



UN-GGIM:Americas
REGIONAL COMMITTEE OF UNITED NATIONS
ON GLOBAL GEOSPATIAL INFORMATION
MANAGEMENT FOR THE AMERICAS

9° SESSION

UN-GGIM: Americas

SDI Technologies

Horacio Castellaro – Statistical Division, UN – ECLAC

Session 6

November 28, 29 and 30
Santiago de Chile, ECLAC

Countries	Region
Vaccination	
Vaccination measures	
Number of people who received at least one dose of COVID-19 vaccine	
Share of people who received at least one dose of COVID-19 vaccine	
Number of people who have been fully vaccinated against COVID-19	
Share of population fully vaccinated against COVID-19	
74,523 to 90,71	
58,335 to 74,523	
42,148 to 58,335	
25,96 to 42,148	
None information	
Movements across and within countries	
Economy	
Education / schools	
Labor	
Gender	



CEPALSTAT, Statistical database and publications

CEPALSTAT
Statistical Databases and Publications

STATISTICS AND INDICATORS • REGIONAL PROFILES • COUNTRY PROFILES • GEOGRAPHICAL • METHODS & CLASSIFICATIONS • PUBLICATIONS • OPEN DATAKIT

October 03, 2021 | EVENT
United Nations World Data Forum 2021

September 23, 2021 | NEW FIGURES
ECLAC updated its quarterly balance of payments statistics

August 25, 2021 | PUBLICATION
New publication: Global and regional perspectives on the integration of statistical and geographical information

MAIN FIGURES OF LATIN AMERICA AND THE CARIBBEAN

TOTAL POPULATION 665 451 Thousands of persons 2022	EXTREME POVERTY 13.1% of the population 2020	UNEMPLOYMENT RATE 10.5% of the economically active population 2020	GDP GROWTH RATE -6.8% at constant prices 2020	NET FOREIGN DIRECT INVESTMENT 90 114 Millions of USD 2020	GDP ENERGY INTENSITY 1.0 Tonnes of oil equivalent per unit of GDP 2019
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The Caribbean intraregional trade in goods^(a)
(billions of dollars, on the basis of exports 1/4).

In 2019, intra-regional exports from the Caribbean account for 12% of its total exports, of which 60% go to the Caribbean countries themselves, 26% to South America, and 13% to Central America.

[View More](#)

2030 Agenda in Latin America and the Caribbean
Regional knowledge management platform

United Nations | Forum LAC 2030 | About | Spanish | English

2030 AGENDA • REGIONAL ARCHITECTURE • SDG • COUNTRIES • STATISTICS • UN SYSTEM • STAKEHOLDERS • INFORMATION TOOLS

GOAL 7: Ensure access to affordable, reliable, sustainable and modern energy for all

Target 7.b.1 Installed renewable energy generation capacity, 2015-2019 (Percentages)

Source: ECLAC, based on [Sustainable Development Goals](#). National Statistical Office of Cuba (ONEI), Cuba

GOAL 7: Ensure access to affordable, reliable, sustainable and modern energy for all

Target 7.b.1 Installed renewable energy generation capacity, 2015-2019 (Percentages)

Source: ECLAC, based on [Sustainable Development Goals](#). National Statistical Office of Cuba (ONEI), Cuba

INDICATOR 10.6.1: Proportion of voting rights of developing countries in international organizations, by organization (%) SG_INT_VRTDEV

Percentage
2020

Source: ECLAC on the basis of UN Global SDG Database.

DATA BANK
Access CEPALSTAT statistical information

Search Indicators Find the indicator you need

Demographic and Social
Population, motherhood, employment, education, housing and basic services, health, social public expenditure, poverty, income distribution, and more.

Economic
National accounts, domestic prices, productivity and labour costs, balance of payments, trade, external sector, external debt, financial and monetary sector, and more.

Environmental
Physical conditions, ecosystems and biodiversity, environmental quality, energy resources, biological resources, water resources, emissions to the air, natural extreme events, and more.

Multi-Domain
SDGs, gender, cities, indigenous people and afro-descendant population, social cohesion, youth, ICTs, agricultural activity, and more.

Goals	N. of series	Expected results
	56	
	56	
	65	

Target already reached or likely to be reached on the current trend

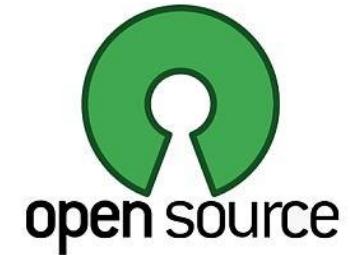
The trend is moving in the right direction

Target likely to be reached only with public policy intervention

The trend is moving in the wrong direction

Open Source

- ✓ Free to use
- ✓ Free to access the code
- ✓ Free to customize
- ✓ Free to transfer the knowledge



Geospatial data manager



Datos ▾ Mapas Apps Acerca de ▾

Visualizadores ▾ Catálogos ▾ Satelital ▾ IDEs ▾ OGC ▾ Buscar Registrarse Ingresar

Catálogo de Datos Espaciales para América Latina y El Caribe

Comisión Económica para América Latina y El Caribe (CEPAL)

Buscar datos.



Buscar

Búsqueda Avanzada



428 Capas

Click para buscar datos geoespaciales publicados por otros usuarios, organizaciones y fuentes públicas. Descargar datos en formatos estándar.

[Explorar capas »](#)



1 Mapa

Los datos están disponibles para navegar, agregar y diseñar para generar mapas que se pueden guardar, descargar, compartir públicamente o restringir para especificar usuarios únicamente.

[Explorar mapas »](#)





Selected layers



Add indicators



Geographical data

Total population, by sex

Thousands of persons, at mid-year

Sex: Both sexes

Years: 2020

5 to 35.536

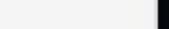
35.536 to 71.068

71.068 to 106.600

106.600 to 142.132

142.132 to 177.664

177.664 to 213.196



Change dimensions Change classification

Customize your map

 Include names Include value

Colors





Selected layers



Add indicators



Geographical data

GOAL 1. End poverty in all its forms everywhere

- ▼ TARGET 1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day

INDICATOR 1.1.1 Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural)

Proportion of population below international poverty line (%) SI_POV_DAY1

Years

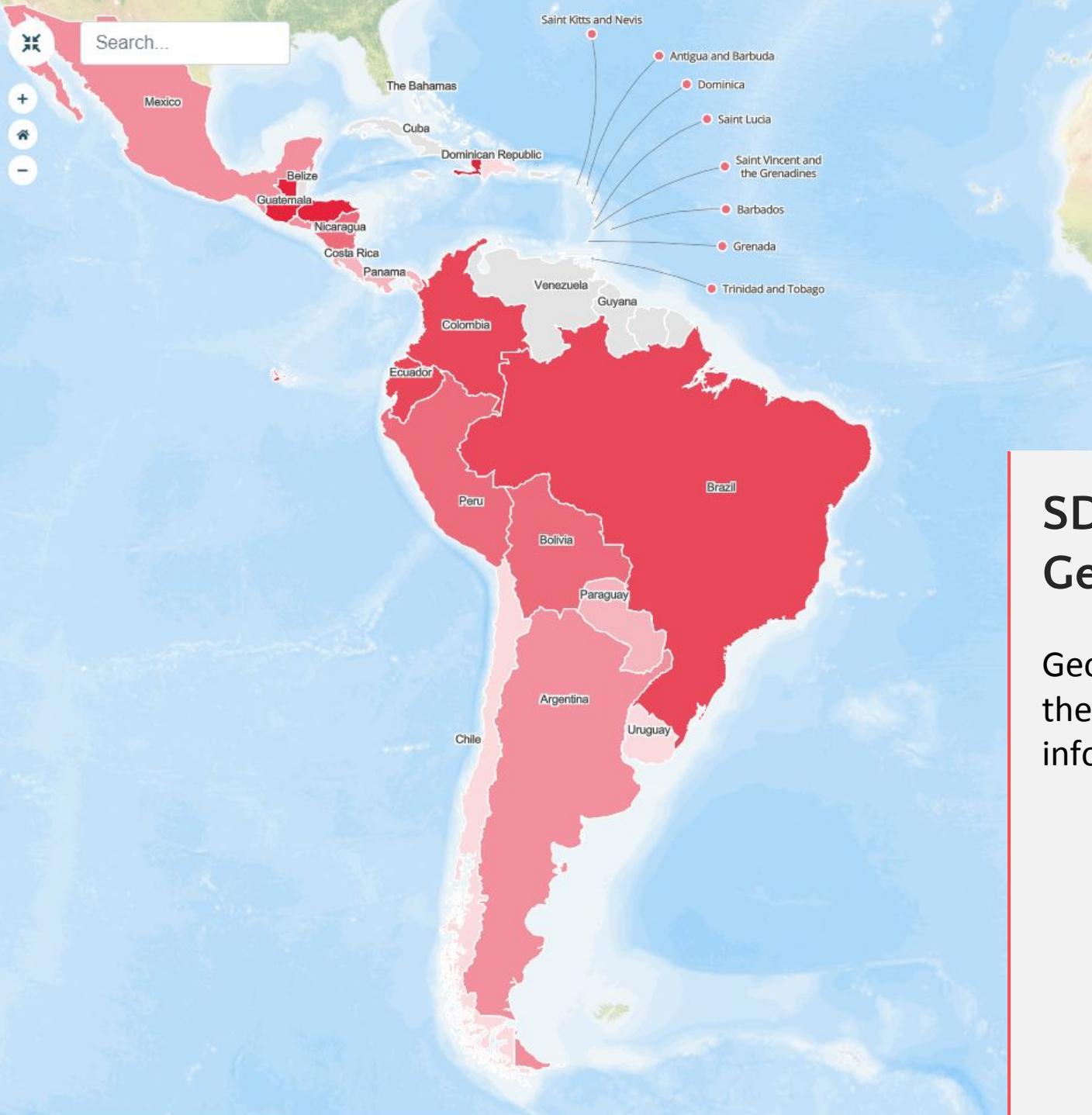
2019

Add layer

Employed population below international poverty line, by sex and age (%) SI_POV_EMP1

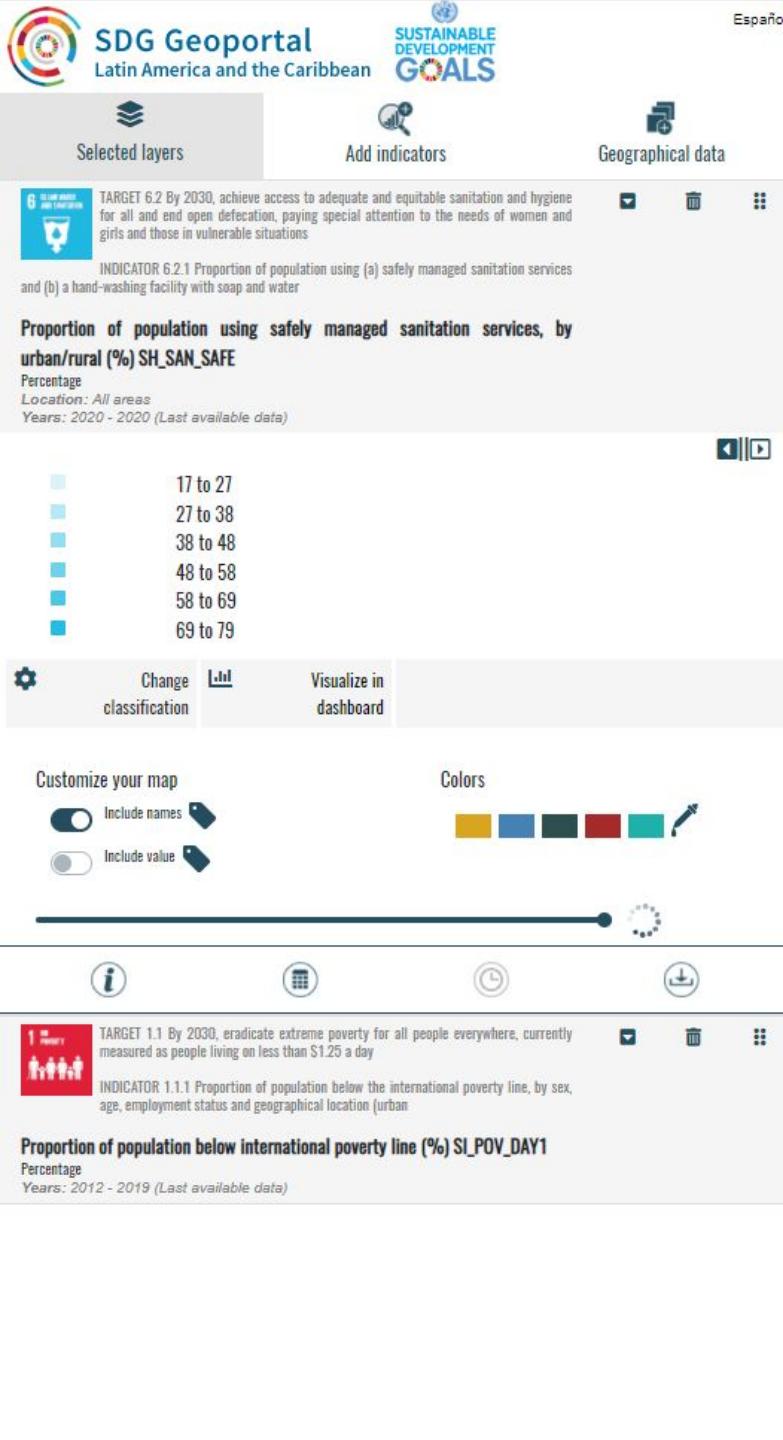
INDICATOR P-1.1.1 Proportion of population living below the regional extreme poverty line, by sex, age, employment status, geographical location (urban or rural) and ethnicity

