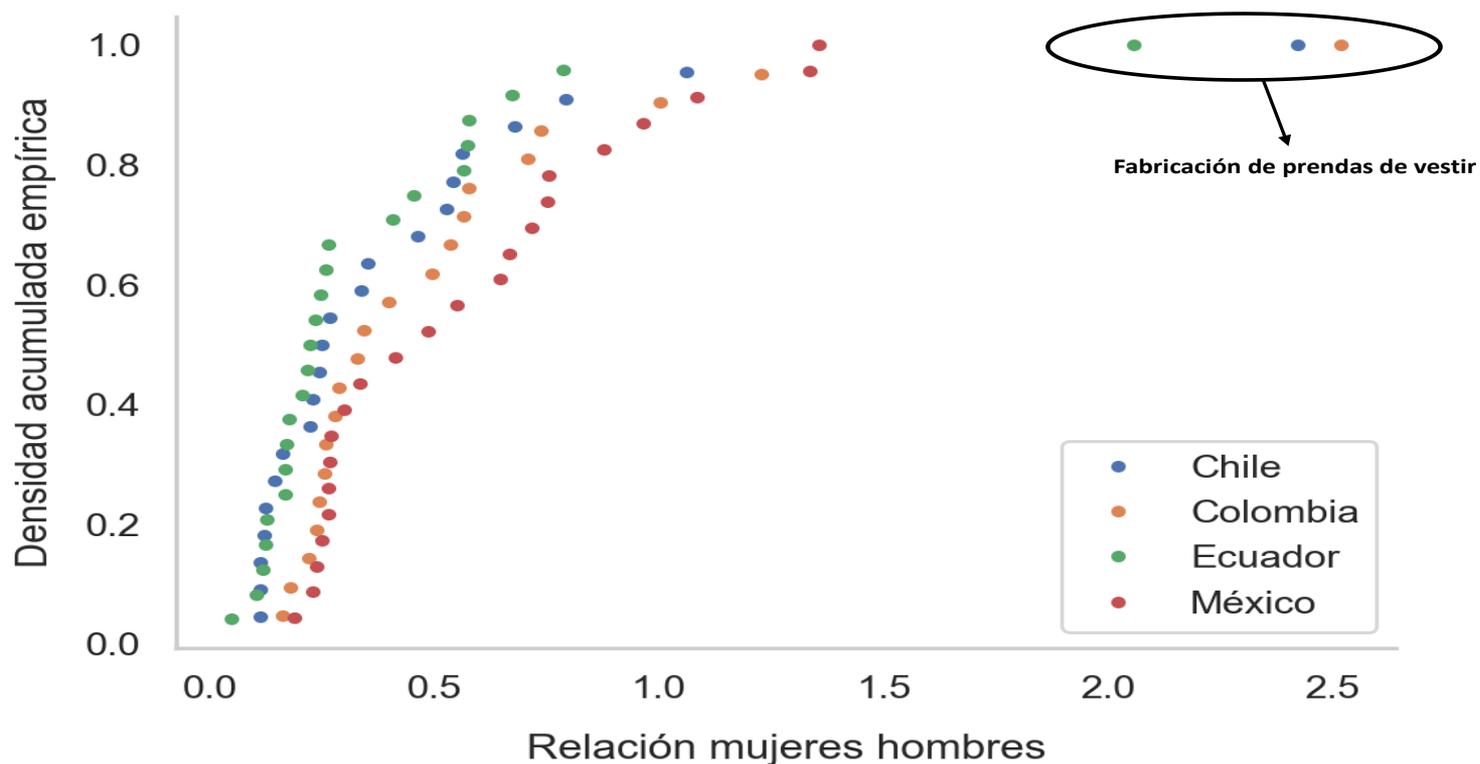
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EMPLEO

Distribution of the proportion of women in relation to men employed in manufacturing, selected countries

(weighted 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.

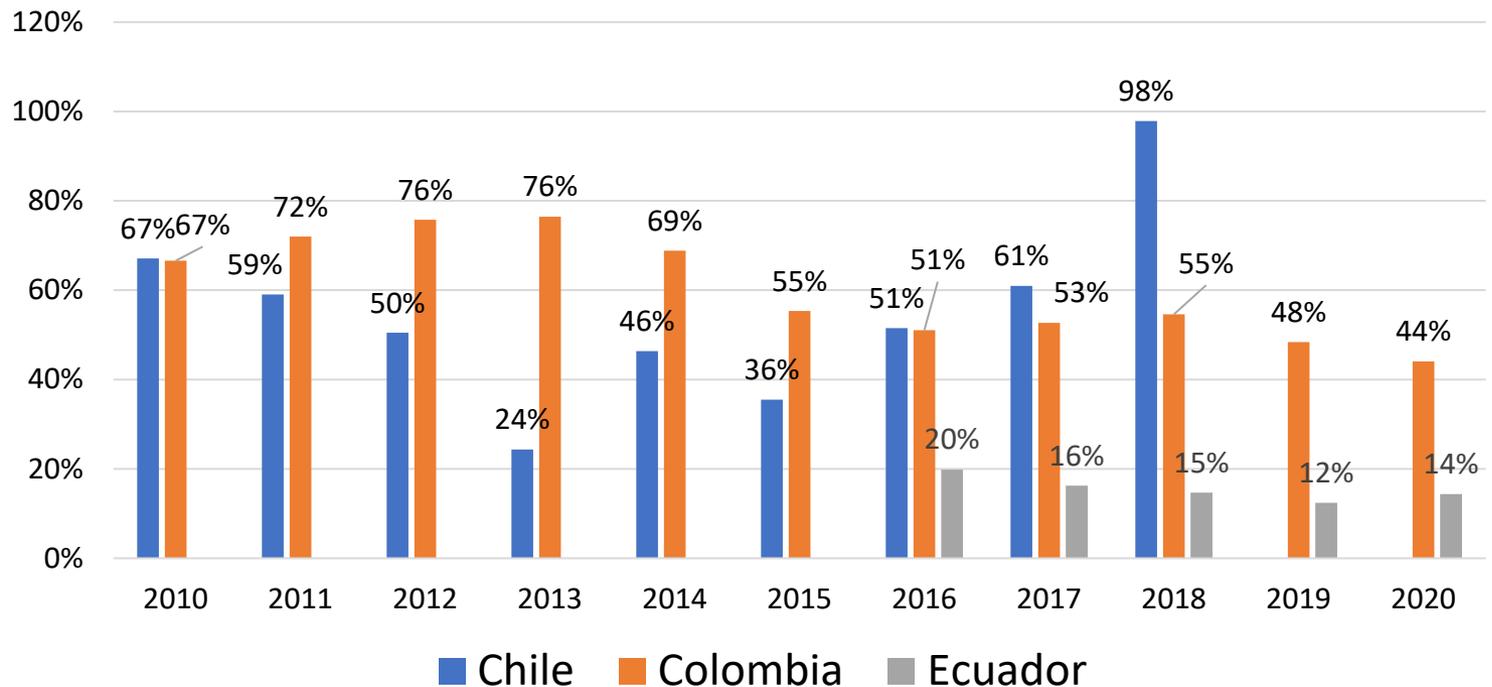


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MEDIO AMBIENTE

Energy efficiency in the generation of the added value of the manufacturing industry, selected countries: 2016-2020 (million dollars per teraJoules)



Source: ECLAC own elaboration based on BADECON.



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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.



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Economic Survey Database

Economic Statistics Unit

Statistics Division

ECLAC



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Thank you



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