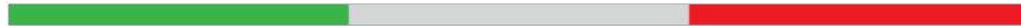




COLIMA
STATE GOVERNMENT



The image shows two large, colorful puppets in the foreground. The puppet on the left is white with a red grid pattern, large blue eyes, and a green mouth. The puppet on the right is dark grey with large red eyes, a rainbow-colored mouth, and pointed ears. They are set against a blurred background of a festival with trees and people. A semi-transparent dark grey bar is overlaid across the middle of the image, containing the text "#BEYONDYOUR EXPECTATIONS" in white, bold, uppercase letters.

#BEYONDYOUR EXPECTATIONS



INDEX

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About us



Capital City Colima

Municipalities: 10

Territory: 5,625 km²

Population: 735,724
(0.6% of the country's total population)

GDP: \$6,554,564,102 USD
(0.6% of the national GDP in 2017)

GDP main sectors

- Commerce: 23.1%
- Real estate sector: 12.0%
- Construction: 11.1%
- Transportation: 11.0%



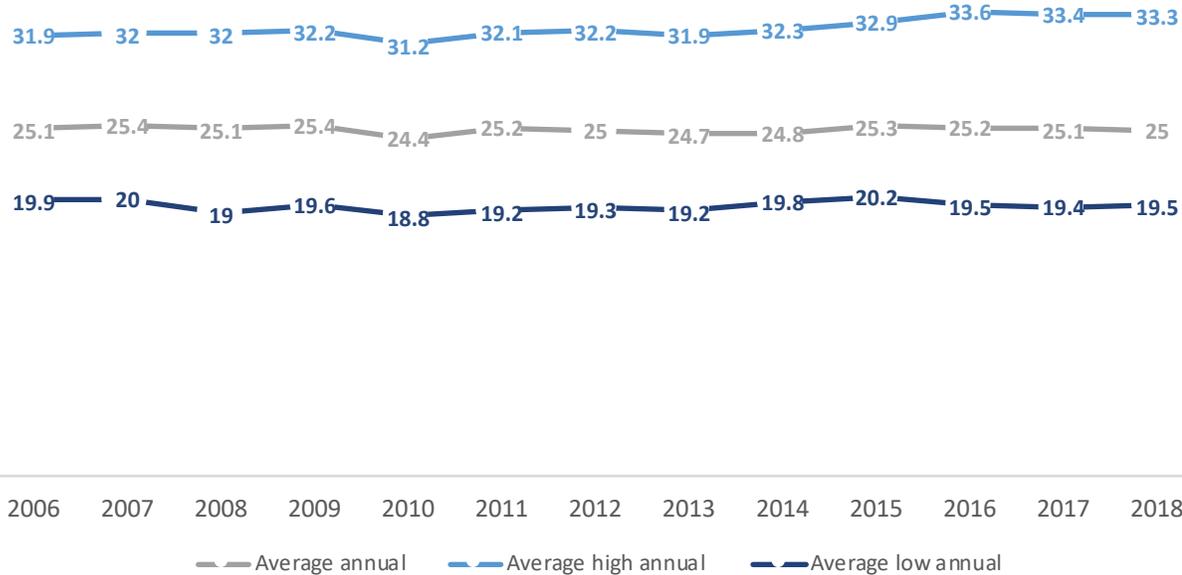
735,724

Population



A rainfall of 1,007 cubic millimeters. Mainly from June to October. In the coastal zone and Armería river basin, there is humid and warm weather, while ranges from temperate at higher elevations to warm in the south zone.

CLIMATE



Climate



Vegetation Diversity

Lowland Rainforest

Located in most parts of the State territory.

It is characterized by the fact that the species has a height of fewer than 15 meters that ordinarily possess a large number of vines.

Median jungle or high forest

It develops in the central and western area of the State.

In its maximum development, the trees have maximum heights of 25 to 30 meters.

Pine Forest

The dominant species "Pinus spp", it is located in the "Volcanes de Colima" sub-province and in the mountain of the coast of Jalisco and Colima.

The dominant species within it are: Pinus devoniana, Pinus montezumae, Pinus hartwegii, Pinus maximinoi, Pinus pseudostrobus. Pinus rudis and Pinus ayacahuite with a height between 25 to 30 meters.

Oak Forest

The main species there are:

Quercus magnoliifolia, Quercus castanea and as companion species are Mexican Clethra, Clusia salvinii, Guadichaudia macvauchii and Bunchosia lanceolata.

Vegetation Diversity

Cloud Forest

It is an evergreen community with the presence of fog creating a microclimate...

...where deciduous and evergreen elements are mixed, the height of the trees fluctuates between 12 and 40 m. with diameters from 30 to 150 cm, found at altitudes ranging from 700 and 2600 meters above sea level.



Palm Grove

Formed by high palms of pinnatifid leaves...

...like corozo (*Attalea butiracea*, *Attalea cohune*, *coquito de Aceite*, *Guacoyol*) and mexican *Sabal*, inter alia, that have their distribution in the slopes and plains of the Pacific.

Mangrove

The mangrove is a woody, dense, shrubby or arborescent formation with an absence of herbaceous and climbing plants.

The species that compose it are *Rhizophora mangle* (red mangrove) and *Laguncularia racemosa* (white mangrove), both evergreen.

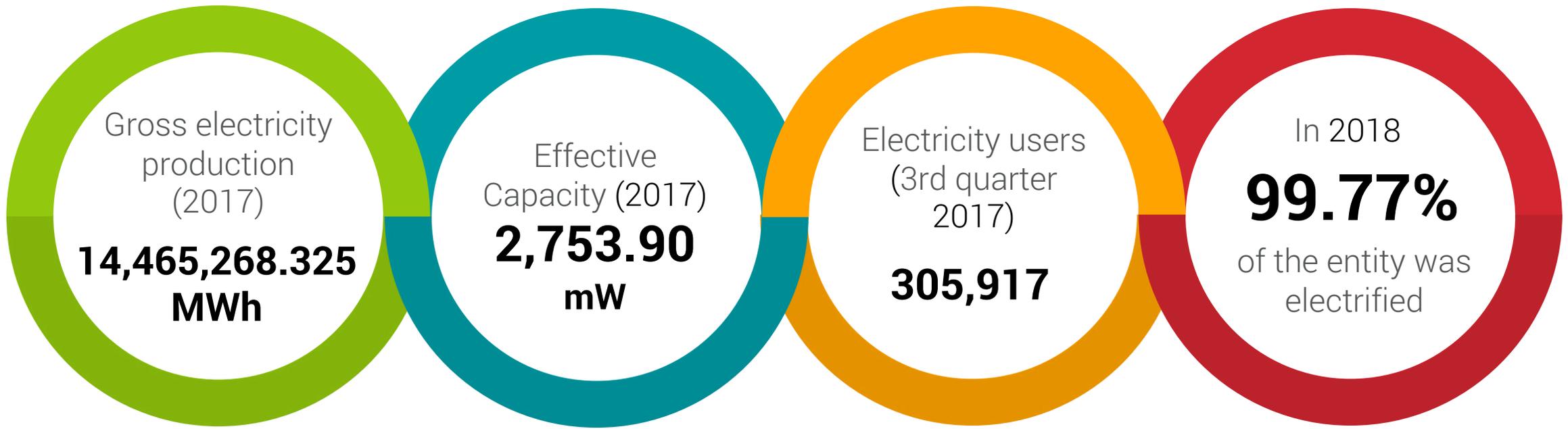


Infrastructure

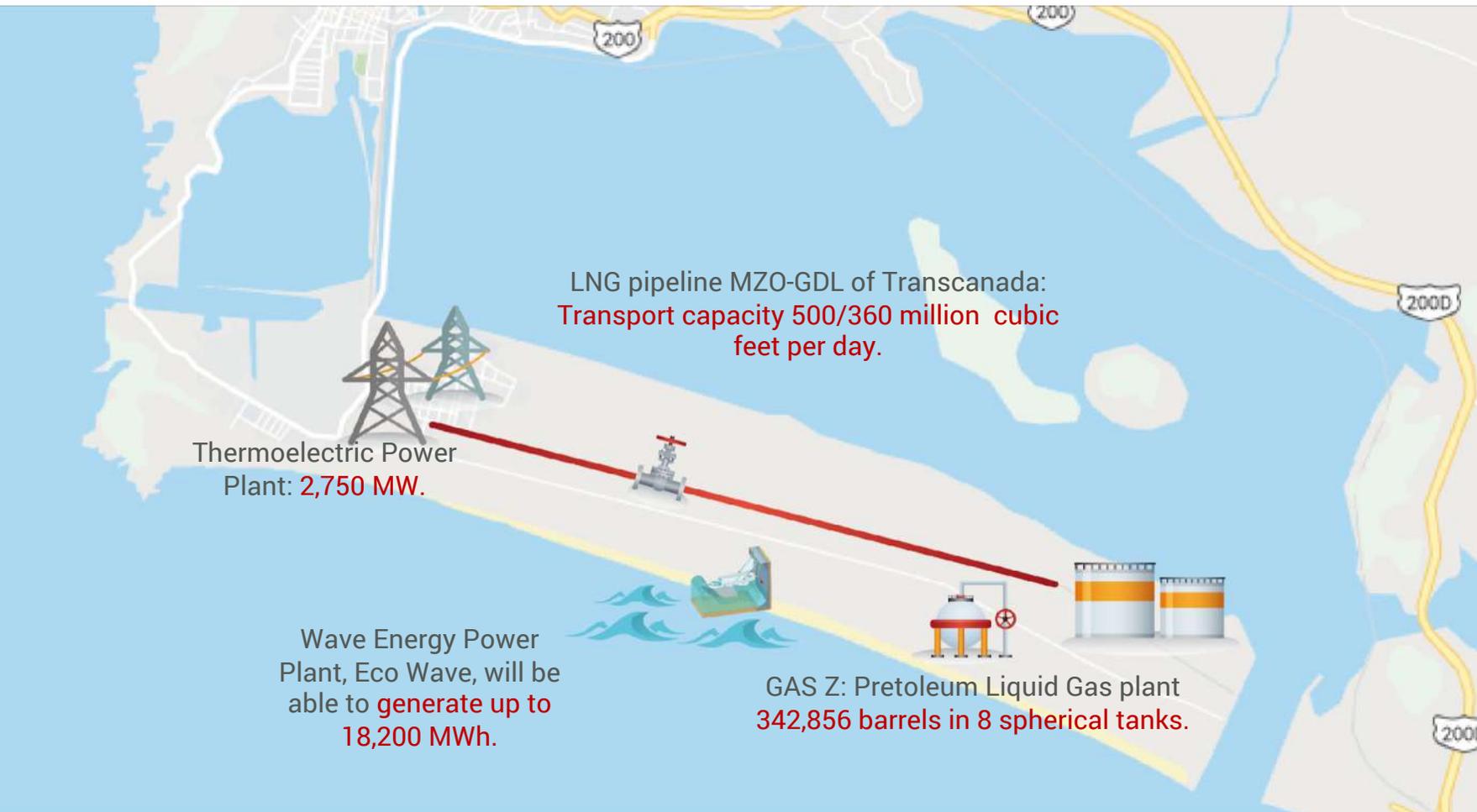




Energy



Energy Cluster



The area that houses the regasification plant "KMS", the gas storage terminal L.P. of Grupo "Z Gas" and the CFE Thermolectric plant for its vocation, is named "Cuyutlán Clúster Energético".