- ▼ TARGET 1.2 By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions
- ▼ TARGET 1.3 Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable
- ▼ TARGET 1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance
- ▼ TARGET 1.5 By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters
- ▼ TARGET 1.a Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and



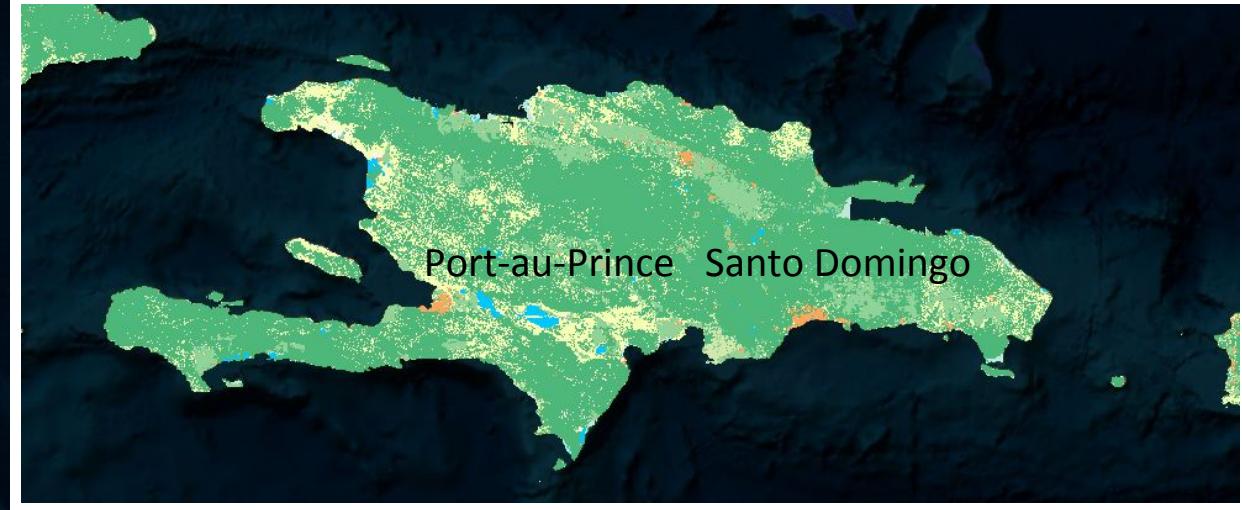
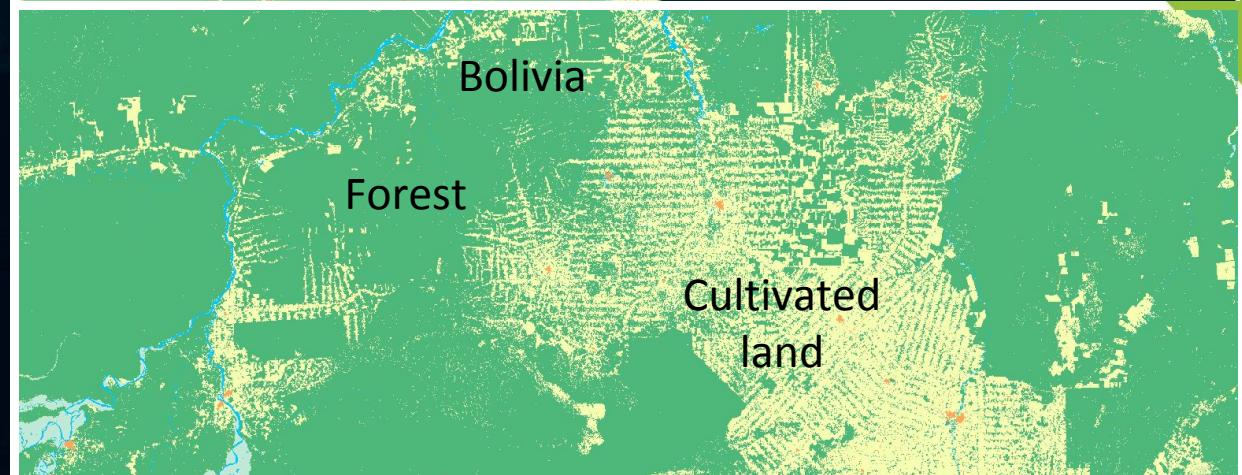
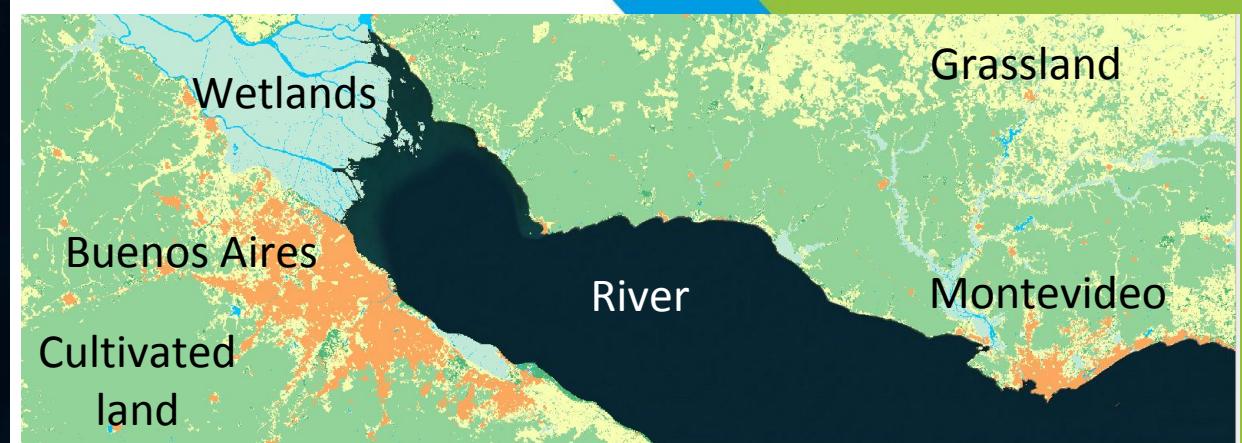
SDG Geoportal

Georeferencing of
the selected
information.



SDG Geoportal

Georeferencing of the selected information and comparison between indicators.





CEPALSTAT
GEOPORTAL

Español

CEPALSTAT ▾



Selected layers



Add indicators



Geographical data

Land Cover 2020 Selected layers

GlobeLand30

Encendido

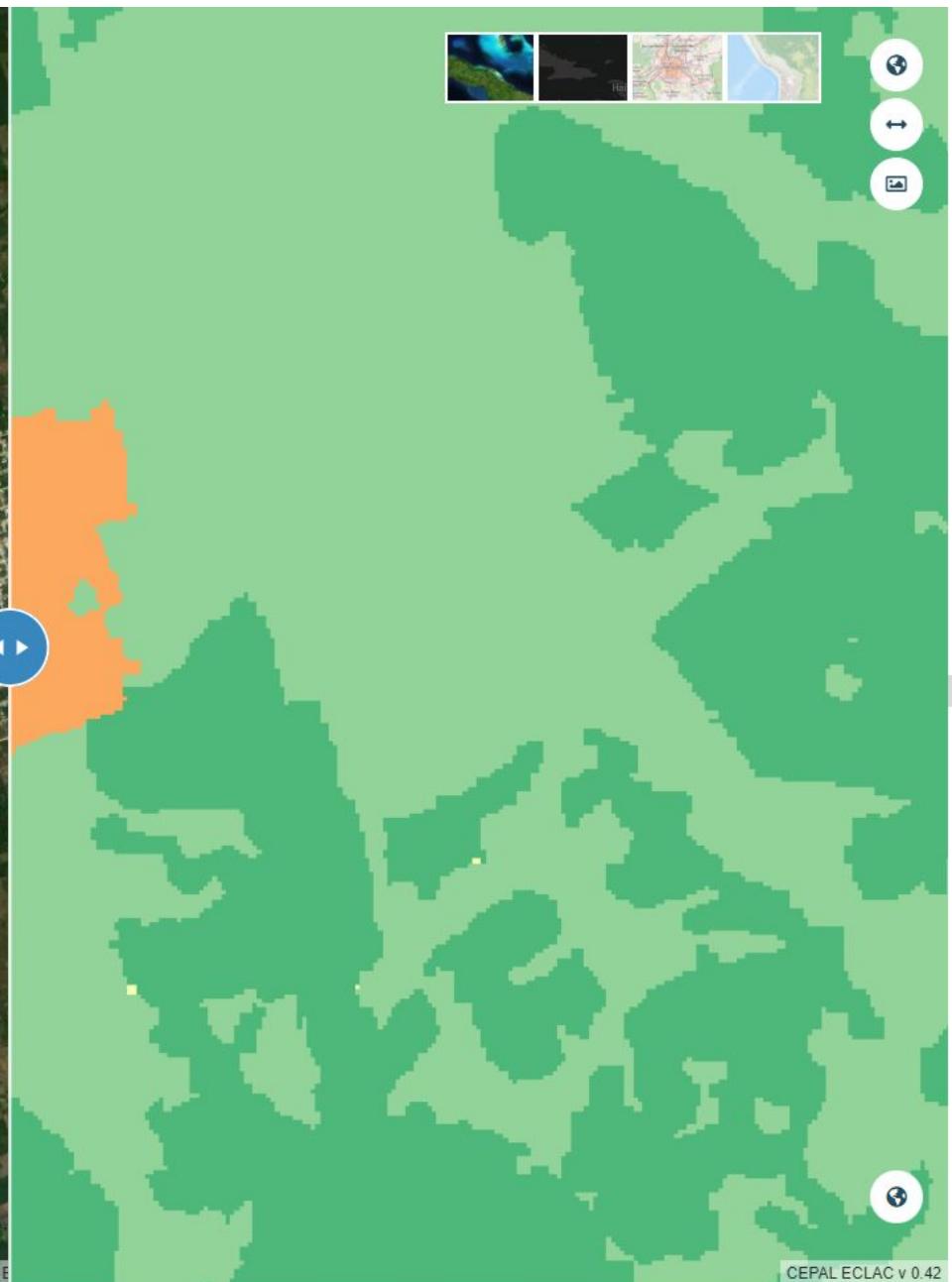
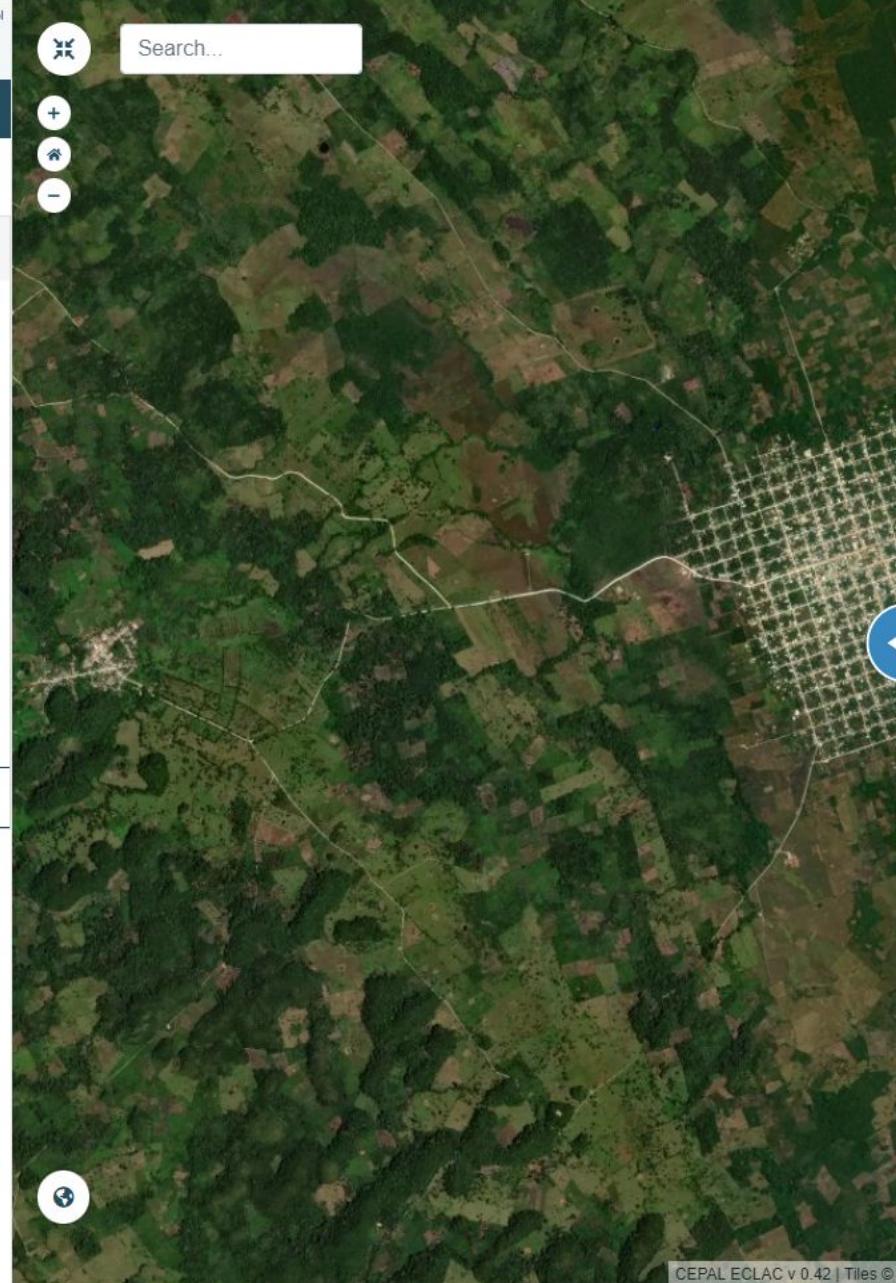
- Cultivated land
- Forest
- Grassland
- Shrubland
- Wetland
- Water bodies
- Tundra
- Artificial surfaces
- Bare land
- Permanent snow and ice



Search...



