CEPALSTAT
New interface

Gateway to the statistical information of Latin America and the Caribbean countries collected, systematized and published by ECLAC.
What is CEPALSTAT?
### CONTENTS
- Statistics and periodic indicators / Meta data
- Regional and national profiles / set of key indicators
- Statistical publications / statistical annexes
- International methodological recommendations
- Most widely used International Classifications for statistical production

### GEOGRAPHICAL COVERAGE
- 33 Member Countries and 14 Associated States of ECLAC in Latin America and the Caribbean

### STRUCTURE
- Demographic and social
- Environmental
- Economic
- Multi-Domain

### SOURCES OF INFORMATION
- Official national and international sources / microdata of household surveys and population censuses.
- Information flow defined by the Statistical Commission within the framework of the International Statistical System.
How has the online dissemination of statistical data evolved in ECLAC?
ECLAC has been working since 2006 to improve the dissemination of sociodemographic, economic and environmental statistics available for the region.
What features does the new CEPALSTAT interface have?
CEPALSTAT NEW INTERFACE

- Better browsing experience and easier access to statistical information.
- New content and functionalities for data integration and visualization.
- Diversification of products to serve users with higher demands.
- Integration of International Databases.
- Integration of statistical and geospatial information: NEW GEOPORTAL.
- Aligned with the principles of the United Nations data Strategy.
Let's see how the new CEPALSTAT interface incorporates the geospatial component.
New functionality

Interactive Dashboard

Search and display of indicators by selecting the available dimensions.
## Population without own income by sex, age group and geographical area

- **Population living in extreme poverty and poverty by ethnicity, sex and geographical area**
- **Extreme poverty and poverty gap coefficient by geographical area**
- **Poverty gap ratio (World Bank)**
- **Extreme poverty and poverty gap and squared poverty (FGT-2), by geographical area**
- **Feminity index of extreme poverty and poverty by geographical area**
- **Employed population living in extreme poverty and poverty by geographical areas**
- **Extreme poverty and poverty lines**
- **Distribution of people according to per capita income segments, in terms of the value of the poverty line**

**Sources**
- ECCLAC / Economic Commission for Latin America and the Caribbean / Based on data from Household Surveys Database (HADS/HDG)
- Footnotes
  - For more details on the technical notes, please refer to the data bank.

### Available Statistical Information

#### Characteristics of the available statistical information

<table>
<thead>
<tr>
<th>Country</th>
<th>Geographical Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>National, Urban, Rural</td>
</tr>
<tr>
<td>Bolivia</td>
<td>National, Urban, Rural</td>
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<tr>
<td>Brazil</td>
<td>National, Urban, Rural</td>
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<td>Colombia</td>
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<td>Costa Rica</td>
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<tr>
<td>Bolivia</td>
<td>National, Urban, Rural</td>
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</table>

#### Sex

- Male
- Female

#### Years


#### Age group by participation in EPAL (HS_60_more) (HS)

- Total (15 years and over), 15 to 24 years, 25 to 34 years, 25 to 44 years, 45 to 59 years, 60 years and over
Navigation through the main statistical topics, selection of indicators AND access to data

Interactive Dashboard

Population without own income by sex, age group and geographical area
(Percentage)
**Statistics and Indicators**

- Employment and wages
- Education
- Housing and basic services
- Health
- Social public expenditure
- Poverty
  - Population living in extreme poverty and poverty by geographical area
  - Population living on less than 1,9, 3,2 y 5,5 dollars per day, 2011 PPP values (World Bank)
  - Population living in extreme poverty and poverty by geographical area (national figures)
  - Multidimensional poverty measures (National figures)

**New functionality**

**Interactive Dashboard**

Navigation through the main statistical topics, selection of indicators AND access to data

**ACCESS THE DATABASE TO CUSTOMIZE THE QUERY**
Customization of queries and downloading of information in different formats.
<table>
<thead>
<tr>
<th>Indicator</th>
<th>Geographical area</th>
<th>Country</th>
<th>Years</th>
<th>Sex</th>
<th>Age group population</th>
<th>Poverty and extreme poverty</th>
<th>Value</th>
<th>Notes</th>
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**Population living in extreme poverty and poverty by age, sex and geographical area**

Population living in extreme poverty and poverty by age and sex of household head and geographic area

Population living in extreme poverty and poverty by years of schooling, sex and geographical area

Population living in extreme poverty and poverty by educational environment by sex and geographical area

Population living in extreme poverty and poverty by job placement and geographical area

Population living in extreme poverty and poverty

**Interactive Dashboard**

View of the query in the GEOPORTAL (interoperable).
New functionality

Adjustment of the dimensions of the selected indicators.
Adjustment of the dimensions of the selected indicators.
ADD OR CHANGE THE INDICATOR

Navigating the CEPALSTAT tree and changing or adding indicators
New functionality

CEPALSTAT geoportal

Georeferencing of the selected information
ADD REGIONAL GEOGRAPHICAL DATA
New functionality

CEPALSTAT GEOPORTAL

Georeferencing of the selected information

COMPARE LAYERS OF INFORMATION
New functionality

CEPALSTAT geoportal

Viewing and comparing information layers
New functionality
CEPALSTAT geoportal
Georreferenciación de la información seleccionada
CEPALSTAT GEOPORTAL: Standards and Technology

- Open Geospatial Consortium standards (WMS, WFS, WPS)
- ISO 19.115 Metadata
- Raster tiles and Vector Tiles for faster navigation
- SDMX spatial features in the roadmap

GEOSPATIAL TECHNOLOGY

- Webmapping library: MapLibre JS
- Backend framework: Geonode
- Geospatial database: Postgres / PostGIS
- Metadata Catalog: GeoNetwork
- Desktop GIS: QGIS
Consistent with the global guidelines of the Global Statistical and Geospatial Framework (GSGF) and the IGIF generated by the Statistical Commission and the UN-GGIM

The Global Statistical Geospatial Framework

1. Use of fundamental geospatial infrastructure and geocoding
2. Geocoded unit record data in a data management environment
3. Common geographies for dissemination of statistics
4. Statistical and geospatial interoperability
5. Accessible and usable
Next steps

Continuous process of updating and implementation of innovative solutions for the dissemination of data in the region

- Integration of geospatial information in Observatories
- Structured / unstructured information integration
- Continuous process of updating and implementation of innovative solutions for the dissemination of data in the region
- Digital repository
- COVID-19 SDG Gateway
- Urban Platform
- Web statistical yearbook
- Social spending observatory
- Renewable interface and geoportal of CEPALSTAT
- BIGdata/Satellite images
- API International agencies
- Member States empowerment for greater data integration
- Regional and national thematic statistical profiles
- SDMX
- Semantic search engine
- ECLAC website
- PDI
- SDG Gateway Geoportal
- Montevideo Consensus

Timeline:
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025
- 2026
- 2027
- 2028
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