Communications and Transport

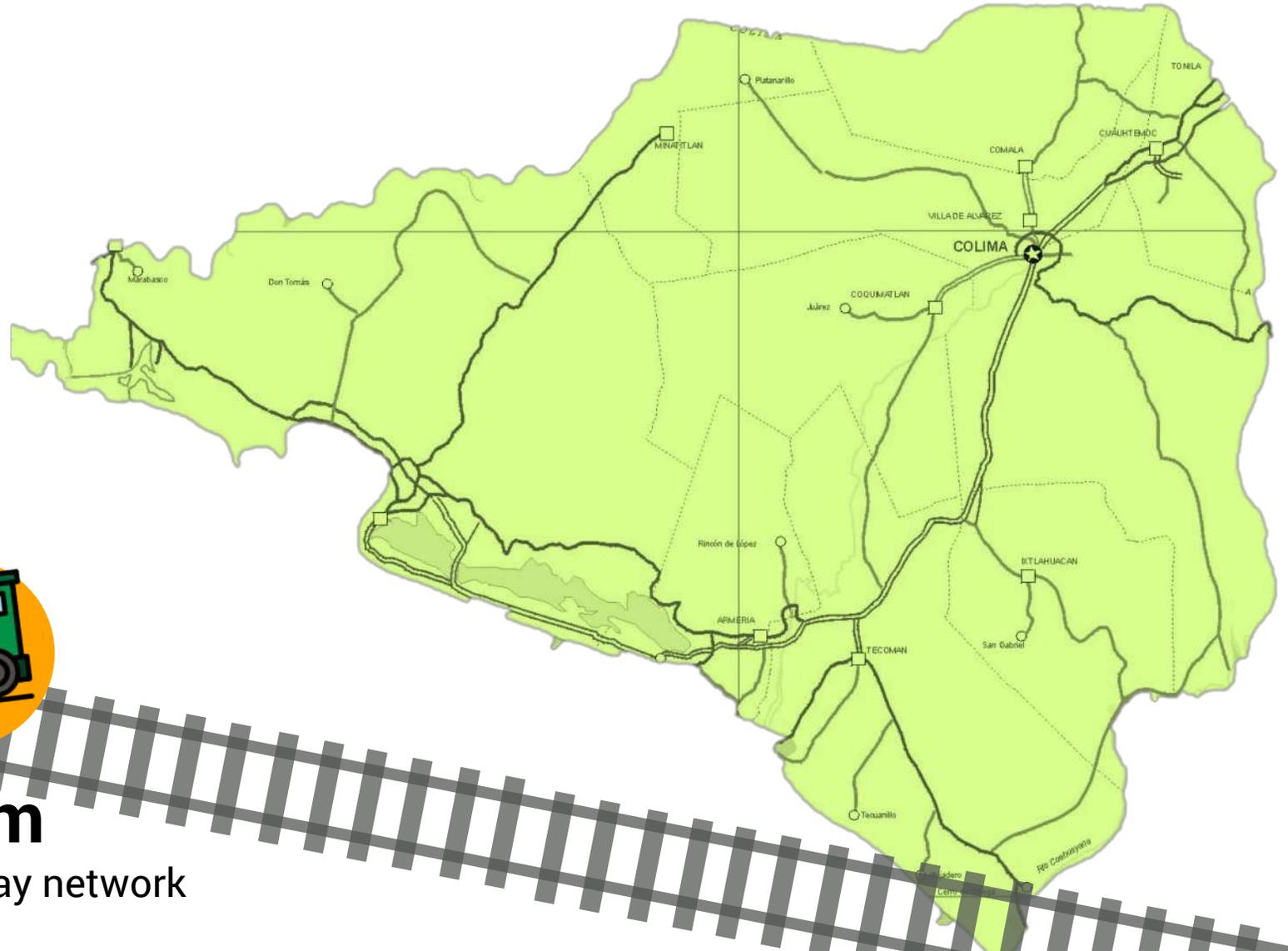
2,854 Km

Length of the road network



256 Km

Length of the railway network





Logistic and Commercial Corridor

MANZANILLO - LAREDO

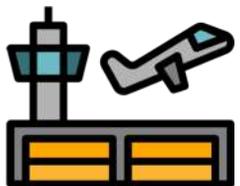




Air Transport



NATIONAL DESTINATIONS
Mexico City and Tijuana
NATIONAL AIRPORT
Located 22 km from
Colima city
(15 min)

INTERNATIONAL AIRPORT
Located 136 km from
Colima city
(1h 20min)
INTERNATIONAL DESTINATIONS
Houston, Phoenix, Los Angeles,
Minneapolis, Edmonton,
Vancouver, Toronto and
Calgary.

Operations (2018)
6,515

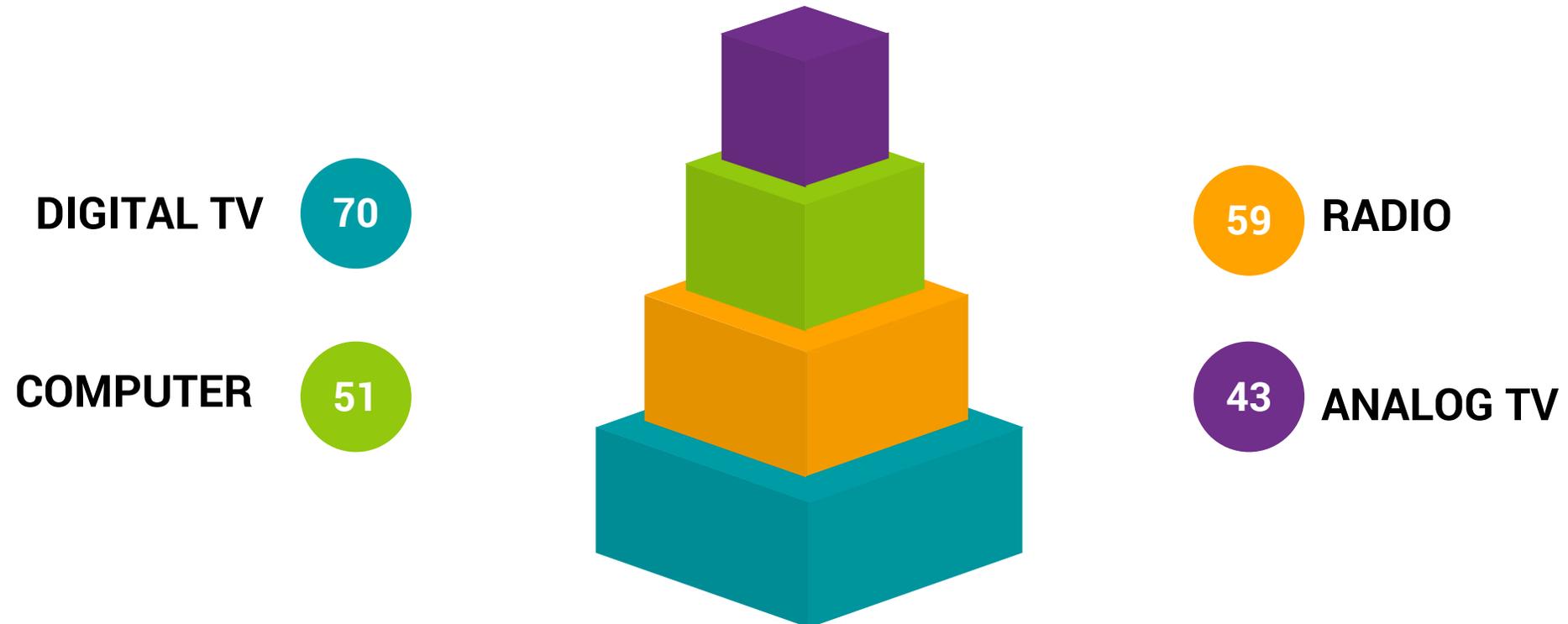
Passengers attended (2018)
155,966





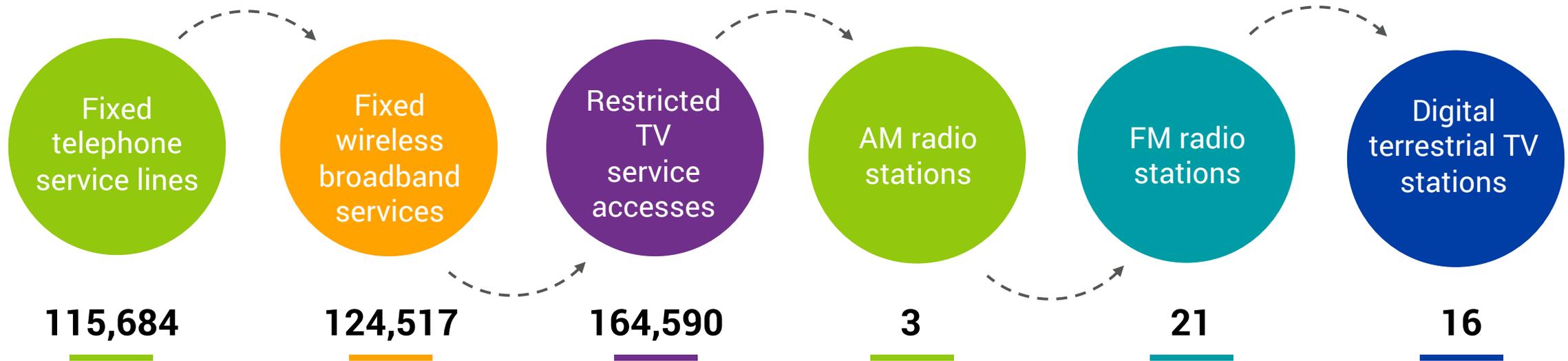
Telecommunications

ICT availability by every 100 homes in Colima





Availability of ICTs in Colima



ICT Users in Colima



Computer
326,997



Internet
467,961



Cell Phone
528,347



Mobile internet connection using a smartphone
438,555

Sources:

- INEGI. Sistema de Cuentas Nacionales de México. Febrero 2019.
- INEGI. Encuesta Nacional de Ocupación y Empleo. Febrero 2019.
- INEGI. Directorio Estadístico Nacional de Unidades Económicas. Febrero 2019.
- INEGI. Encuesta Nacional sobre Disponibilidad y Uso de Tecnologías de la Información en los Hogares 2017. Febrero 2019.
- SCT. Dirección General de Carreteras. Febrero 2019.
- SCT. Dirección General de Transporte Ferroviario y Multimodal. Febrero 2019.
- SCT. Dirección General de Aeronáutica Civil. Febrero 2019.
- Sistema de Información Energética. Febrero 2019.



Port of Manzanillo





Storage Capacity

The port has a static capacity of **52,812 TEU's**.
3,078,505 TEU's, 44.1% of the country 2018



SCT

SECRETARÍA DE COMUNICACIONES
Y TRANSPORTES





National Zone of Influence

The Port of Manzanillo is connected to the interior of the country through the railway and road network.

City	Road Distance	Railway Distance
Aguascalientes	555 Km.	834 Km.
Guadalajara	300 Km.	355 Km.
Pantaco (México D.F.)	791 Km.	960 Km.
Monterrey	1,086 Km.	1,380 Km. via Celaya
Querétaro	660 Km.	703 Km.
Nuevo Laredo	1,310 Km.	1,645 Km. via Celaya
Mexicali	2,235 Km.	2,506.5 Km.
Nogales	1,955 Km.	2,118.5 Km.
Piedras Negras	1,580 Km.	2,119.2 Km.
Ojinaga	660 Km.	703 Km.
Cd. Juárez	1,849 Km.	2,222 Km.
Altamira	1,094.74 Km.	1,342 Km.
León	517 Km.	661 Km.
Silao	559 Km.	628 Km.
San Luis Potosí	667 Km.	1,058 Km.
Saltillo	1,019.35 Km.	1,750 Km.
Veracruz	1,252 Km.	1,409 Km.
Salamanca	586 Km.	618 Km.

International zone of influence

North America

- USA
- Canada

Central America

- Panama
- Costa Rica
- Guatemala
- El Salvador
- Nicaragua

South America

- Colombia
- Chile
- Peru

Asia

- China
- Japan
- India
- Philippines
- Vietnam
- South Korea
- Malasia
- Indonesia
- Birmania
- Cambodia
- Sri Lanka
- Pakistan

Oceania

- Australia
- New Zealand

Europe

- Spain
- Germany

Communication routes



The port maintains commercial relation with.

57 exportation ports

67 importation ports

35 Shipping Lines.

Ferromex, the railroad with the largest network in México, covering 80% of the country, also, Manzanillo is connected with 3 ports in the Pacific, 3 in the Gulf of Mexico and with the entire rail network in the United States and Canada.

Manzanillo is connected to the entire highway network of the country through **the Manzanillo-Guadalajara 4-lane road network** that allows a fluid connection with the rest of Mexico.

Infrastructure

The port area **consists of 437 hectares**, which include water areas, docks, and storage.

Currently, it has **23 berths**:

- 17 commercial
- 3 for hydrocarbons
- 2 for tourist cruises
- 1 liquefied natural gas

Divided into three polygons, being **the polygon number 2 the one with the greatest development.**

For the eviction of the goods that move through the Port, Manzanillo **has 6.20 kilometers of internal roads and 24.70 kilometers of railways**, these, allow the proper and safe evacuation of the cargo that transits those areas.