CEPAL ECLAC v 0.42 | Tiles © F



CEPAL ECLAC v 0.42



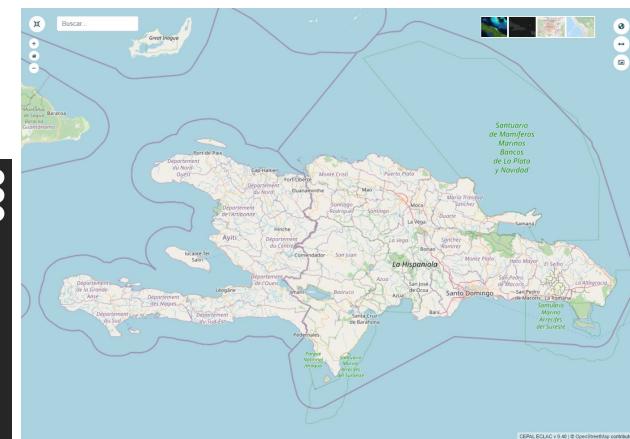
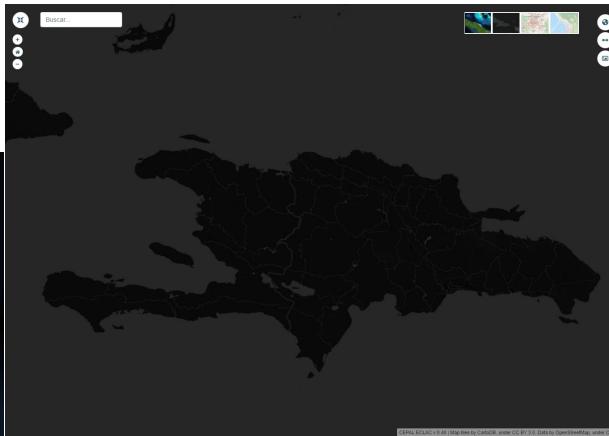
English

CEPALSTAT ▾

Capas seleccionadas Agregar indicadores Datos geográficos

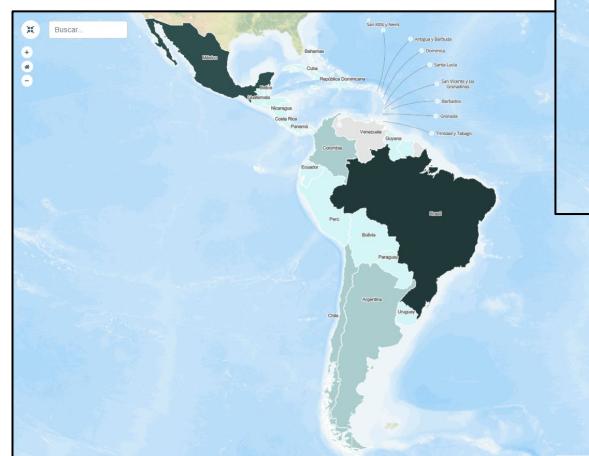
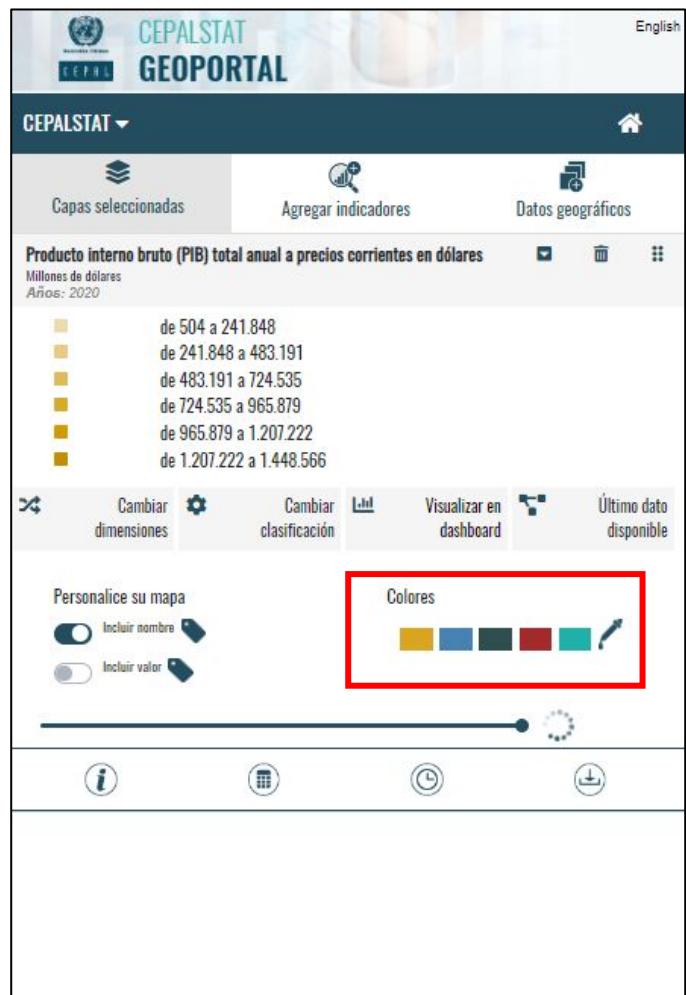
Producto interno bruto (PIB) total anual a precios corrientes en dólares
Millones de dólares
Años: 2020

Buscar...



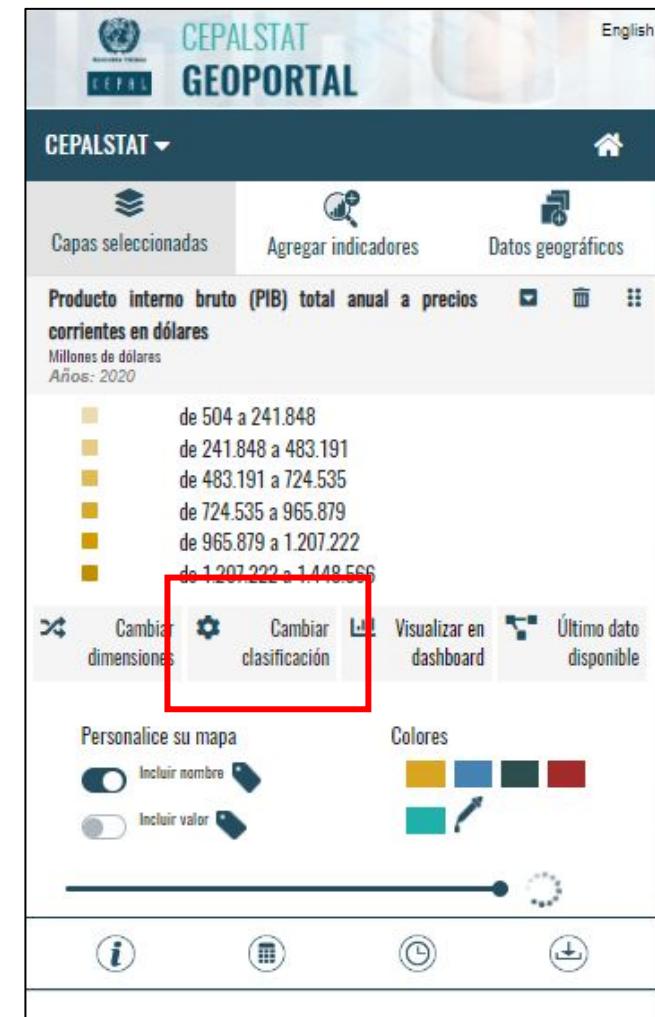
CEPALSTAT
Geoportal

Change basemap



CEPALSTAT
Geoportal

Change color
schema



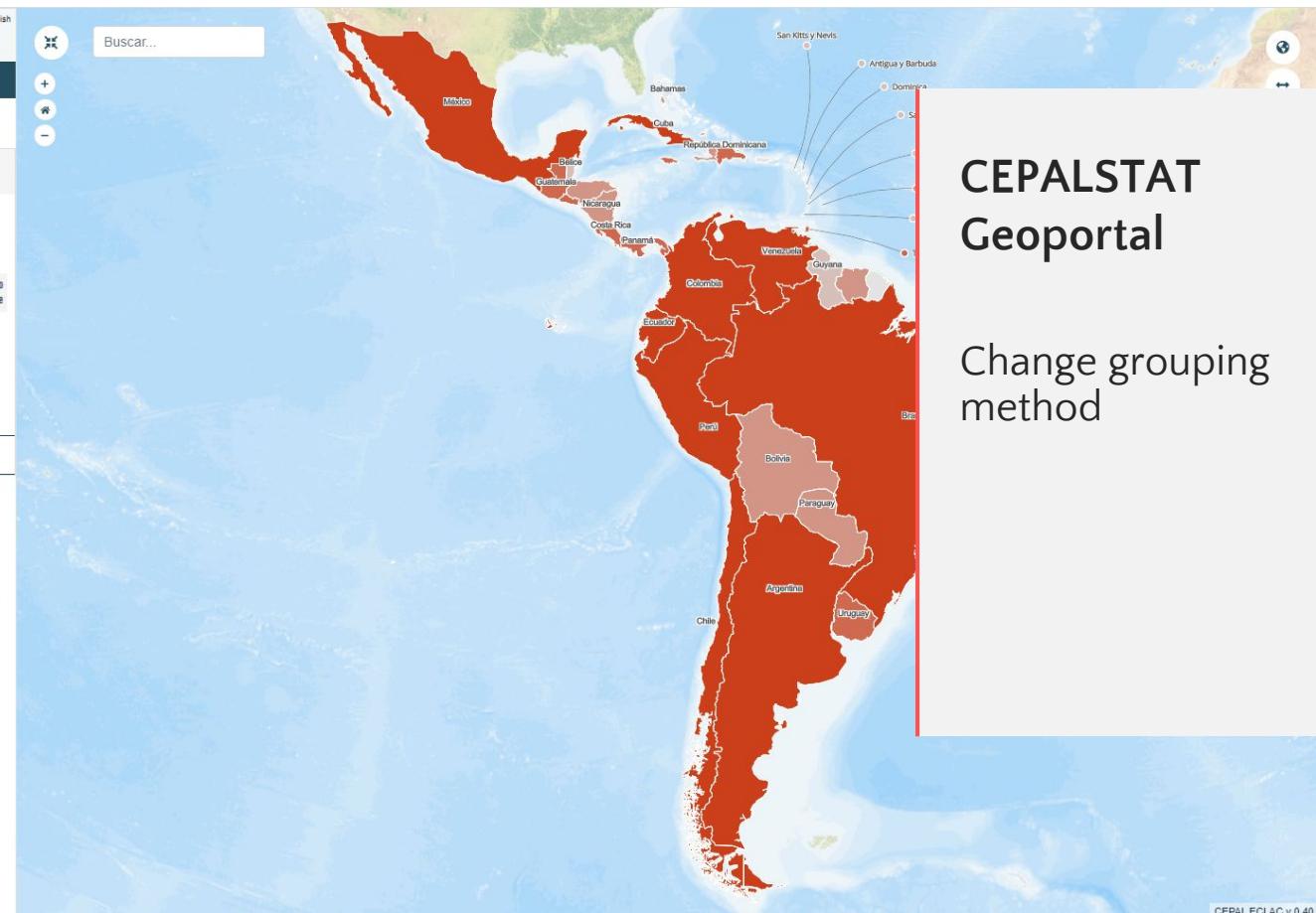
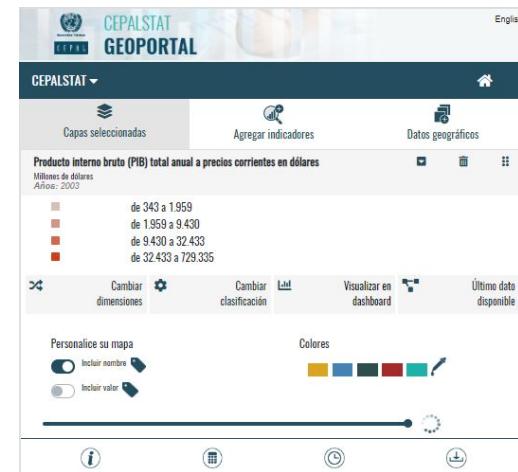
Number of classes

5

Grouping method

Equal intervals

Apply





CEPALSTAT



Capas seleccionadas



Agregar indicadores



Datos geográficos

Producto interno bruto (PIB) total anual a precios corrientes en dólares

Millones de dólares

Años: 2020

de 504 a 241.848

de 241.848 a 483.191

de 483.191 a 724.535

de 724.535 a 965.879

de 965.879 a 1.207.222

de 1.207.222 a 1.448.566

Cambiar dimensiones Cambiar clasificación Visualizar en dashboard Último dato disponible

Personalice su mapa

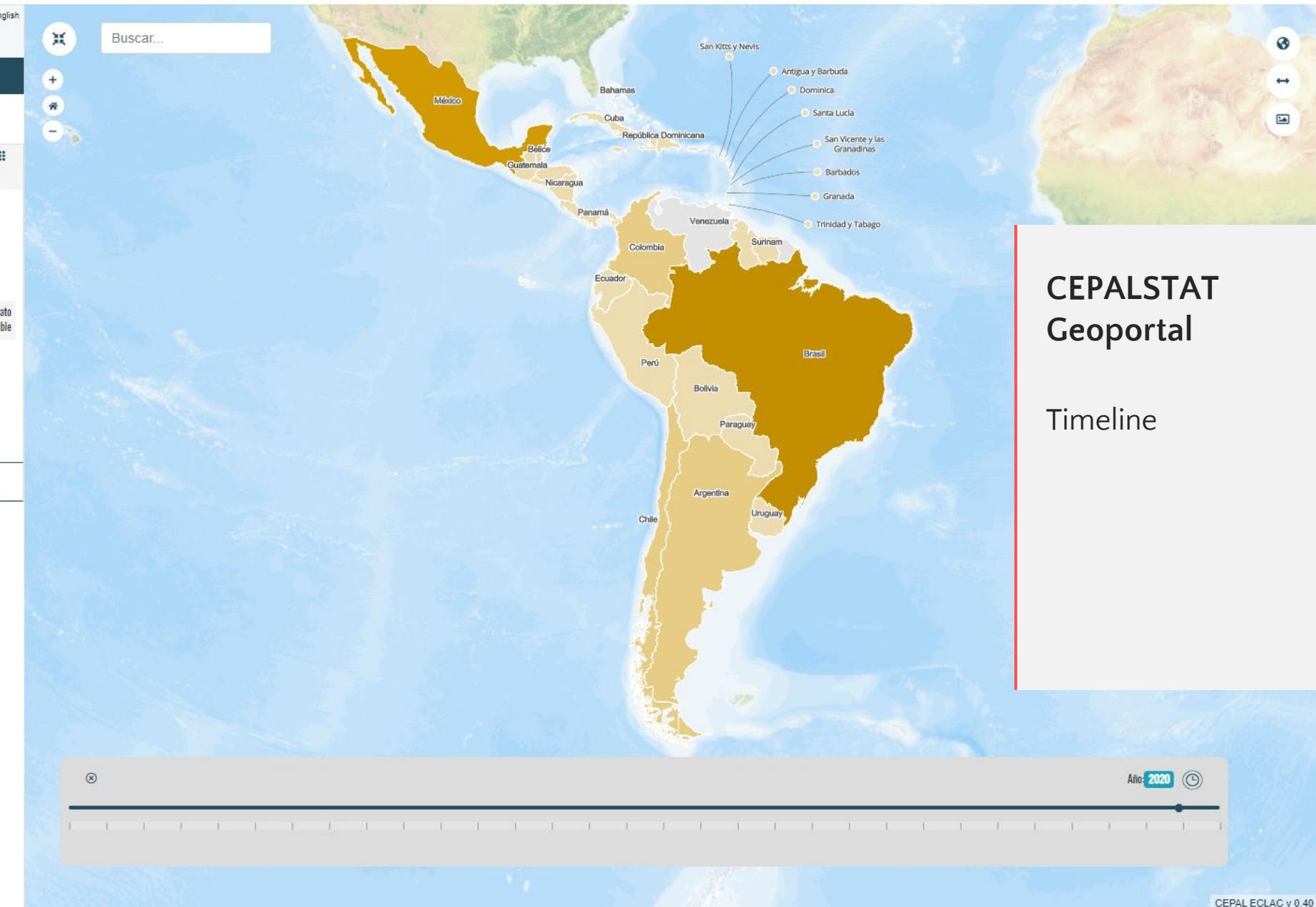


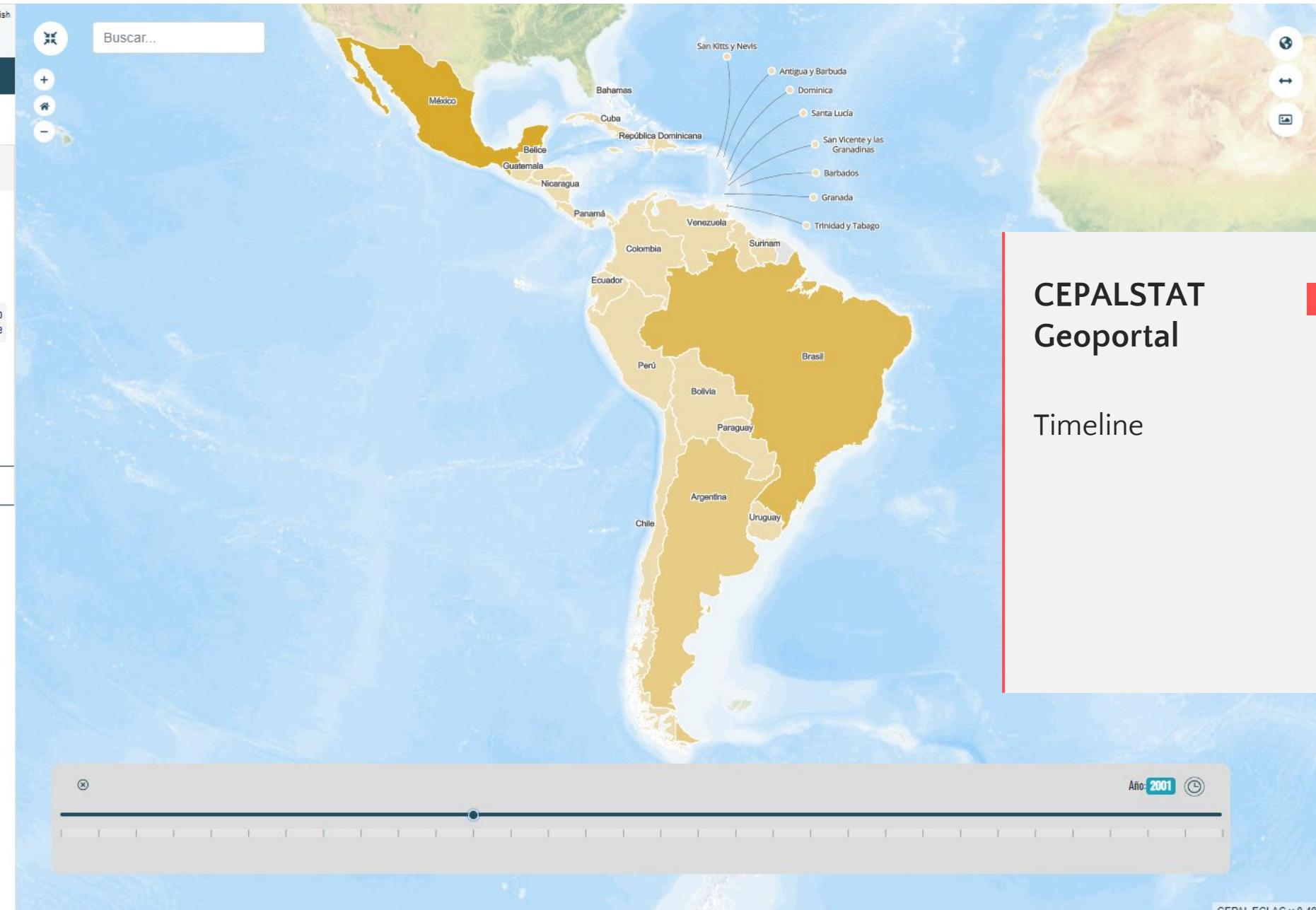
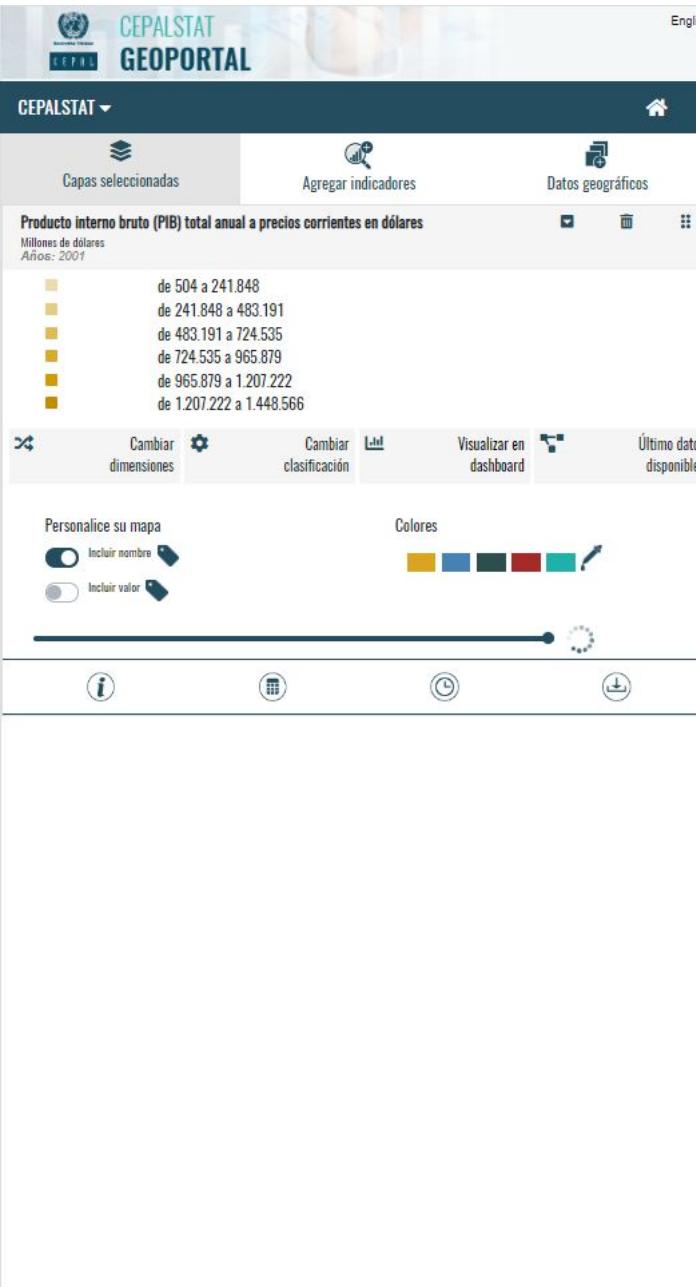
Incluir nombre



Incluir valor

Colores







Search...