Type of Surface	Surface (m ²)
Roof coverd	26,547
Patios	566,448
Sheds	1,514
Silos	95,000 (tons)

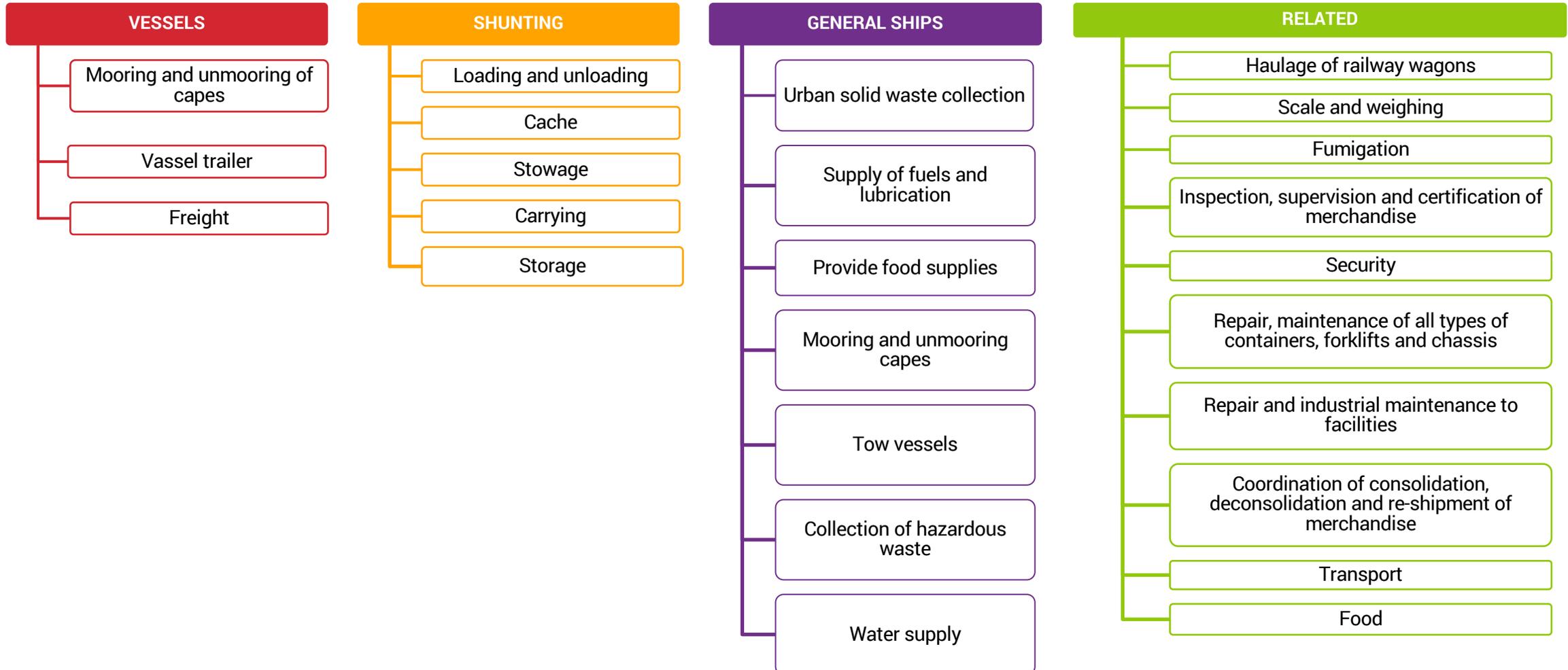


Infrastructure

- A Maximum official draught of 15 meters.
- Capacity for ships of up to 9,200 TEUs or 100 thousand tons of ore.
- Loading/Unloading capacity of up to 45 containers per hour/crane.
- 9 Custom review modules in the area of San Pedrito and to in the north zone.
- Average fluidity eviction of the merchandise of 100 units per hour.
- 2 terminals specialized in containers with super post-panamax cranes.
- 2 specialized installations for handling minerals with a discharge capacity of 2 thousand tons per hour.
- 2 refrigerators for consolidation, deconsolidation, transfer, fumigation, phytosanitary inspection, refrigeration, and freezing.
- Capacity to receive 2 cruises of up to 300 meters in length in the touristic dock located in the Historical center.
- Customs equipped with a non-intrusive gamma ray review system.
- 2 multipurpose facilities.
- Railroad tracks to the interior of the Port area of 29,511 meters.
- 10,775 meters of internal roads.



Port Services



Terminals in Port Installations

- Operadora de la Cuenca del Pacifico, S.A de C.V.
- Frigorífico de Manzanillo, S.A. de C.V.
- Cemex México, S.A. de C.V.
- Corporación Multimodal, S.A. de C.V.
- Granelera Manzanillo, S.A de C.V.
- Terminal Internacional de Manzanillo, S.A. de C.V. (TIMSA).
- Cementos Apasco, S.A. de C.V.
- Comercializadora la Junta, S.A. de C.V.
- Contecon Manzanillo, S.A. de C.V.
- Muelle Turístico
- SSA México, S.A. de C.V.
- PEMEX
- Exploración de Yeso, S.A. de C.V.
- Administrador Portuario
- Mar Frigo, S.A. de C.V.

Main Shipping Lines

- Ocean Network Express Shipping México (ONE)
- Mediterranean Shipping Company México (MSC)
- Hapag-Lloyd
- Maersk Line
- Cosco Shipping Line
- Hamburg Sud Line (HSD)
- Evergreen Marine
- Hyundai Merchant Marine
- Yang Ming Line
- Pacific International Lines.



Security | Ecology



Security is constituted as an integral system, designed to safeguard the integrity of persons, installations, merchandise and Maritime-Port operations, in accordance with the International Ship and Port Facility Security (ISPS) Code (Código PBIP), supported with the implementation of cutting-edge technology integrated by Closed-Circuit Television Camera (CCTV), access control system and tactical equipment for staff.

First clean port of Mexico, certified by the environmental authority. It has all the port terminals certified in environmental quality.

Norms: ISO 9001:2015, ISO 14001:2015 y OHSAS 18001: 2007.

Paperless Port

- 3,317 users.
- Simple and agile digital processes
- Flexible and transparent cargo traceability services.

Port Relations





Economic Indicators





Gross Domestic Product



\$6,554,564,102 USD
at constant prices 2017

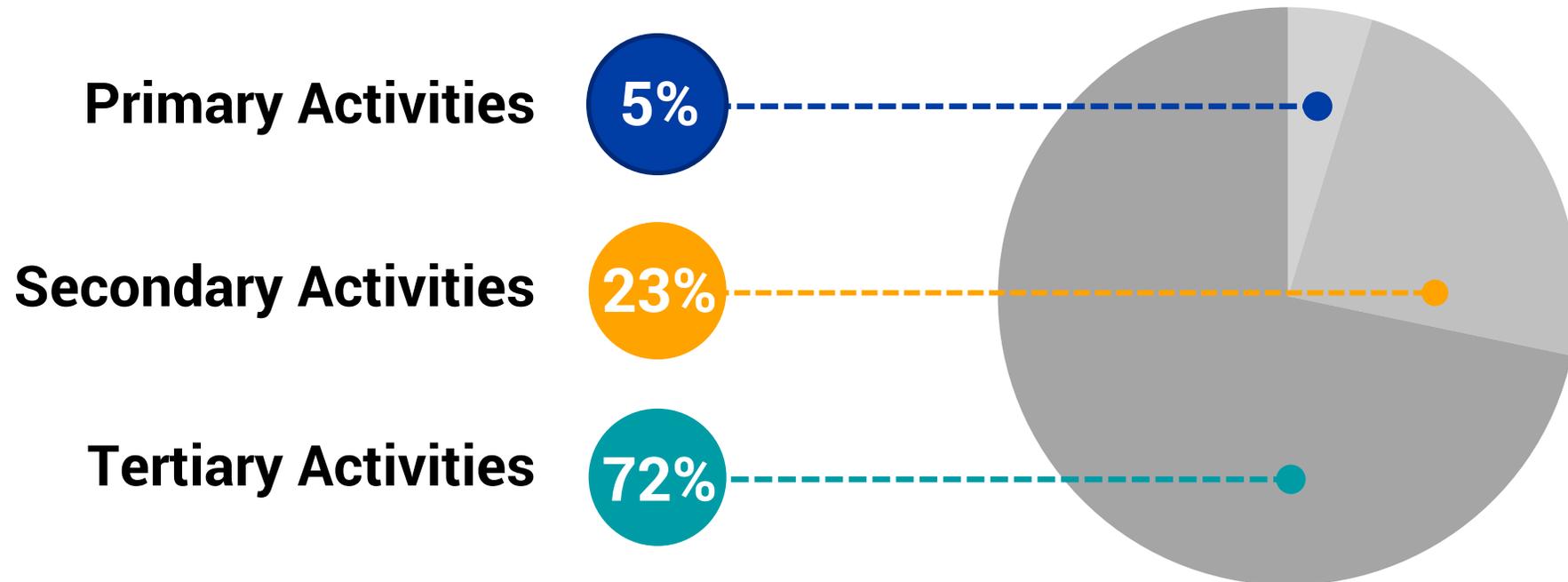
Employment

EMPLOYED 372,207

INSURED 134,121



2017 GDP by economic sector.



Primary Activities

FORESTRY
USE



4.5%



FISHING
AND
HUNTING



AGRICULTURE



BREEDING AND
FARMING
ANIMALS



Agriculture / Livestock

3,642,664 tons
of agricultural and
fishing production 2018



Agriculture / Livestock

43,750
hectares
technified with
irrigation
system



Secondary Activities



MINING
1.5%



MANUFACTURING
INDUSTRIES
3.9%

GENERATION, TRANSMISSION AND
DISTRIBUTION OF ELECTRIC ENERGY,
WATER AND GAS SUPPLY

7.1%

CONSTRUCTION
11.1%



Mining

(nov 2018)



1st Place
Pellet producer
223,799 tons.



2nd Place
National
production of
Iron
207,974 tons.

With a **total national of 31.8%**, it is the **largest iron mineral reserve.**



Economic units of the
sector 2018

2,784

Manufacturing

Manufacturing industries represent **3.9% of 2017 GDP**, with the highest prevalence within the Food Industry with **2.9%**