Selected layers



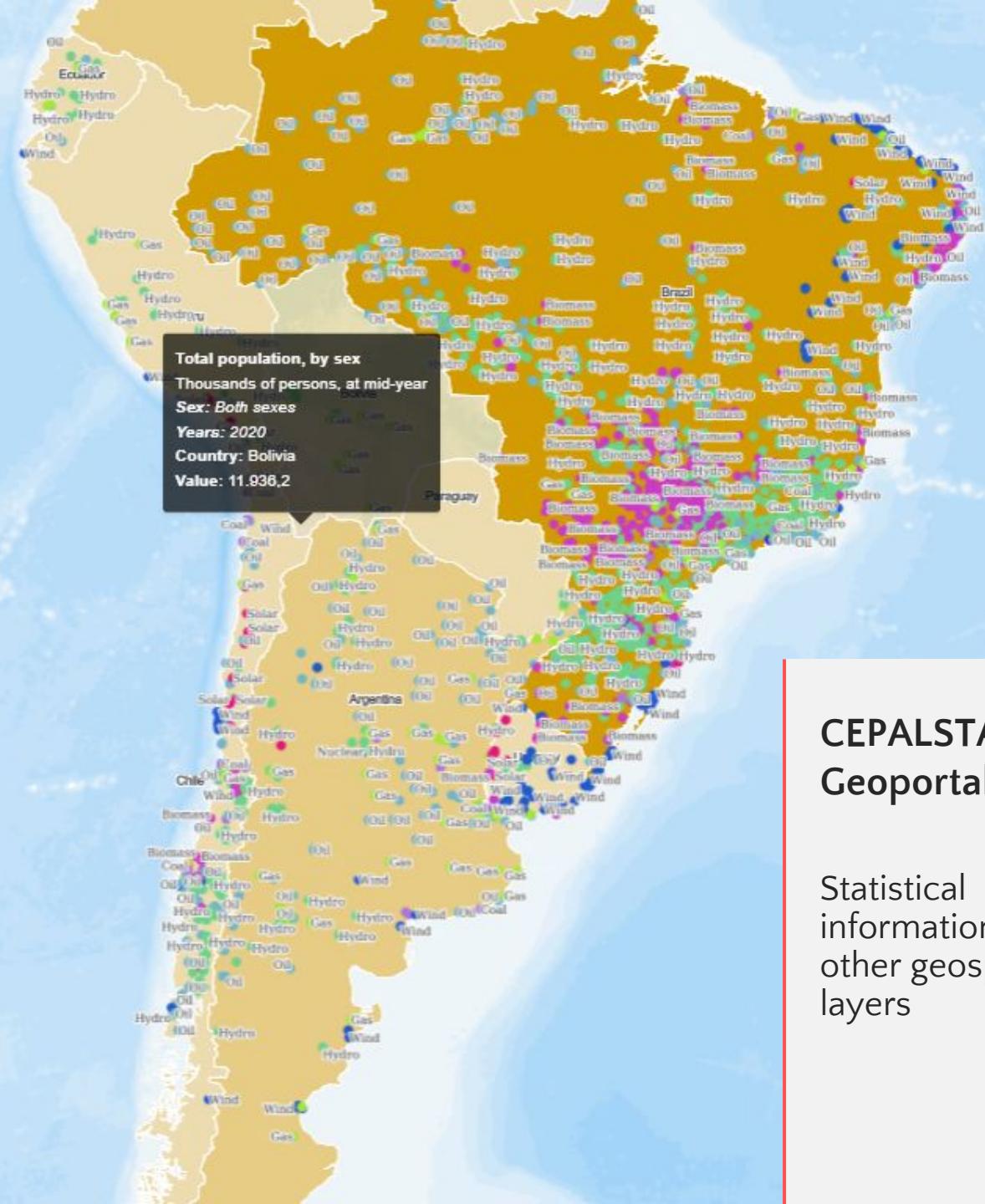
Add indicators



Geographical data

Plantas de Energía (Global Energy Observatory, Google, KTH Royal Institute of Technology in Stockholm, Enipedia, World Resources Institute, 2019)

Otras Fuentes

 Encendido Biomass Coal Gas Geothermal Hydro Nuclear Oil Other Petcoke Solar Storage Waste Wind**Total population, by sex**

Thousands of persons, at mid-year

Sex: Both sexes

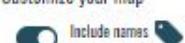
Years: 2020

- 5 to 42.643
- 42.643 to 85.281
- 85.281 to 127.920
- 127.920 to 170.558
- 170.558 to 213.196



Customize your map

Colors



CEPALSTAT Geoportal

Statistical
information and
other geospatial
layers



Selected layers



Add indicators



Geographical data

Percentage of adolescents who are mothers



Percentage

Years: 2003 - 2018 (Last available data)

Territorial breakdown: undefined

1 to 10

10 to 15

15 to 100

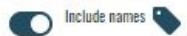


Change classification



Visualize in dashboard

Customize your map



Colors



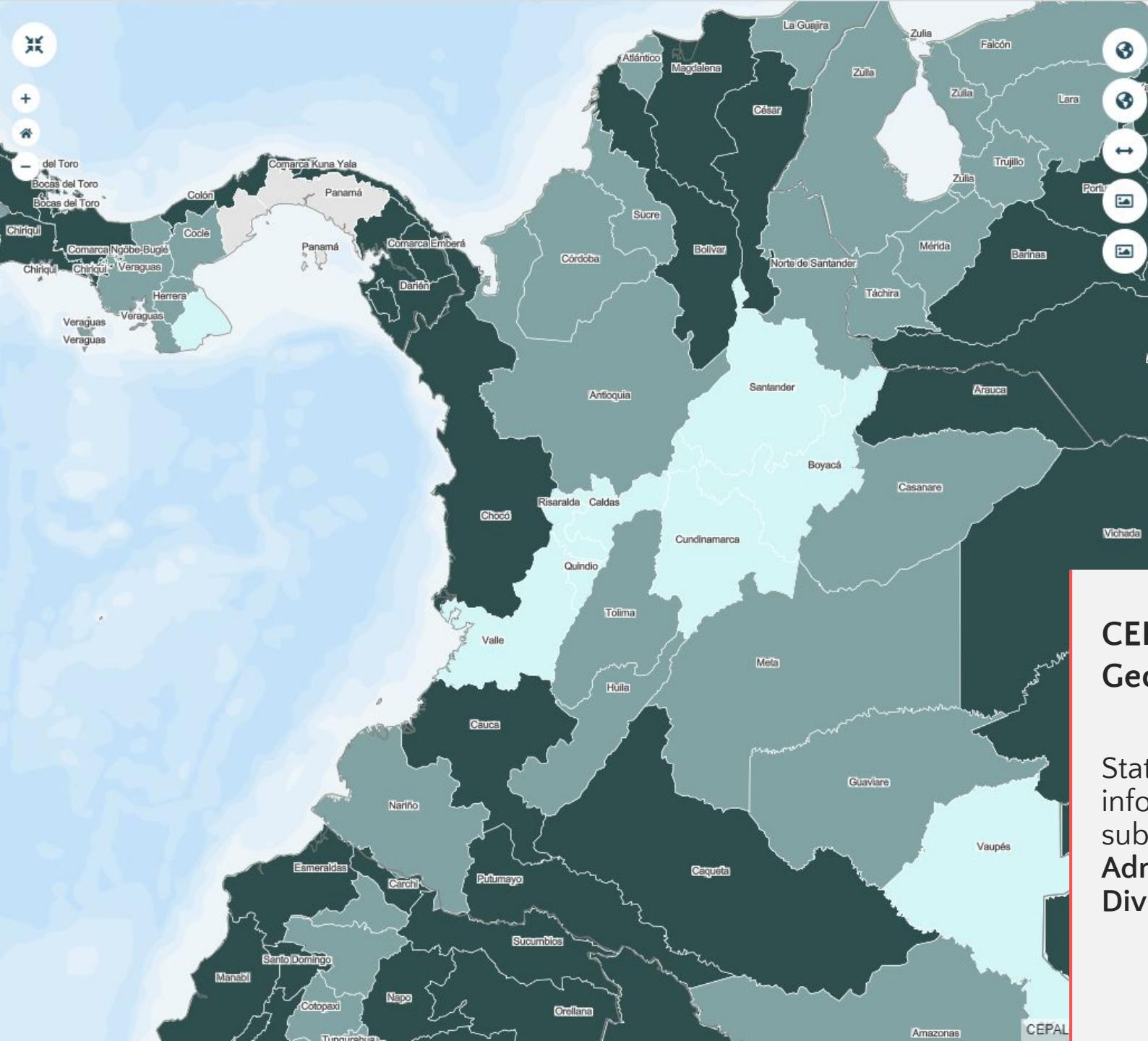
Percentage of adolescents who are mothers



Percentage

Years: 2018

Territorial breakdown: undefined



**CEPALSTAT
Geoportal**

Statistical
information at
subnational level:
**Administrative
Division.**

Search...



Use of solid fuels for cooking

Percentage

Years: 2002 - 2017 (Last available data)

Territorial breakdown: Major administrative division

0 to 0

0 to 3

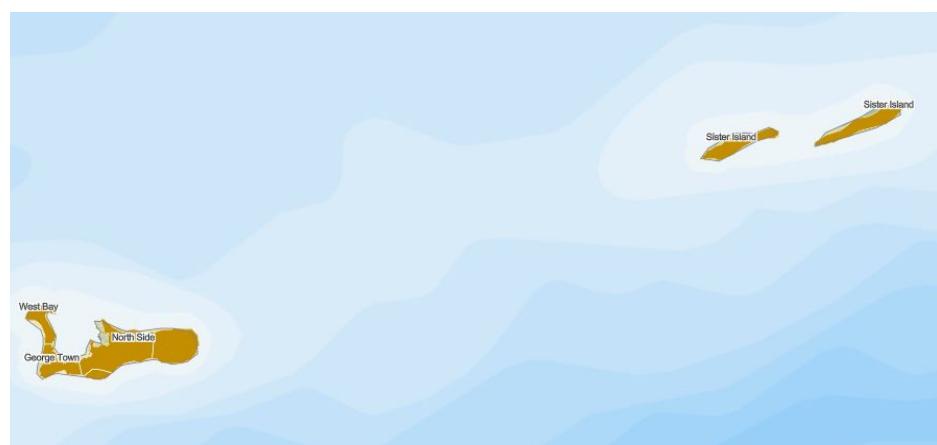
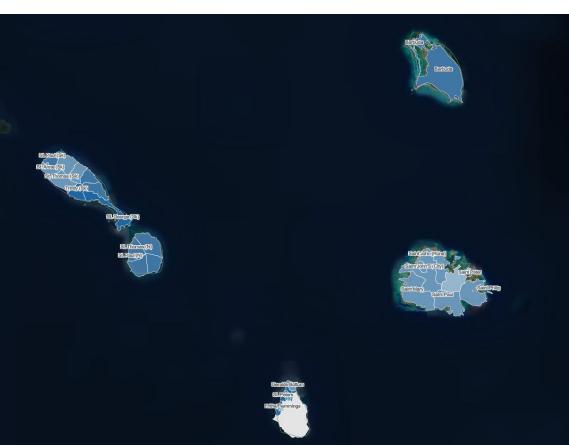
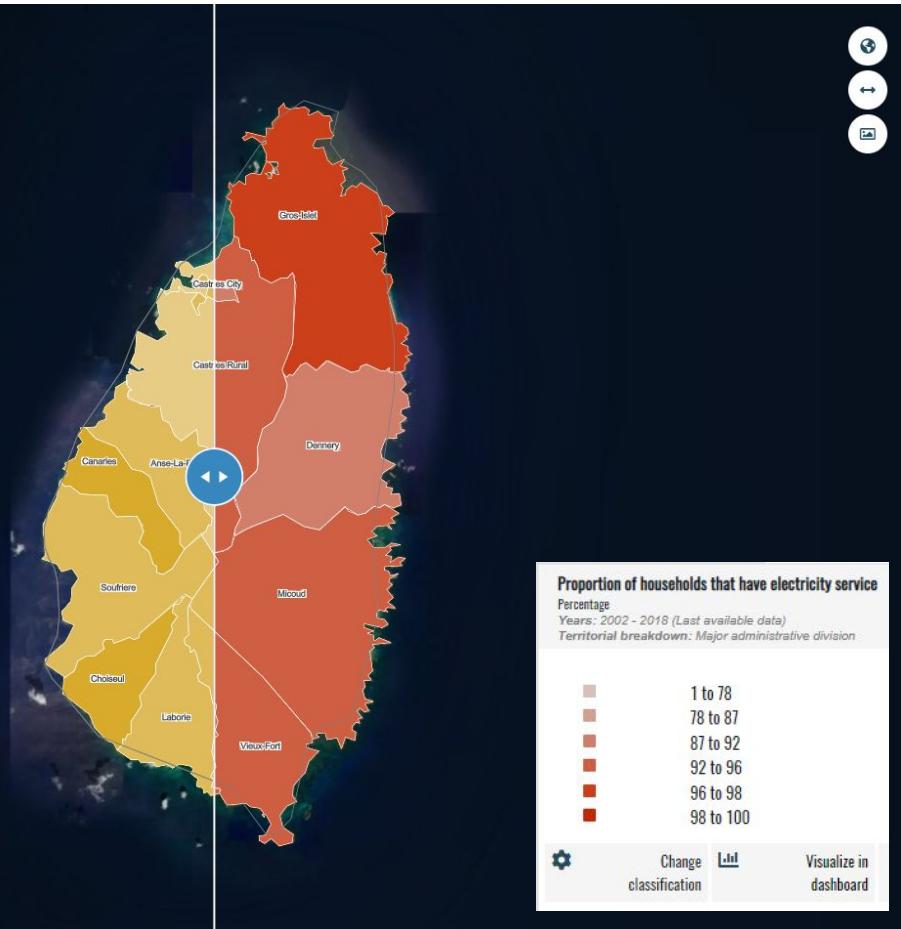
3 to 10

10 to 25

25 to 53

53 to 95

Change classification Visualize in dashboard





Selected layers



Add indicators



Geographical data

Primary completion rate

Percentage

Years: 2002 - 2018 (Last available data)

Territorial breakdown: undefined

- 24 to 58
- 58 to 67
- 67 to 80
- 80 to 92
- 92 to 95
- 95 to 100



Change classification



Customize your map

- Include names
- Include value

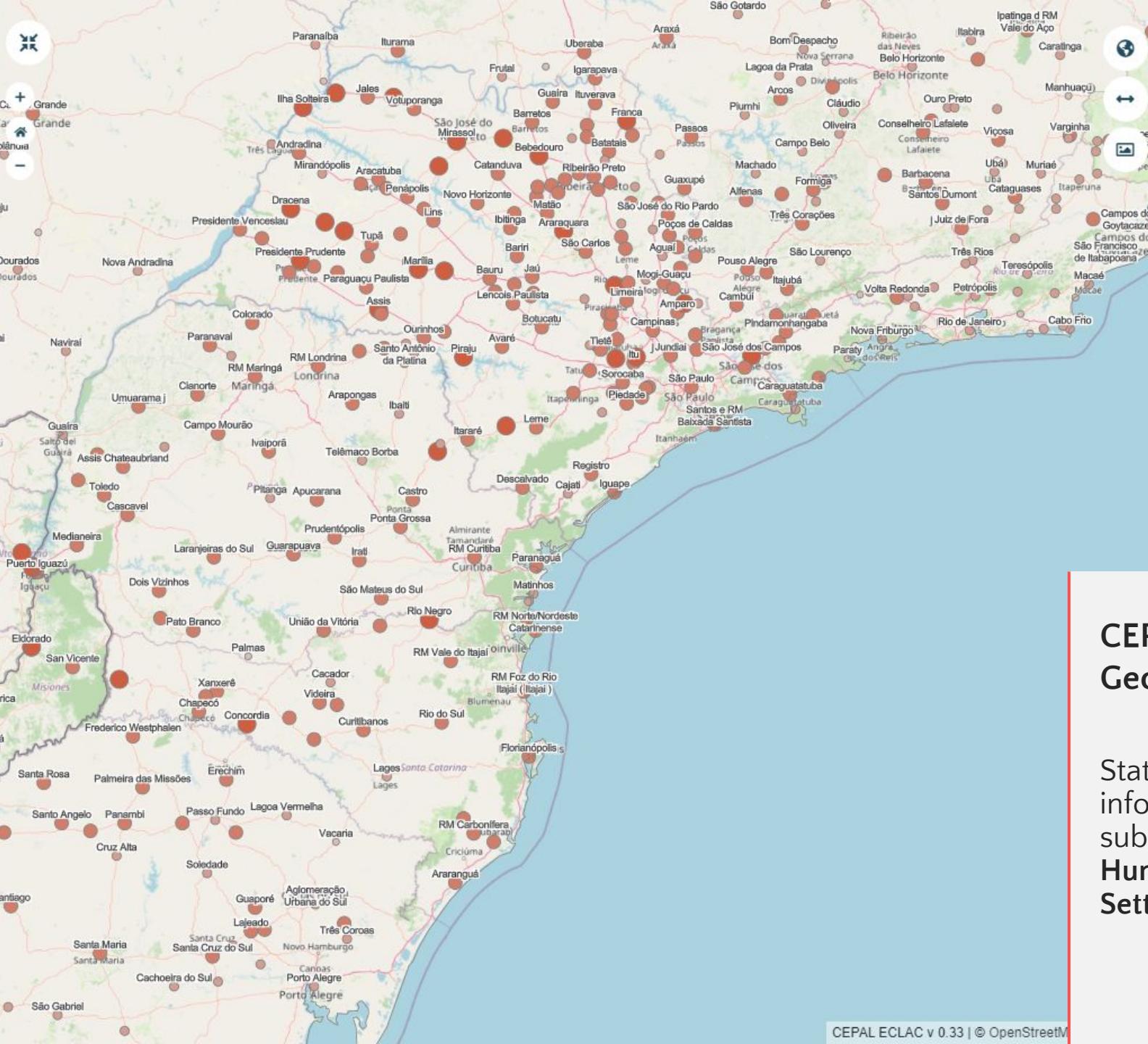
Colors

**Primary completion rate**

Percentage

Years: 2018

Territorial breakdown: undefined

**CEPALSTAT
Geoportal**

Statistical
information at
subnational level:
**Human
Settlements.**

CEPALSTAT GEOPORTAL

English

CEPALSTAT

Capas seleccionadas

Agregar indicadores

Datos geográficos

Producto interno bruto (PIB) total anual a precios corrientes en dólares

Millones de dólares

Años: 2020

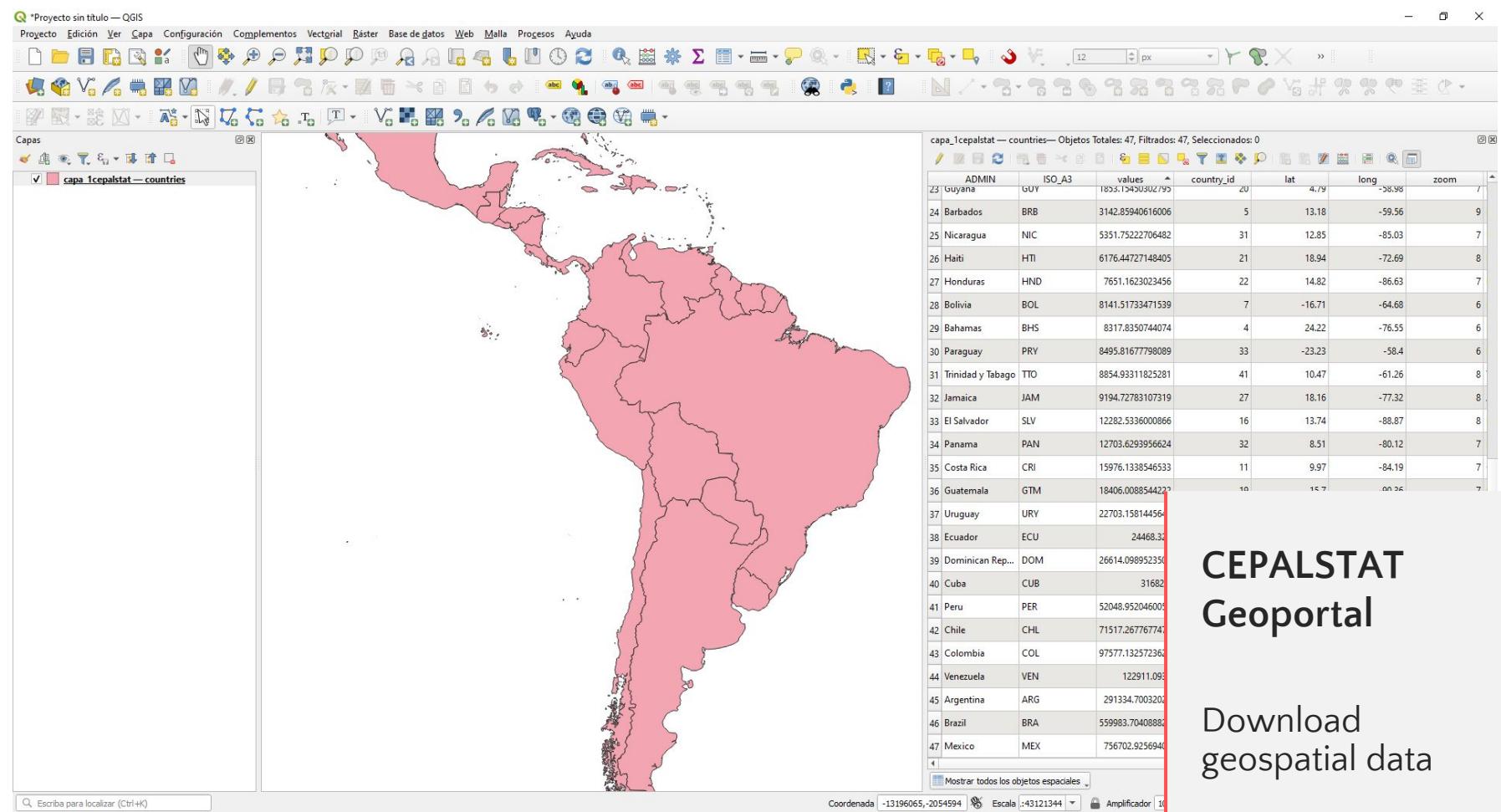
- de 504 a 241.848
- de 241.848 a 483.191
- de 483.191 a 724.535
- de 724.535 a 965.879
- de 965.879 a 1.207.222
- de 1.207.222 a 1.448.566

Cambiar dimensiones **Cambiar clasificación** **Visualizar en dashboard** **Último dato disponible**

Personalice su mapa

Incluir nombre **Incluir valor**

Colores



CEPALSTAT
Geoportal

Download
geospatial data

Technologic stack for SDI



Desktop GIS



Geospatial Database



Geospatial data manager



Web map server

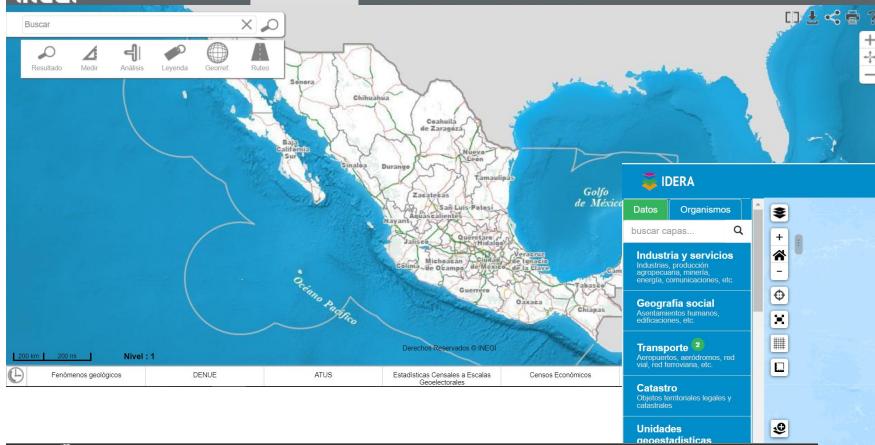


Metadata catalog



Webmapping JS library





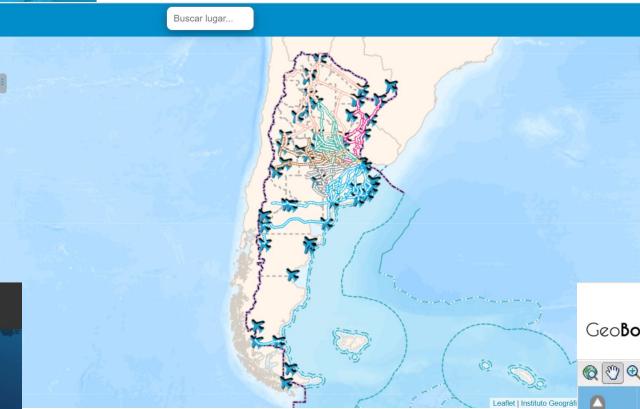
Bienvenido

AL GEOPORTAL DE LA INFRAESTRUCTURA DE DATOS ESPACIALES DE LA REPÚBLICA DOMINICANA.

[Empezar >>](#)

IDERC Portal Geoespacial de la República Dominicana

Buscar



APLICACIONES

Mapa Topográfico Digital

Nueva aplicación para acceder a las hojas del Mapa Topográfico Digital a diferentes escalas, hoy 1:25000 y 1:50000, en formato PDF.

Catálogo de metadatos

Busqueda de Metadatos sobre servicios, mapas, información geográfica.