Tertiary Sector Activities

COMMERCE

4.5%



EDUCATION
SERVICES

4.7%

LEGISLATIVE, GOVERNMENTAL AND JUSTICE
ACTIVITIES, AS WELL AS INTERNATIONAL AND
EXTRATERRITORIAL ORGANIZATIONS

5.3%

REAL ESTATE SERVICES AND HOTEL
RENTAL UNITS AND INTANGIBLE
ASSETS

12%

TRANSPORTATION,
POST AND STORAGE

11%



OTHER

15.6%

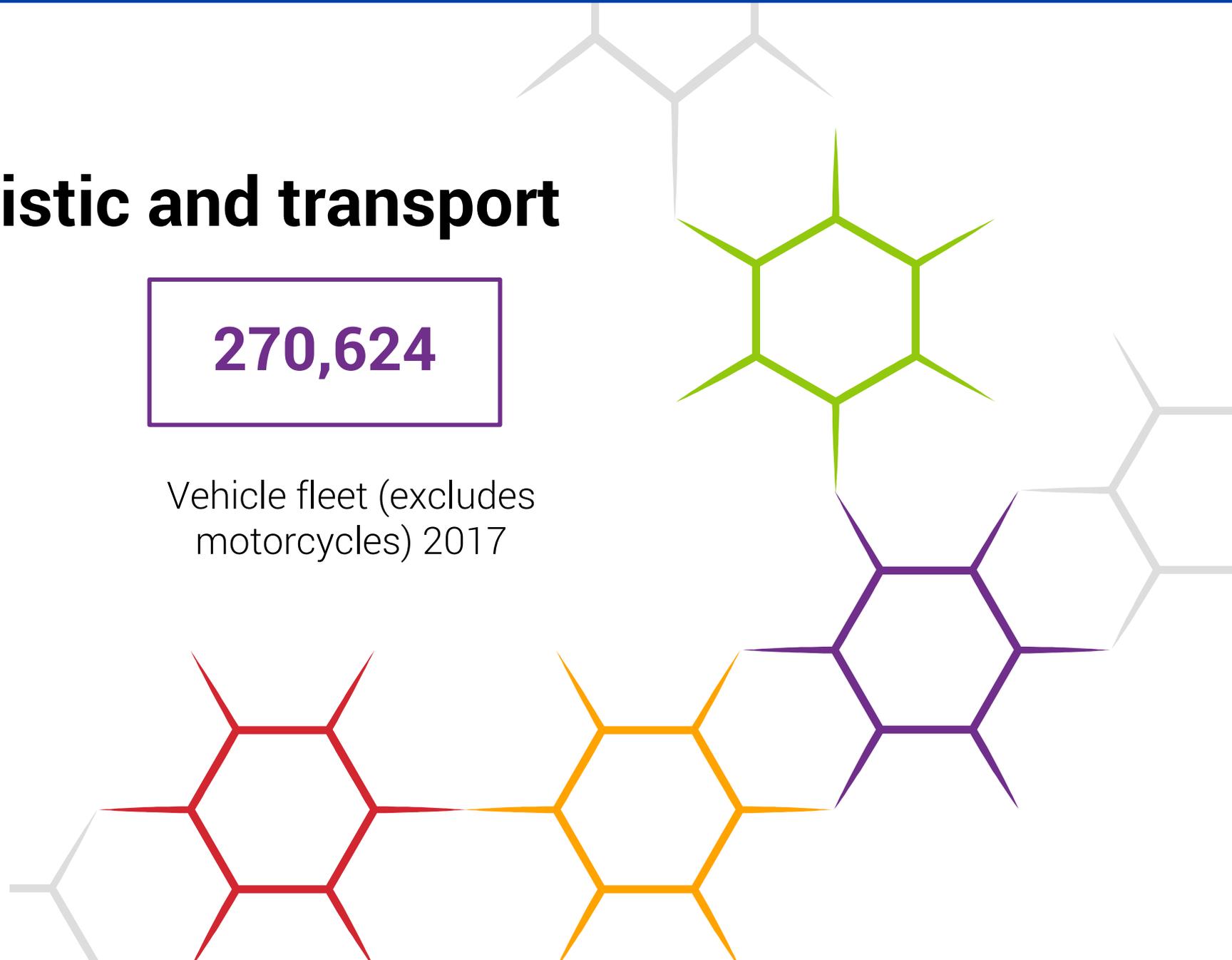
Storage, logistic and transport

11.0%
of GDP 2017

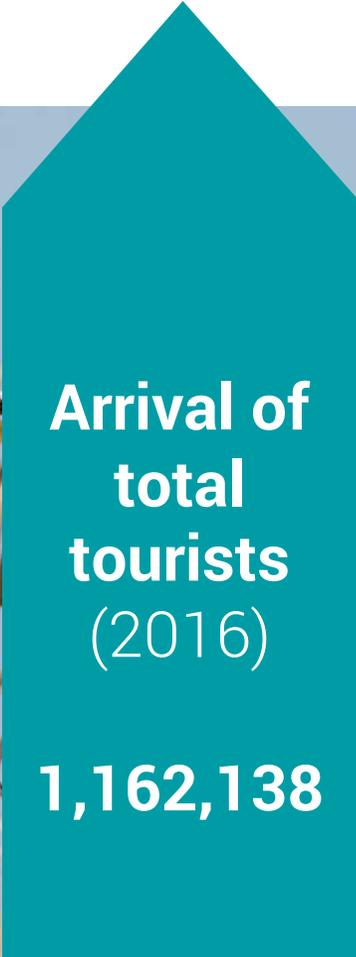
Represents activity of Transportation, post and storage, being the fourth with the highest percentage participation just behind Construction.

270,624

Vehicle fleet (excludes motorcycles) 2017



Turism



**Arrival of
total
tourists
(2016)**

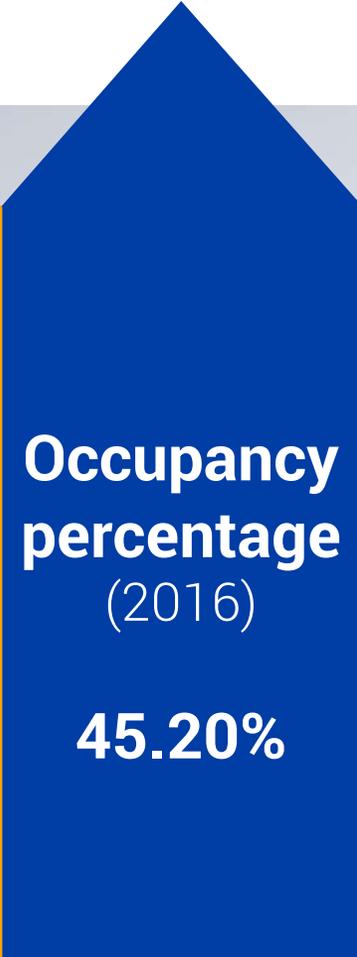
1,162,138



**Arrival of
tourist by
category
(2016)**

**National
1,117,878**

**International
44,260**



**Occupancy
percentage
(2016)**

45.20%



**Hosting
places
(2018)**

313



**Places
serving food
and
beverages
(2018)**

5,068





Development and Technology transfer

Number of
researchers
SNI 2017

296

Invention applications
(january-september 2018):

- Patents **2**
- Industrial designs **5**
- Utility models **2**



Quality of Life

Leadership in Human Development

Human Development
Index (2010)

0.85





Education

Education system of Colima, School year 2016-2017

	Students	Teachers	Schools
Total	199,485	7,676	1,073
Basic education	140,293	7,676	1,073
Preschool education	24,854	1,229	406
Elementary education	77,776	3,243	486
Middle School	37,663	3,204	181
High School	29,032	3,043	191
University education	21,725	2,857	53
Average education level		Colima 9.6%	Nacional 9.3%
Illiteracy		Colima 3.1%	Nacional 4.7%



Public Services

Particular housings
inhabited (2015)

205,243

98.9%

Percentage of housings
with drainage (2015)

Percentage of housings
with piped water

98.8%

2.9%

Percentage of housings with
solar heater (2015)

Percentage of housings
with electricity (2015)

99.4%

0.4%

Percentage of housings with
solar panel (2015)

Public lighting (2016) **1,781**



Entertainment





Business Opportunities



MINING

Extraction

- Extraction of metallic and non-metallic minerals

Processing

- Fabrication of drywall.
- Fabrication of ceramic/or stone facing for the construction industry.
- Steel companies.

WAREHOUSING, LOGISTICS, AND TRANSPORTATION

Specialized transport

- Handling of containers.
- Handling of perishables.
- Handling of general cargo.

Parking services for transport carriers warehousing

- Yards.
- Refrigerated chambers.
- Equipped multi-purpose warehouses.
- Container storage.

AGRICULTURE AND LIVESTOCK

Agriculture

- Vegetable harvesting
- Tropical fruit harvesting
- Harvesting of ornamental plants
- Harvesting of tropical hardwoods

Fisheries

- Pre-cooled modular units
- Tropical fruit processing and packaging plants
- Distributors

TOURISM

Hotels

- Conventional hotels
- Executive hotels
- Eco-tourism

Services

- Convention centers
- Theme parks
- Restaurants
- Travel Agencies

Energy

- Construction of gas distribution systems (Supply and distribution of natural gas).
- Electric.
- Solar energy

Information Technologies

- Software development.
- Service providers.

Industrial equipment

- Industrial parks.

Services

- Shopping malls.
- Private hospitals.
- Residential developments.
- Country home developments.
- Franchise developments.

Technological development and sharing

- Development of alternative energy sources.
- Information Technology and telecommunications.
- Logistics.
- Agro-biotechnology.



Export Products





Products	Certifications
Banana	- Global GAP - Mexico Supreme Quality - GMP - Primus GFS - SENASICA
Plantain (Platano macho)	- Mexico Supreme Quality - Primus GFS - SENASICA
Organic Banana	- Global GAP - Japanese Agricultural Standard of Organic Products - SENASICA
Blackberry	- Global GAP - Tesco
Blueberry	- Global GAP - Primus GAP - Primus GFS
Mexican lime	- C-TPAT - Global GAP - Mexico Supreme Quality - Primus GFS - SENASICA - GMP - Japanese Agricultural Standard of Organic Products - Kosher
Persian lime	- C-TPAT - Global GAP - Mexico Supreme Quality - Primus GFS - SENASICA

Products	Certifications
Mango	- Global GAP - Mexico Supreme Quality - HACCP
Honeydew melon	- Global GAP - HACCP
Watermelon	- FDA - Primus GFS - Global GAP - HACCP
Papaya	- GAP - Global GAP - Mexico Supreme Quality - GMP - FDA - Primus GFS - HACCP - SENASICA
Pineapple	- Global GAP - Mexico Supreme Quality - C-TPAT - Primus GFS - SENASICA
Coconut	- Global GAP, - Mexico Supreme Quality - C-TPAT - Primus GFS - SENASICA - HACCP - Kosher - US National Organic Products

Products	Certificaciones
Cherry tomato	- Primus GFS - SENASICA - HACCP
Roasted coffee	- Kosher
Cucumber	- Primus Lab - SENASICA
Tuna	- ISO 9001-2015 - FDA - HAJAL - ESR - Kosher - BRC - HACCP - MSC





Processed Products

Products	Certifications
Coconut cream	<ul style="list-style-type: none"> • HACCP • GMP • Kosher • USDA NOP EU (Organic)
Coconut oil	<ul style="list-style-type: none"> • Kosher • US national Organic Products (NOP)
Dehydrated coconut	<ul style="list-style-type: none"> • HACCP • GMP • Kosher • USDA NOP EU (Organic) • FDA
Coconut fiber substrate	•
Tamarind pulp	•
Lemon powder	• Kosher
Frozen concentrated mexican lemon juice	<ul style="list-style-type: none"> • Global GAP • Primus Lab • Kosher • Halal
Frozen concentrated persian lemon juice	<ul style="list-style-type: none"> • Global GAP • Primus Lab • Kosher • Halal • Japanese Agricultural Standard of Organic Products
Frozen melon	• Safe Quality Food (SQF) level II
Frozen papaya	• Safe Quality Food (SQF) level II



Diverse products



Products	Certifications
Oncidium orchid	- Global GAP
Dendrobium orchid	- Global GAP
Salt	- Kosher
Flower of salt (fleur de sel)	- Mayacel - Kosher



Primary crops

No.	Crop	Surface(ha)	Production(ton)	\$ Net worth (2018) usd
1	Avocado	725.25	5,385.37	\$3,949,271.33
2	Rice	3125	18,221.64	\$4,204,993.85
3	Blueberry	306.5	2,188.00	\$7,854,358.97
4	Coffee	2,332.83	2,710.35	\$1,181,435.64
5	Sugar cane	12,971.71	1,133,016.01	\$44,158,572.70
6	Serrano chile	547	14,631.12	\$11,254,707.69
7	Coconut	14,811.40	18,206.30	\$4,668,282.05
8	Corn cob	1,697.03	26,008.57	\$5,335,091.28
9	Lemon	19,321.65	230,000.00	\$92,000,000.00
10	Mango	3,802.00	39,113.21	\$6,017,416.92
11	Corn grain	11,031.00	39,113.21	\$9,427,286.51
12	Cantaloup	704	25,089.00	\$6,433,076.92
13	Papaya	2,516.39	108,996.57	\$78,253,947.69
14	Cucumber	432	12,041.85	\$6,175,307.69
15	Pineapple	380.82	25,577.40	\$3,934,984.62
16	Banana	5,567.50	179,819.65	\$19,973,813.43
17	Watermelon	638	25,586.50	\$11,809,153.85
18	Tamarind	2,021.59	9,247.30	\$3,319,543.59
19	Blackberry	131	1,525.25	\$2,894,064.10
	Total			\$322,845,308.85



Industrial Costs





Water

Water tariff 2017 (USD/m³)

Domestic	Commercial	Industrial
0.300	0.401	0.401

Potable water tariff and sanitation for domestic use residential type 2017 (USD/m³)

Fixed Charge	Water fee minus fixed charge	Drainage and/or sanitation fee	Total
0.02	0.28	0.0749	0.3749



Energy

GDMTO Tariff Central West Region

Great demand in ordinary medium voltage

Fee	Units	January 2019
Fixed	\$USD/month	20.291
Variable	\$USD/KWh	0.063
Distribution	\$USD/KW	7.692
Capacity	\$USD/KW	13.389

GDMTH Central West Region

January 2019

Great demand in ordinary medium voltage

Int. schedule	Charge	Units	January 2019
-	Fixed	\$USD/month	20.291
Initial	Variable (energy)	\$USD/KWh	0.048
Intermediate	Variable (energy)	\$/USDKWh	0.085
Punta	Variable (energy)	\$USD/KWh	0.096
-	Distribution	\$USD/KW	7.692
-	Capacity	\$USD/KW	17.643



Petroleum

Public Prices of petroleum products at national level 2018 (\$USD/liter)

Liquified Gas	Automotive Gasolines		Jet Fuel	Pemex diesel	Fuel Oil
	Magna	Premium			
0.992	0.985	1.061	0.672	1.058	0.369



Wages

Average income
wage IMSS
(2018)

Colima

\$15.2 USD/day

Nacional

\$18.17 USD/day

Minimum Wages (daily)

Minimum Wages (daily)	
Geographical area	Valid from January 2019
General	\$5.266 USD
Northern Border area	\$9.063 USD

A close-up photograph of a person's hands holding a small green plant with soil. The person is wearing a yellow shirt with the name 'COLMAN' visible. The background is blurred, showing a wooden fence and some greenery. A semi-transparent dark grey horizontal band is overlaid across the middle of the image, containing the word 'Projects' in white text.

Projects

Technological Park CLQ



The Technopark houses two laboratories, managed by the University of Colima.



Agrobiotechnology Lab

Research to increase productivity, reduce cost, healthier products, reduce health risk by chemical use and techniques to protect the environment in the region.



Anechoic Lab

Anechoic chamber to test radiofrequency products. The largest public facility in LATAM.



PARK

of Science, Technology and Innovation
of the State of Colima, Mexico



Infrastructure



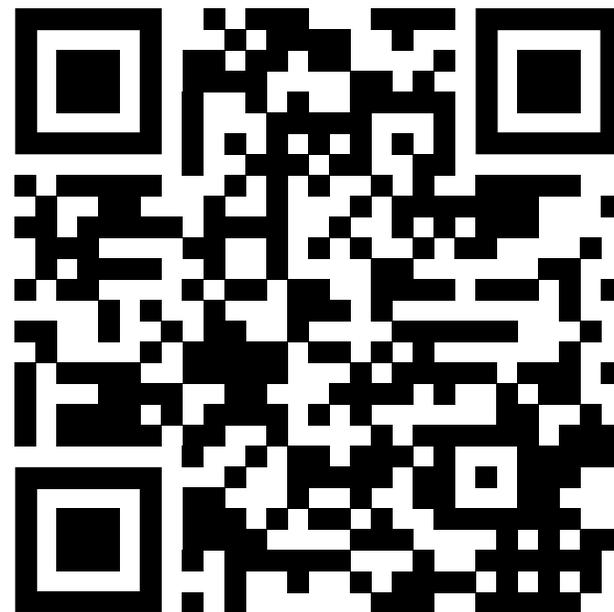
Innovation



Investment



Linking



www.investincolima.col.gob.mx

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Secretaria de Desarrollo Social (SEDESCOL)

Complejo Administrativo de Gobierno del Estado
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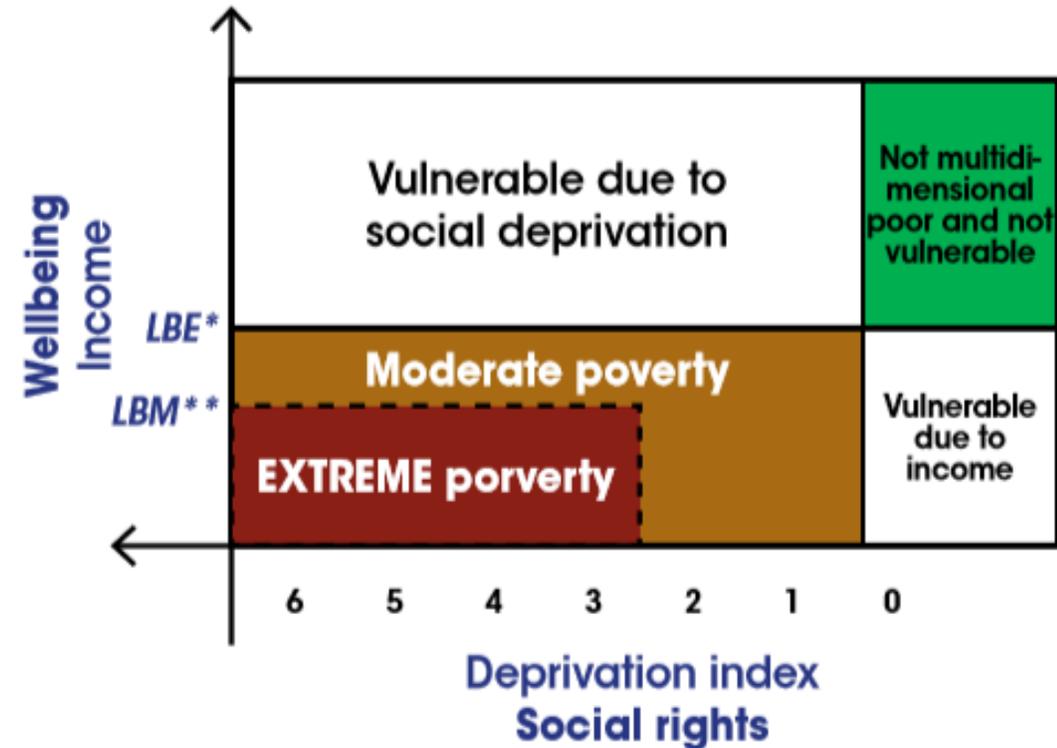
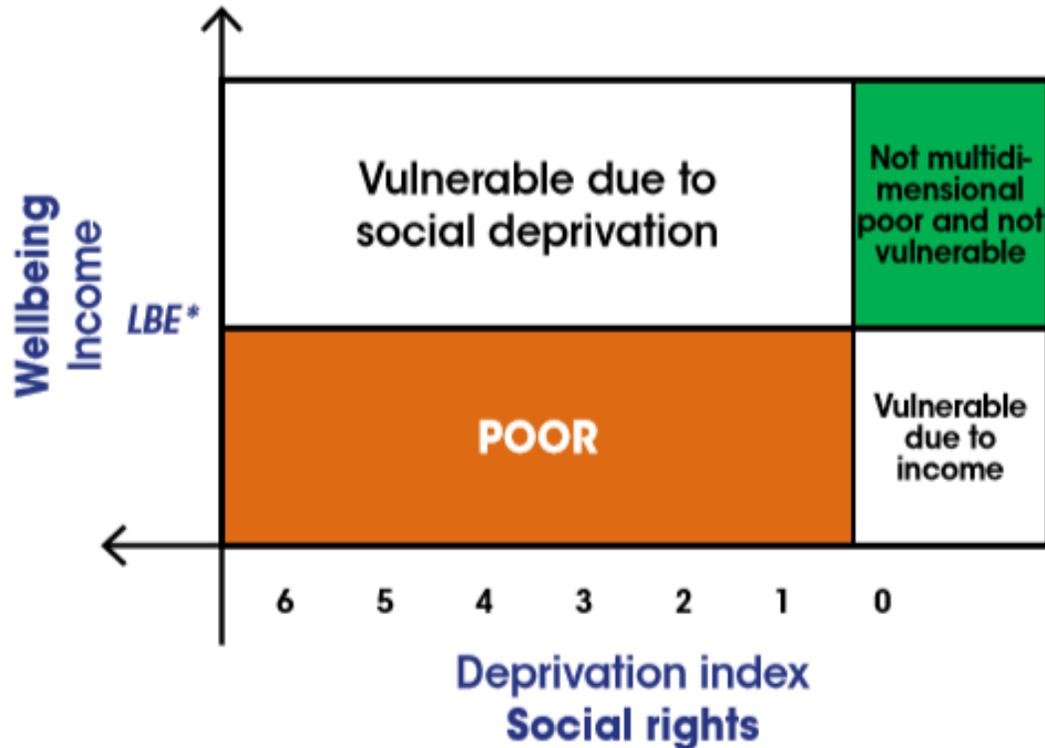
EVOLUTION OF THE POVERTY INDICATORS IN COLIMA

1.- Multidimensional Poverty Index

- ✓ **Poverty** is a multidimensional phenomenon which comprises aspects related to living conditions that threaten the dignity of people, limit their rights and freedoms, prevent the fulfillment of their basic needs and hamper their full social integration.
- ✓ **Approach:** economic wellbeing and social rights. This identifies the poor as the population lacking both, sufficient economic resources and basic access to **social rights**.
- ✓ **Classification of poverty:**
 - The multidimensional poor are those who are deprived in at least one of the social dimensions and whose income falls below the wellbeing threshold (LBE, Línea de Bienestar Económico), calculated as the income needed to afford basic food and non-food baskets of goods and services.
 - Extreme poverty is defined as having simultaneously an income below the cost of the basic food basket (minimum wellbeing threshold) and three or more social deprivations. These represent the poorest of the poor, who must be prioritized by state policies- given their greater needs and precarious conditions.