Visor Genérico de Cuba

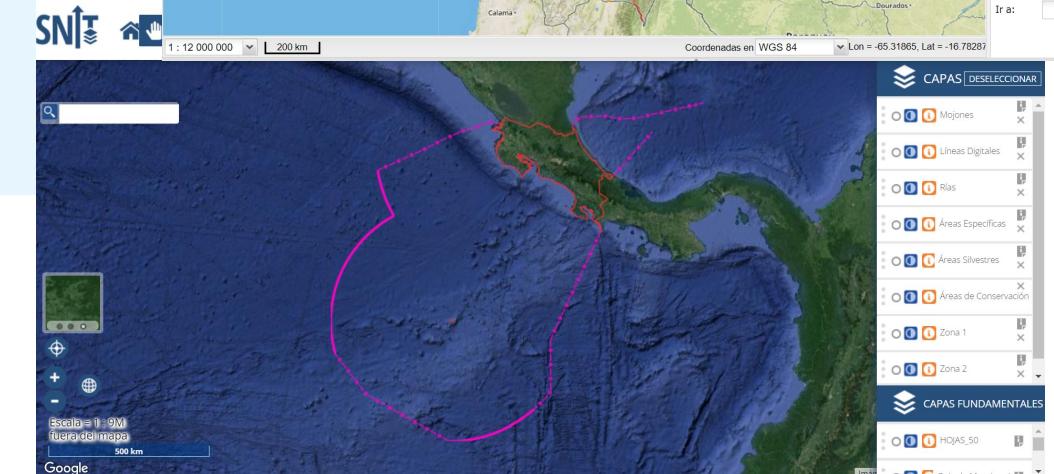
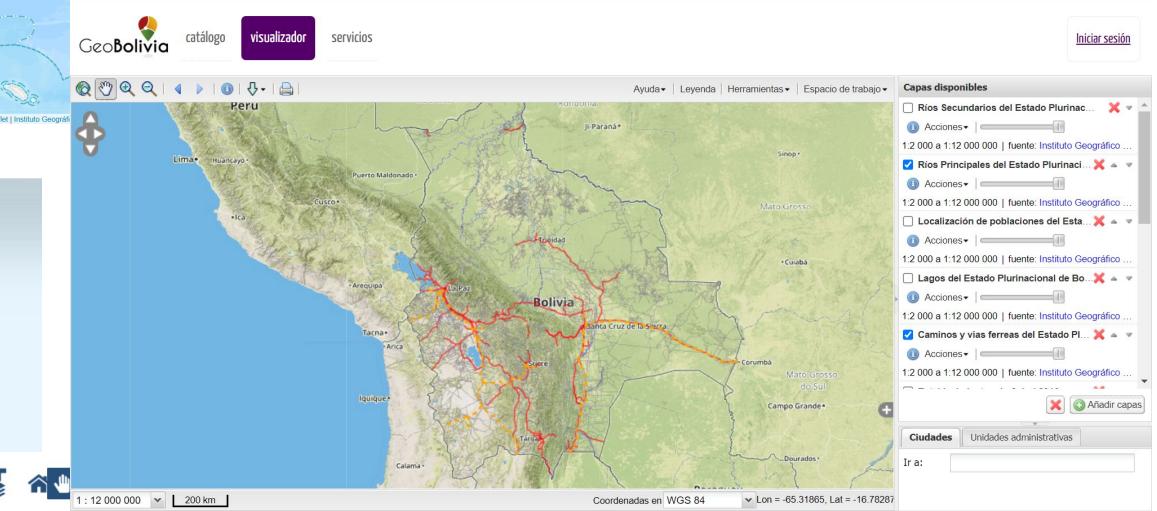
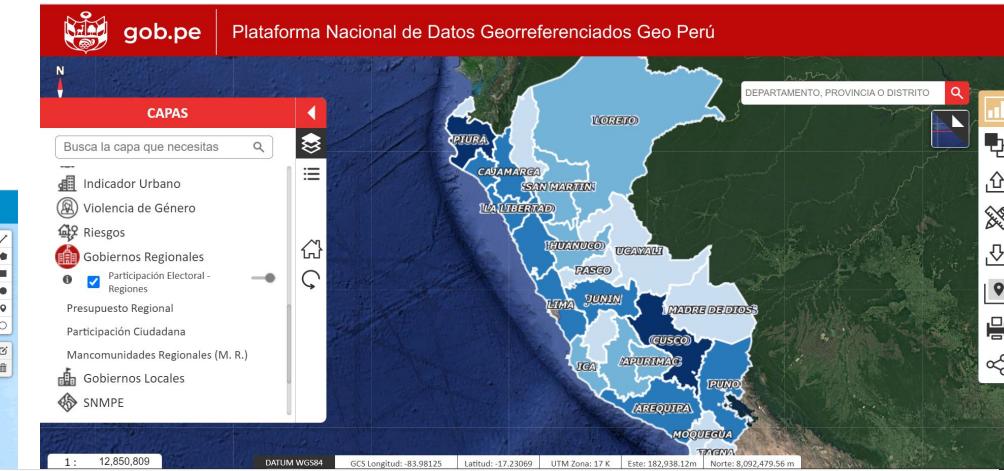
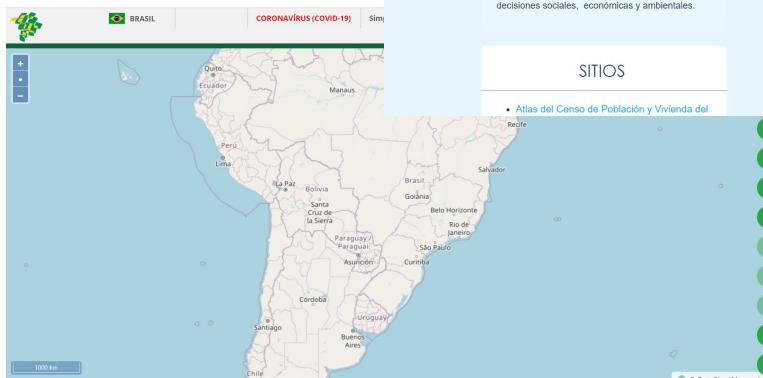
Servicio de visualización de mapas.

Diccionario y nomenclátor.

Búsqueda y localización de nombres geográficos.

Calculadora geográfica

Transformación de coordenadas.





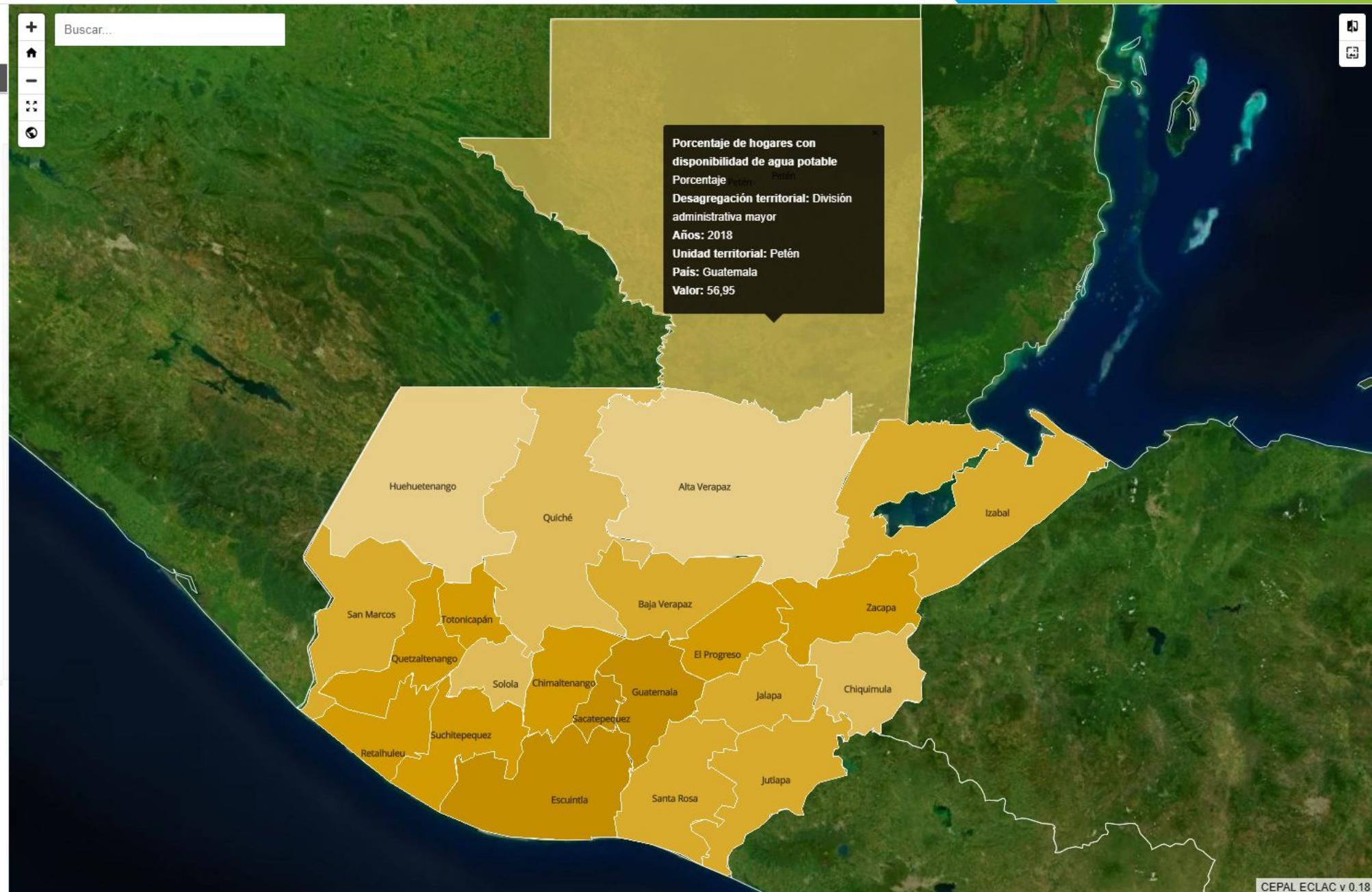
GEOPORTAL ▾

**CAPAS SELECCIONADAS** **AGREGAR INDICADORES** **DATOS GEGRÁFICOS****Porcentaje de hogares con disponibilidad de agua potable****Porcentaje**Desagregación territorial: División administrativa mayor
Años: 2018 (Último dato disponible)

- De 22 a 34
- De 35 a 47
- De 48 a 60
- De 61 a 73
- De 74 a 86
- De 87 a 99

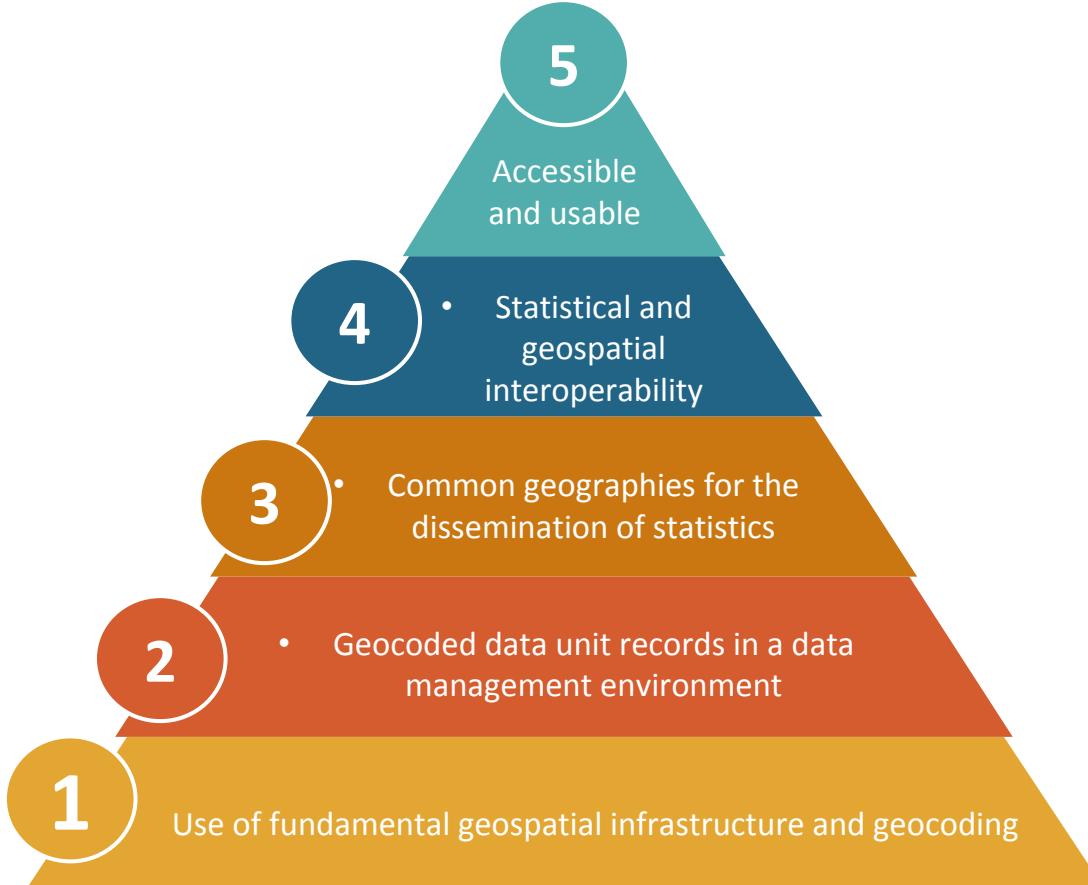
**CAMBIE
DIMENSIONES
DEL INDICADOR****VISUALICE EL
INDICADOR EN
EL DASHBOARD****MOSTRAR EL
ULTIMO DATO
DISPONIBLE
PARA CADA PAÍS**

Personalice su mapa

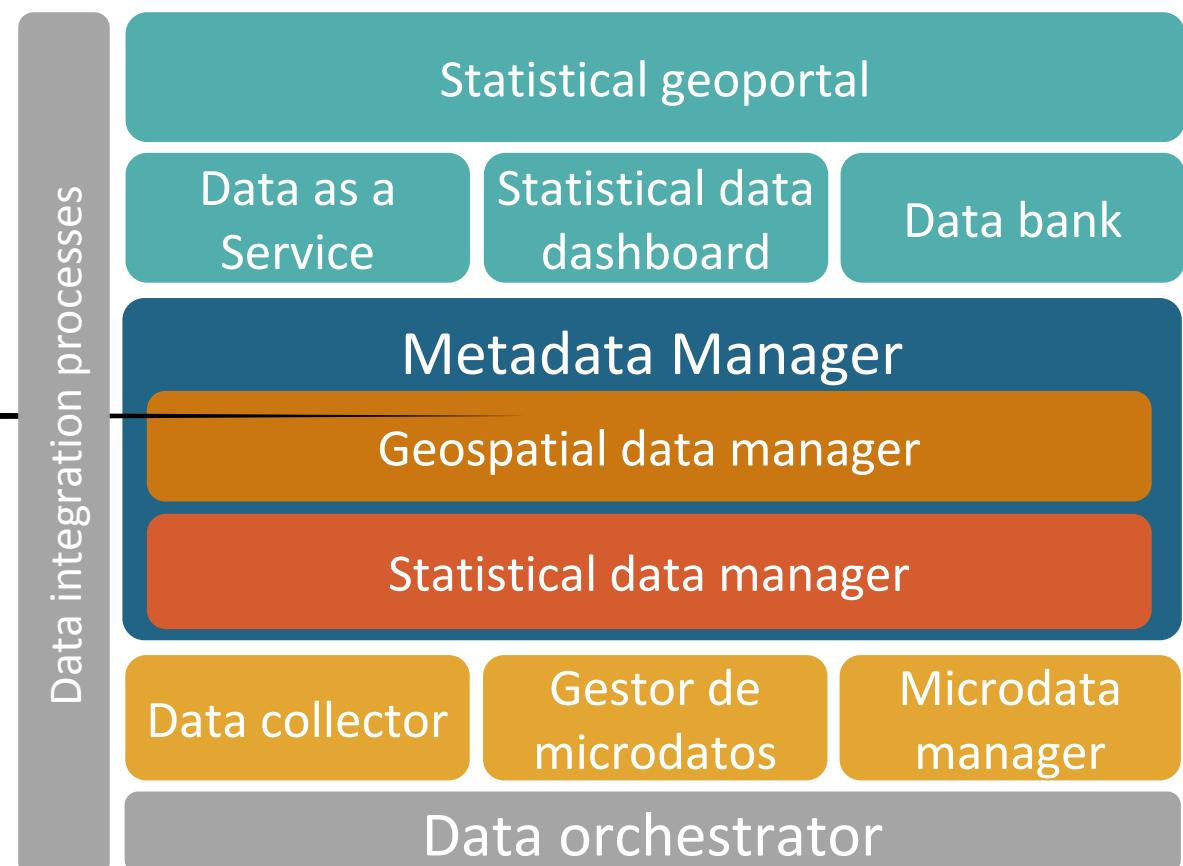


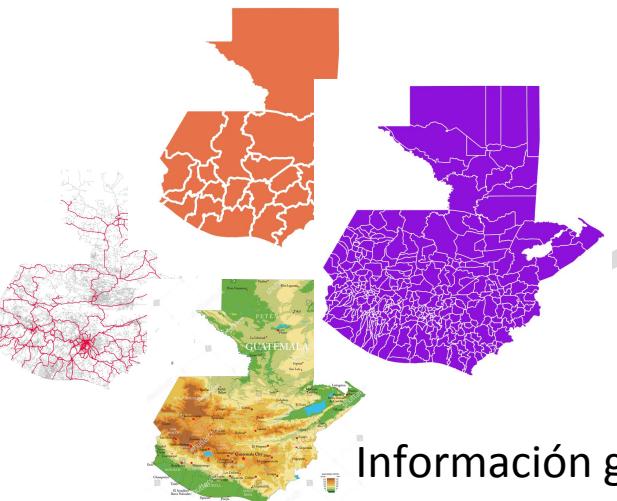
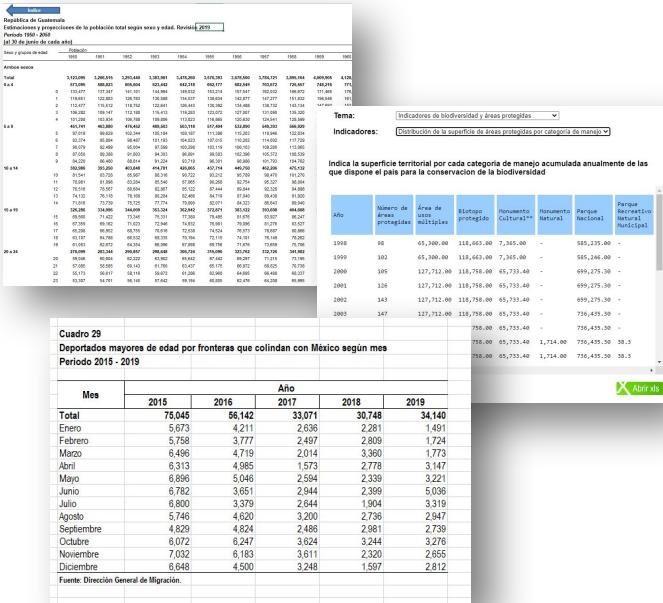
- Modular technological architecture based on the recommendations of the Global Statistical and Geospatial Framework (GSGF)

Global Statistical and Geospatial Framework (GSGF)

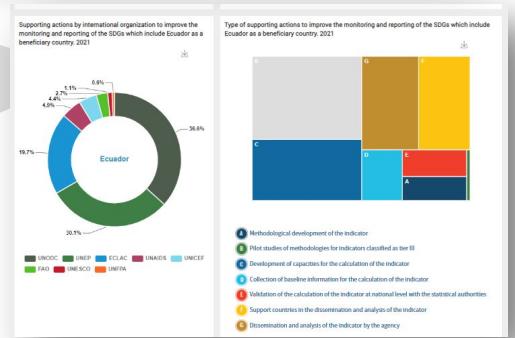


Proposal of technological components





Gestor de datos
geoespaciales



API y descargas





Creación del árbol temático de indicadores del geoportal a partir de la organización temática del sitio web institucional del INE

The screenshot shows the INE Geoportal interface. At the top, there is a header with the INE logo, the text "Instituto Nacional de Estadística Guatemala", and a "GEOPORTAL" dropdown menu. Below the header is a search bar and a map of Guatemala with state boundaries. To the left of the map is a sidebar containing navigation icons and a list of thematic indicators categorized under "Demográficos y sociales".

GEOPORTAL

CAPAS SELECCIONADAS AGREGAR INDICADORES DATOS GEGRÁFICOS

Demográficos y sociales

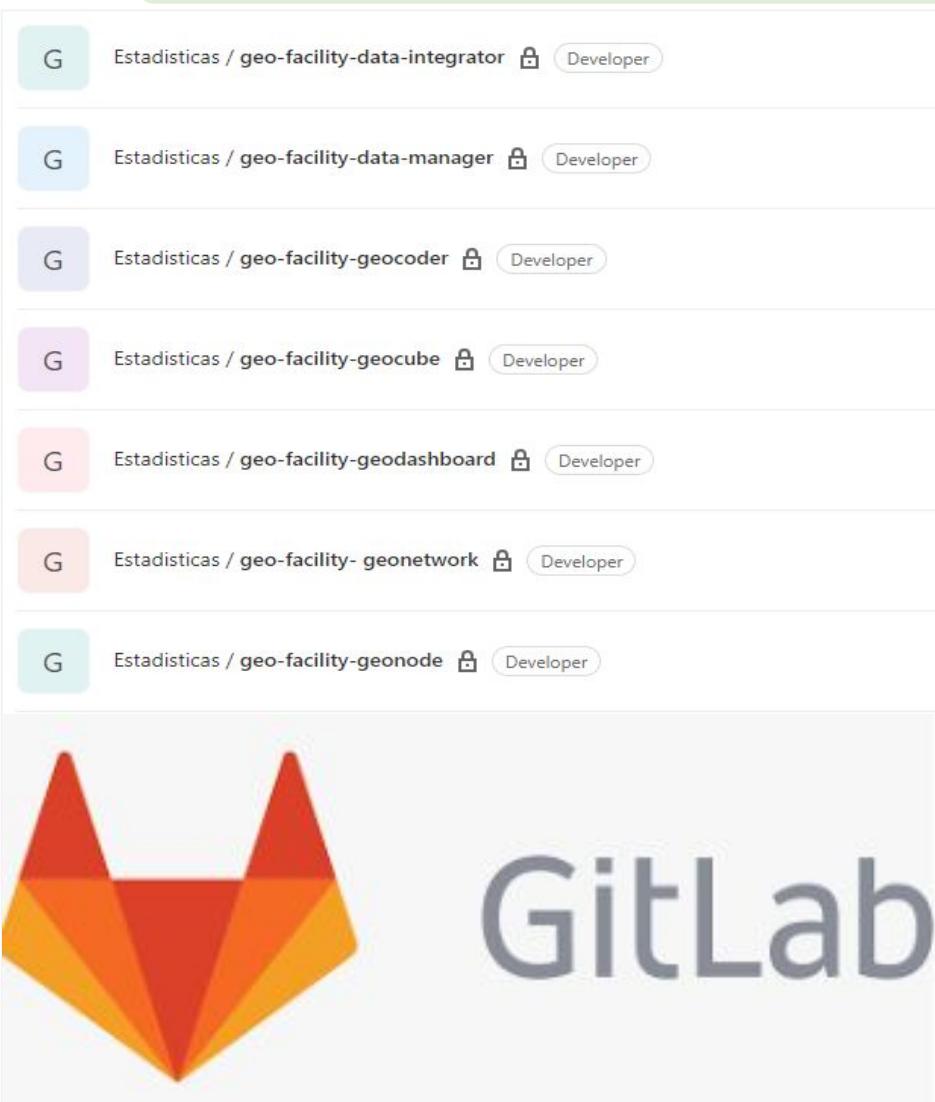
Demográficos

- Población
- Fecundidad
- Mortalidad
- Migración
- Maternidad
- Distribución espacial y urbanización

Sociales

- Empleo y remuneraciones
- Educación
- Vivienda y servicios básicos
- Salud
- Gasto público social
- Pobreza
- Distribución del ingreso
- Gobernanza, justicia y seguridad

- Development of the components in an open source repositories environment (**GitLab**), using different technologies.



Capacity building: virtual campus

Página Principal Área personal Mis cursos Administración del sitio

6

Modo de edición

Vista general de curso

Todos Buscar Sort by course name Tarjeta



QGIS 1 - Básico
DA13



Curso 2. Georreferenciación y Geocodificación
DA13



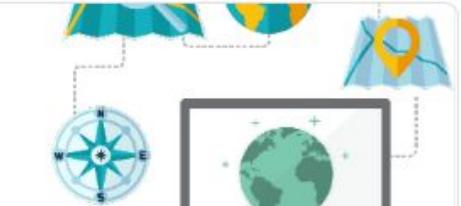
Curso 3. QGIS Avanzado
DA13



Curso 4. Estándares Geoespaciales
DA13



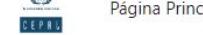
Curso 5. Imágenes satelitales
DA13



Curso 6. Webmapping
DA13

?

Knowledge and experience exchange



Página Principal Área personal Mis cursos Administración del sitio



Modo de edición

▼ Gestor de Datos Geoespaciales (GeoNode)



FORO

Foro de intercambios acerca del Gestor de Datos Geoespaciales

[Marcar como hecha](#)



URL

Repository de código GeoNode 3.3

[Marcar como hecha](#)



RECURSO

Guía metodológica para la implementación de GeoNode 3.3

[Marcar como hecha](#)



RECURSO

Guía de uso y administración de GeoNode 3.3

[Marcar como hecha](#)



URL

Taller Geonode (Grabación)

[Marcar como hecha](#)



Página Principal Área personal Mis cursos Administración del sitio

Modo de edición

Cuál es el procedimiento que debe realizarse para poder visualizar correctamente las capas subidas?? Muchas gracias.

Enlace permanente Editar Borrar Responder

Re: No se visualizan capas cargadas en GeoNode
de José Cáceres - Tuesday, 1 de November de 2022, 15:31

Es muy probable que sea una mala configuración de las variables. Prueba usar el inspector del navegador para ver de que dirección está tratando de cargar las teselas del mapa.

Re: No se visualizan capas cargadas en GeoNode
de Fabián Allendes - Wednesday, 2 de November de 2022, 11:31

Usando el Inspector del navegador se observa lo siguiente:

Re: No se visualizan capas cargadas en GeoNode
de José Cáceres - Wednesday, 2 de November de 2022, 12:20

Hola Fabian,

Esa es una IP privada, estás accediendo al sitio mediante la IP en la red local o mediante un dominio?

Cuáles son los valores que asignaste a las variables de la imagen?

```
19 GEO_NODE_LB_HOST_IP=https://example.test.com/
20 GEO_NODE_LB_PORT=80
21 PUBLIC_PORT=80
22 NGINX_BASE_URL=https://example.test.com/
```

Re: No se visualizan capas cargadas en GeoNode
de José Cáceres - Wednesday, 2 de November de 2022, 12:25

Adicionalmente, asegúrate que dentro de la web de tu Geoserver, la URL base del proxy sea la misma dirección de la variable GEOSERVER_WEB_UI_LOCATION

GeoServer

Configuració n global

Configuració n aplicable a todo el servidor.

OGC Services

Service Settings

URL base del proxy

THANKS