1.- Multidimensional Poverty Index

Identification of poverty



*LBE: Wellbeing Threshold

**LBM: Minimum Wellbeing Threshold

1.- Multidimensional Poverty Index

Income



Education Lag



Access to health services



Access to social security



Access to food



Housing quality and space



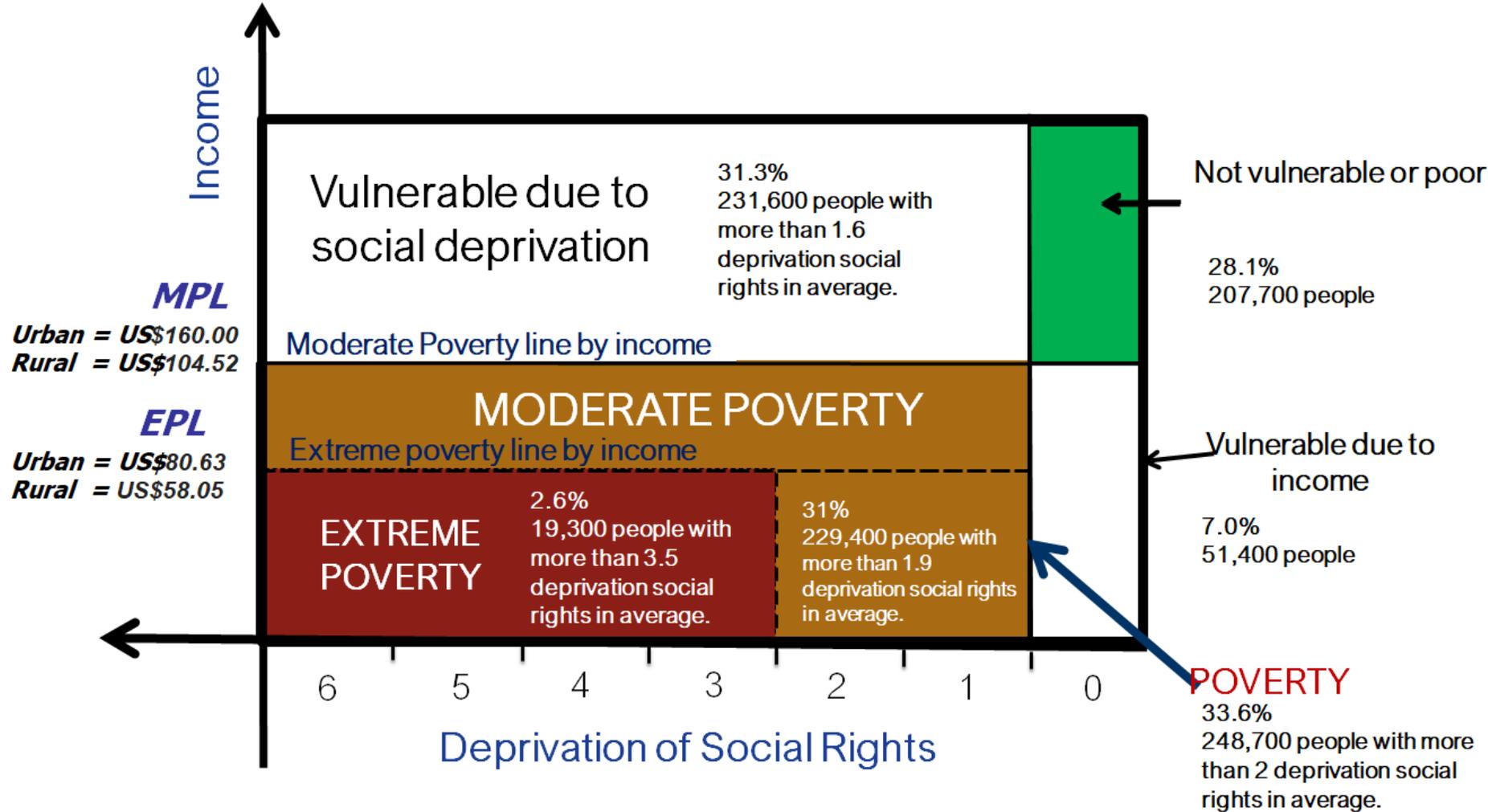
Access to basic housing services



Degree of social cohesion



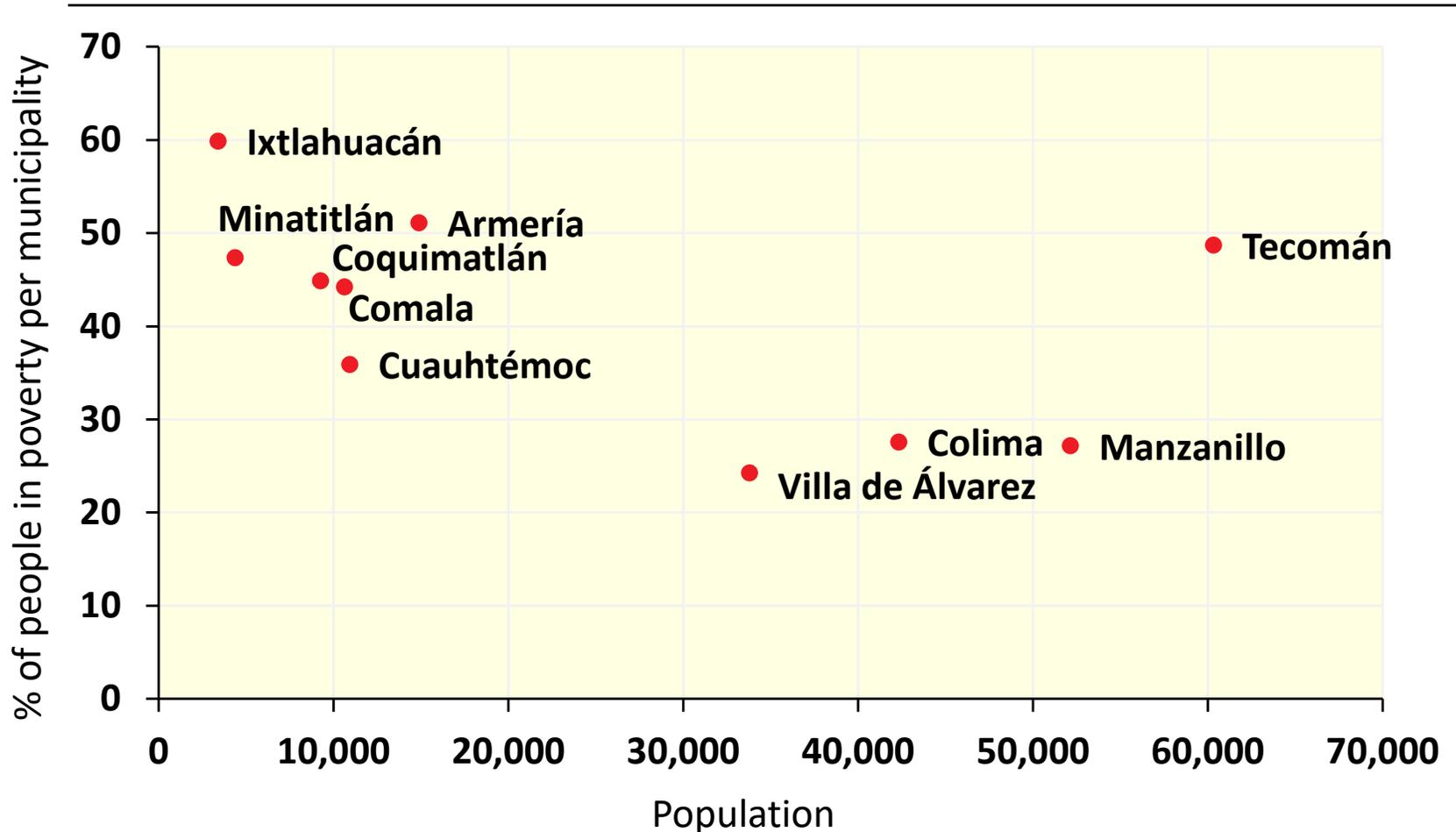
1.- Poverty Evolution in Colima



*Elaboración propia con datos de CONEVAL (2017) e IMSS (Julio, 2018).

1.- Poverty Evolution in Colima

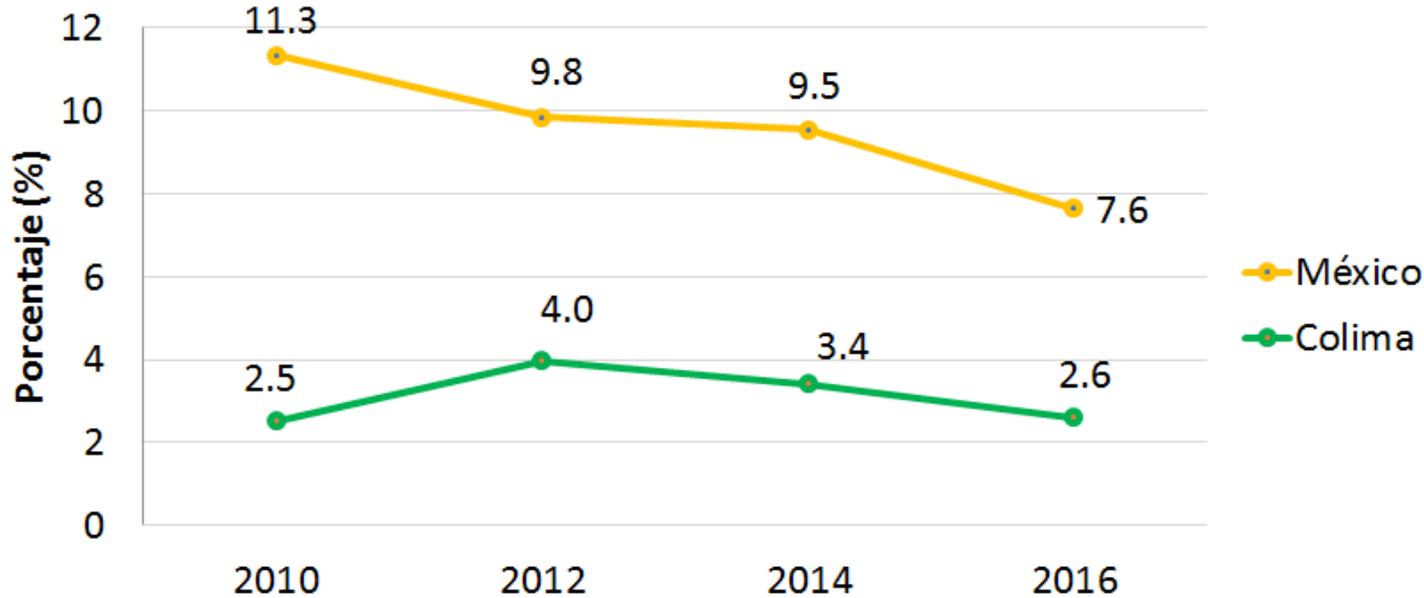
Location of People living in Poverty per Municipality
(By thousands of people and percentage)



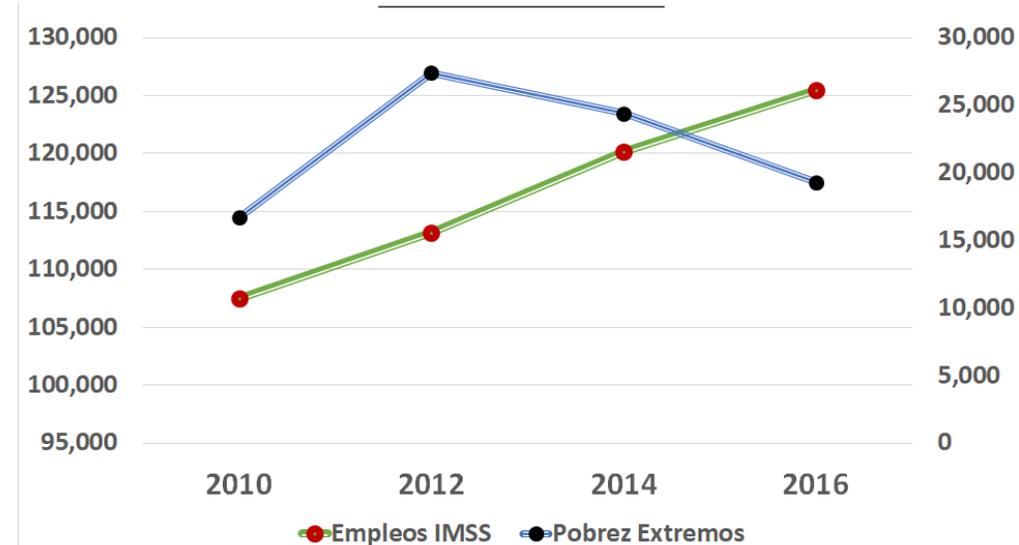
*Elaboración propia con datos de CONEVAL (2017) e IMSS (Julio, 2018).

1.- Poverty Evolution in Colima

Evolution of Extreme Poverty in Mexico and the State of Colima 2010-2016



Correlation: Extreme Poverty-Job Creation in the State of Colima 2010-2016



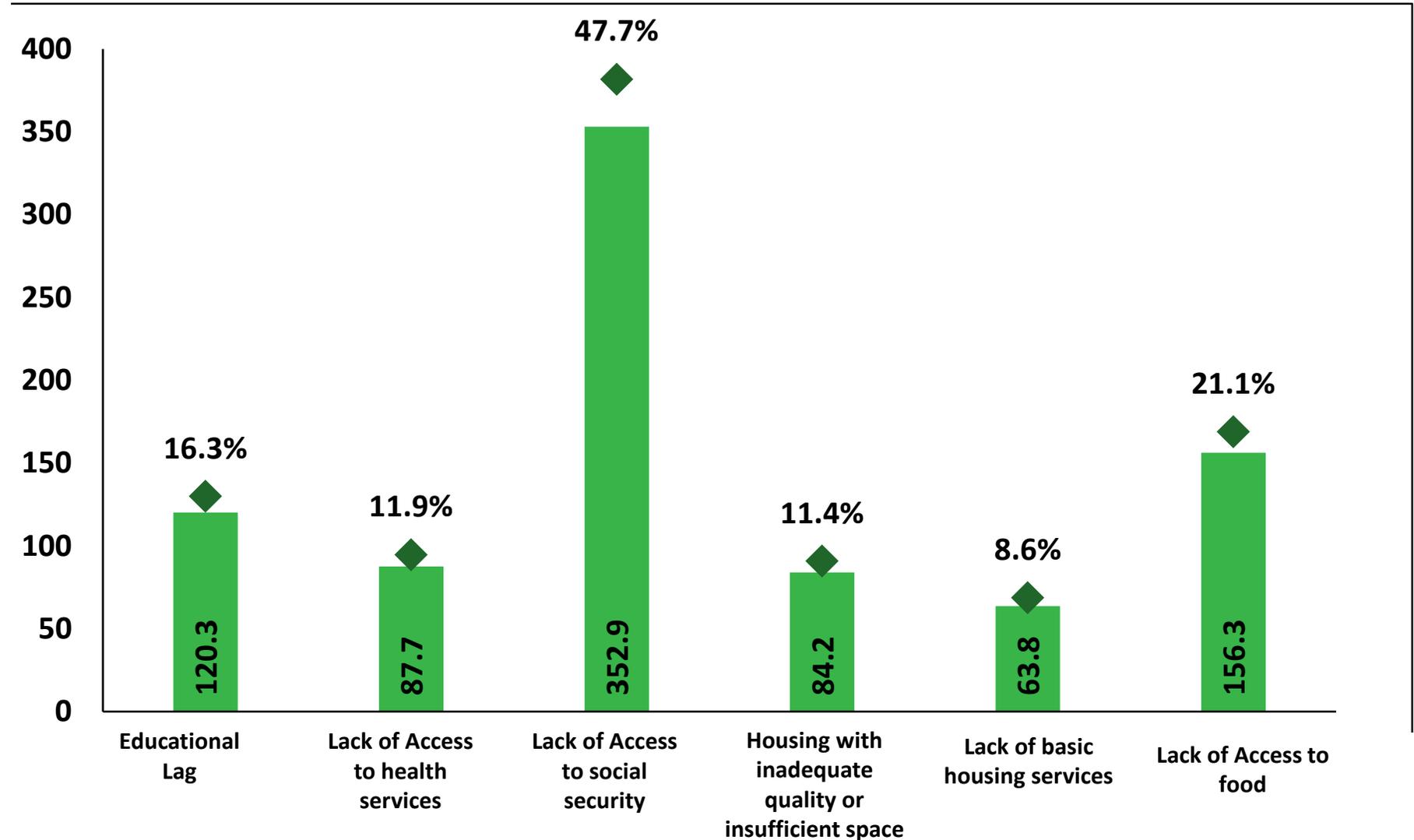
*Elaboración propia con datos de CONEVAL (2017) e IMSS (Julio, 2018).

2.- Colima's Major Challenge to Fight Poverty

The condition of being socially deprived for individuals reflects one or more of the following.

Priority groups in poverty are:

- ✓ The elderly (65+)
- ✓ People with disabilities
- ✓ Indigenous people
- ✓ Youth
- ✓ Women in rural areas



3.- Alianzas with Non-profit Organizations

Ahorros generados

Dr.Vagón
El Tren de la Salud

3,598 personas atendidas
Monto: \$2'878,400



3 funciones de cine gratuitas
1,300 infantes asistentes
Monto: \$ 143,800



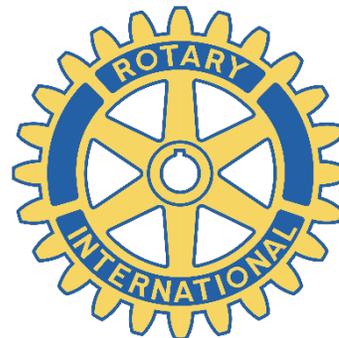
850 artículos de higiene/bebé
Monto: \$61,626

15 sillas de ruedas
Monto: \$108,000



Ahorros por convenio para compra de bienes
Monto: \$3'222,132.60

Ahorro:
\$6'413,958.60



ROTARIOS DE EU INVITAN A ALUMNOS DE LA U DE C A USAR EQUIPO DONADO



*Computadoras, pantallas, cañón proyector y plotters forman parte de lo que cedieron a la población de esa cabecera municipal

Cuatro representantes de clubes rotarios estadounidenses recorrieron el campus Coquimatlán de la Universidad de Colima, para invitar a alumnos del Bachillerato No. 18 y de las facultades de Ciencias Químicas, Ingeniería Mecánica y Eléctrica, Ingeniería Civil y Arquitectura y Diseño a hacer uso de las instalaciones y del equipo informático, académico y educativo que esas asociaciones donaron a la población coquimatlense.



Los dirigentes rotarios representan a las ciudades de Pasco, Kennewick y Richland, del estado de Washington, y su donación global es por más de 35 mil dólares, que provienen de fondos captados por el Columbia Center Kennewick Rotary Club y Tri-Cities Sunrise Rotary Club, bajo las gestiones realizadas por el Club Rotario de Coquimatlán.

La comitiva estuvo integrada por Brisa Fajardo, Carl Holder y Daryl Francis, fueron recibidos por el responsable de la Delegación Regional No. 4, Gerardo Cerrato Oseguera, quien, en representación del rector Miguel Ángel Aguayo López, les expresó su beneplácito y les dio las facilidades para conocer al estudiantado, las instalaciones y los programas educativos que la U de C ofrece a los jóvenes de esta cabecera municipal.

Gerardo Cerrato dirigió un mensaje a los visitantes en el cual dijo que "para nuestra universidad tiene gran significado que instituciones como los clubes rotarios internacionales tomen en cuenta a nuestros estudiantes y se les invite directamente para que hagan uso del equipo que ahora se inaugura en la cabecera municipal".



El funcionario universitario mostró a los visitantes los planteles y el Centro Universitario de Investigaciones en Ciencias del Ambiente, en donde los benefactores, además de conocer las instalaciones, establecieron contacto con los alumnos.

El equipo entregado por los norteamericanos consiste en dos plotters de avanzada tecnología que sirven para hacer impresiones digitales de enorme calidad y tamaño; doce equipos de cómputo completos, impresoras y reguladores, un equipo multifuncional, un cañón proyector con pantalla, una pantalla plana

Anexo 1: Colima's 2017 Poverty Results 2010-2016

Indicadores	Porcentaje				Miles de personas				Carencias promedio			
	2010	2012	2014	2016	2010	2012	2014	2016	2010	2012	2014	2016
Pobreza												
Población en situación de pobreza	34.7	34.4	34.3	33.6	230.3	237.2	244.9	248.7	2.2	2.1	2.1	2.0
Población en situación de pobreza moderada	32.2	30.4	30.9	31.0	213.5	209.8	220.6	229.4	2.0	1.9	1.9	1.8
Población en situación de pobreza extrema	2.5	4.0	3.4	2.6	16.7	27.4	24.4	19.3	3.7	3.7	3.6	3.5
Población vulnerable por carencias sociales	33.8	31.7	33.2	31.3	224.0	218.8	236.6	231.6	1.7	1.7	1.7	1.6
Población vulnerable por ingresos	4.9	6.3	6.4	7.0	32.4	43.2	45.3	51.4	0.0	0.0	0.0	0.0
Población no pobre y no vulnerable	26.7	27.6	26.1	28.1	177.0	190.1	186.2	207.7	0.0	0.0	0.0	0.0
Privación social												
Población con al menos una carencia social	68.4	66.2	67.5	65.0	454.3	456.0	481.6	480.3	1.9	1.9	1.9	1.8
Población con al menos tres carencias sociales	16.5	14.8	16.1	13.0	109.4	101.7	114.5	96.5	3.5	3.5	3.4	3.4
Indicadores de carencia social												
Rezago educativo	18.8	18.8	17.5	16.3	124.5	129.9	124.5	120.3	2.6	2.5	2.5	2.3
Carencia por acceso a los servicios de salud	16.4	14.6	12.7	11.9	108.9	100.5	90.5	87.7	2.7	2.7	2.6	2.6
Carencia por acceso a la seguridad social	55.8	50.8	51.9	47.7	370.1	349.9	370.2	352.9	2.1	2.1	2.1	2.0
Carencia por calidad y espacios en la vivienda	12.1	10.0	10.9	11.4	80.0	69.2	77.8	84.2	3.1	3.1	3.0	2.8
Carencia por acceso a los servicios básicos en la vivienda	9.8	7.9	9.6	8.6	65.0	54.3	68.4	63.8	3.4	3.3	3.2	2.9
Carencia por acceso a la alimentación	19.9	22.3	25.4	21.1	131.8	153.6	181.5	156.3	2.7	2.5	2.5	2.4
Bienestar												
Población con ingreso inferior a la línea de bienestar mínimo	8.6	11.4	10.6	8.0	56.8	78.6	75.4	59.1	2.1	2.1	2.1	2.1
Población con ingreso inferior a la línea de bienestar	39.6	40.7	40.7	40.6	262.7	280.4	290.3	300.1	1.9	1.8	1.8	1.6

Fuente: estimaciones del CONEVAL con base en el MCS-ENIGH 2010, 2012, 2014 y el MEC 2016 del MCS-ENIGH.



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ABOUT OUR STATE

Colima in the World



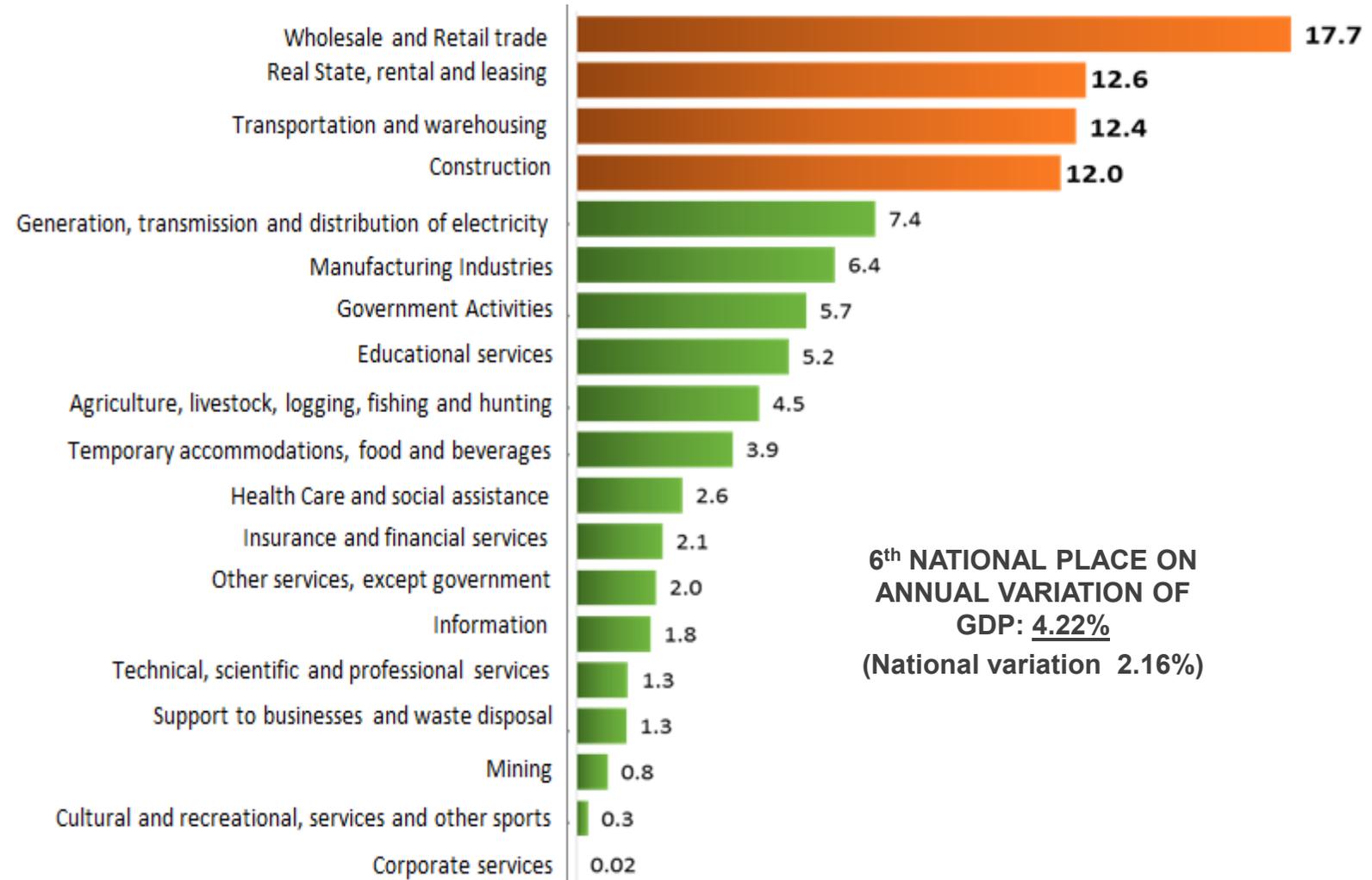
- ✓ **Capital:** Colima
- ✓ **Municipalities:** 10
- ✓ **Territory:** **5,625 km²** (0.3% of the national territory, 28th place in land extension).
- ✓ **Population:** **735,724 Inhabitants**, which represent 0.6% of the total population in the country.
- ✓ **GDP: In current prices of 2014:** 98 thousand 110 million pesos.
- ✓ **Contribution to National GDP:** 0.6 %
- ✓ **Sectorial Contribution to State GDP:** Whole and retail sales (17.7 %), *Real State* (12.6 %), *Storage and transportation* (12.4 %) y *Construction* (12 %).

COLIMA
GOBIERNO DEL ESTADO



ECONOMIC INDICATORS

Colima's Gross Domestic Product



6th NATIONAL PLACE ON ANNUAL VARIATION OF GDP: 4.22% (National variation 2.16%)

- ✓ With 33,653 business units, Colima is considered a service economy.
- ✓ The four leading sectors (*Wholesale and Retail trade, Real State, rental and leasing, Transportation and warehousing and Construction*), contribute to **54.7%** of the State's GDP, which in 2014 added up to 98 thousand 110 million pesos, representing 0.6% of national GDP.

Source: SEFOME with information of the National Accounts System of México. GDP by States, 2014. Base year 2008, National Institute of Statistic and Geography (INEGI).

Economic Activity

State Quarterly Indicator of Economic Activity (ITAE) and National Quarterly GDP (in percentage)

Indicator	2015				
	I	II	III	IV	Annual
Colima (ITAE)	1.6	2.2	4.7	6.2	3.7
National Quarterly GDP	2.6	2.3	2.7	2.4	2.5

According to the indicator, during 2015, **Colima grew at a rate of 3.7%** (GDP national variation 2.5%)

- ✓ It is anticipated that by the end of 2016 the national GDP will grow between 2.2 and 3.2% according to the Ministry of Finance and Public Credit (SHCP).
- ✓ In Colima we expect to record a GDP growth of between **2.8 and 4.1%**, 30% higher than that of the national value.

Business Life Expectancy in Colima

Business life expectancy (years)	Colima	National
Birth	8.1	7.7
1 year	8.2	8.1
5 years	10	9.9
10 years	13.4	12.7
15 years	17	16.3
20 years	21.3	21

Business life expectancy per sector (years)	Colima	National
Manufacturing	9.9	9.5
Trade	6.1	6.6
Services	8.3	8
Total	8.1	7.1

- ✓ **Colima is 7th place in Mexico, with the highest business life expectancy of 8.1 years** (Yucatan and Oaxaca were the states with the highest and lowest business life expectancy, registering 9.1 and 3.8 years correspondingly).

- ✓ By economic sectors, the results showed that both in Colima and in México, **the manufacturing sector has the highest business life expectancy than the rest of the economic activities.**
- ✓ For every 100 businesses in the state, the survival rate in Colima is of 80%.

Labor Force

A total of **8,381 new jobs** have been created until the third quarter of 2016 in Colima.

Economic participation rate:
67%

Average income per hour worked: **\$40.2**

Low informality of the employed population: **18%**



Source: National Survey of Occupation and Employment (ENOE by it's acronym in Spanish) from the National Institute of Statistic and Geography. First Quarter 2016.

Mexico's most competitive states in 2016

UN PUENTE ENTRE DOS MÉXICOS | ÍNDICE DE COMPETITIVIDAD ESTATAL 2016

RESULTADOS GENERALES



2014	ESTADO	2012	2014	ESTADO	2012	2014	ESTADO	2012
1	Ciudad de México	1	12	Baja California Sur	6	23	Morelos	25
2	Aguascalientes	2	13	Quintana Roo	12	24	Tlaxcala	27
3	Nuevo León	5	14	Puebla	18	25	Baja California	17
4	Colima	3	15	Tamaulipas	13	26	Zacatecas	24
5	Querétaro	4	16	Chihuahua	20	27	Tabasco	29
6	Sonora	10	17	Nayarit	23	28	Veracruz	21
7	Coahuila	9	18	Guanajuato	15	29	Michoacán	30
8	Jalisco	7	19	San Luis Potosí	19	30	Chiapas	28
9	Sinaloa	11	20	Hidalgo	22	31	Oaxaca	31
10	Yucatán	8	21	México	16	32	Guerrero	32
11	Campeche	14	22	Durango	26			

✓ Colima is the **4th most competitive state** in Mexico according to the **Mexican Competitiveness Institute (IMCO)** in 2016.

Ease of Doing Business

Indicators	Colima's position in the national Ranking 2016	Time it takes (in days)
Ease of Doing Business	3rd overall place	
Construction permit	1	12
Property registration	4	18
Opening of a business	9	11.5
Enforcing contracts	12	210

- ✓ In 2016 Colima maintained **1st place** in the “construction permit” indicator in Mexico.
- ✓ This result places Colima **above the average** time within the OECD member countries to obtain this type of permit.

- ✓ In the overall 2016 Ranking of Doing Business in Mexico, Colima **placed 3rd** out of 32 State, as one of the best for Ease of Doing Business.

ECONOMIC SECTORS

Colima's Primary Sector

Agriculture, forestry and fishing employ 1.2% of the state's population and contribute 4.49% to its GDP.

Colima has developed higher value added agriculture and is of the nation's largest producer of cranberries and dried coconut flesh.

The **fishing industry** in the state supports a canning industry mostly for tuna, shrimp and octopus along with the freezing of fish filets.

Source: Atlas Agroalimentario de Colima 2016, SAGARPA.



2nd
Cranberry



2nd
Dried Coconut
Flesh



2nd
Tuna fish



3rd
Maradol Papaya



3rd
Blackberry



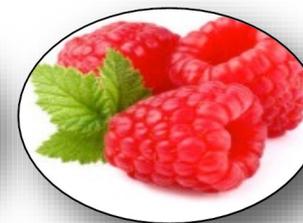
4th
Mexican Lemon



4th
Banana



5th
White Rice



6th
Raspberries



7^o
Pineapple

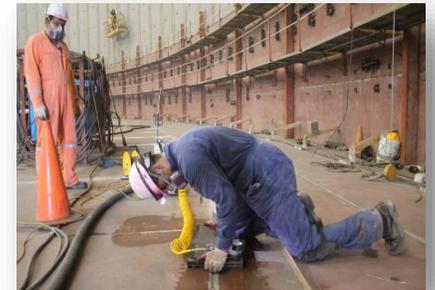
Secondary Sector

Construction is the **fourth most important economic activity** in the state due to its contribution of 12% to the Gross Domestic Product (2014).

Agro-industries, specially does related to the extraction of lime and coconut oil and their derivate have grown, as a result of the increase in the world demand for these products.

2014 was a great year for the Mining industry in Colima, highlighting:

- ✓ **Production of iron pellets (1st place nationally).**
- ✓ Iron extraction (3th national place).
- ✓ Gypsum (6th national place).
- ✓ Salt (9th place national place).
- ✓ Stone aggregates (10th national place).
- ✓ Gravel (13th national place).
- ✓ Sand (14th national place).
- ✓ Clay (15th national place).
- ✓ Limestone (17th national place).



Tertiary Sector



Commercial Services

Retail and wholesales are the **main economic activity** in the state for its contribution of 17.7% to GDP (2014).

Real Estate Services are the **second strongest economic activity** with 12.6%.

While **transportation and storage (logistics)** are the **fourth largest state activity** with a share of 12.4% of GDP.

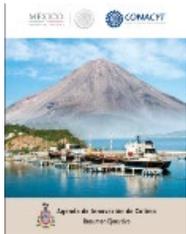
Colima, holds 1st Place in tourist establishments with “M” distinctive and **2nd Place** in infrastructure and professionalization of the sector (ITESM, 2012).

COLIMA SCIENCE AND TECHNOLOGY PARK



Where are we at?

- ✓ Trust that manages the land of the Colima STP (to donated, for bailment, rent or sell)
- ✓ Preliminary version of the Colima STP Master Plan (consisting of 11 Chapters in English)
- ✓ Colima STP is aligned with:



- **New State of Colima Innovation Agenda (will be updated)**



- **Law of Promotion and Development of Science and Technology of the State of Colima**



- **Law of Economic Development for the State of Colima**



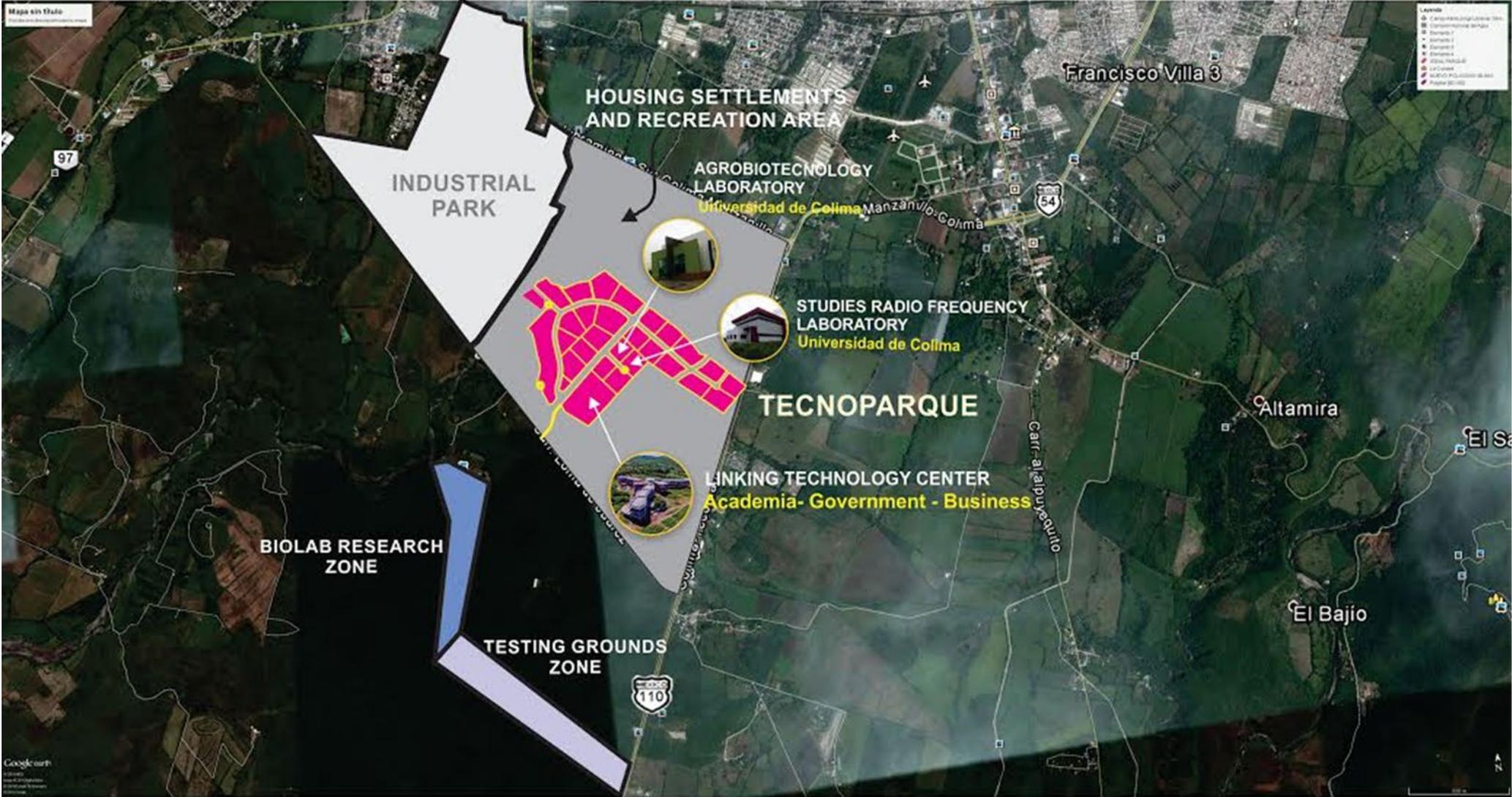
- **New 2016-2021 Development Plan of the State of Colima**

- **Law for the Promotion of Renewable Energy and Energy Efficiency of the State of Colima**

Where are we at

- ✓ Development of Agricultural and Logistics Cluster Roadmaps by AIMS I Organization
- ✓ Connect Business and Research office (with certified incubations facilities for start-ups), which belongs to the University of Colima
- ✓ Incubation facilities and advance works on robotics at the Technological Institute of Colima
- ✓ New Logistics Postgraduate 6 month program by the Technological University of Manzanillo
- ✓ Undergoing a benchmarking on STPs in Mexico
- ✓ Determine the legal figure/framework needed to operate the Colima STP (Trust vs NGO)

Site and Expansion Plan



Current Infrastructure

Agrobiotecnología

Energías Alternativas

Logística

Fab Labs

Tecnologías de la Información



Pending Infrastructure to Operate STP



PENDING INFRASTRUCTURE

Electric Substation with a capacity of 15 Mega Volts

Telecommunications Network (fiber optics)

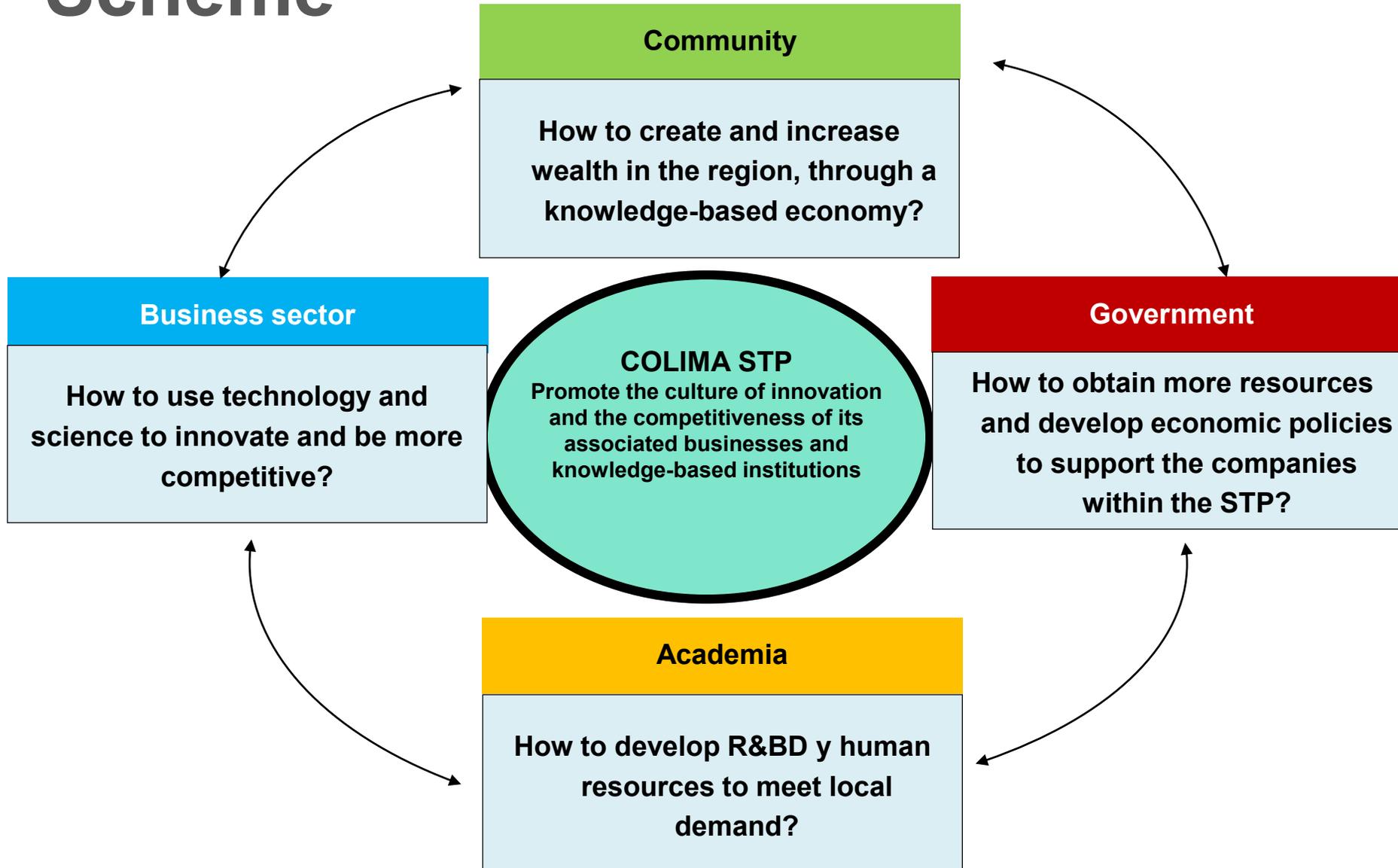
Construction of the perimeter wall and entrance gate

Construction of other urban development works

Finish the construction of the Main building



Role of a STP within the Triple Helix Scheme



The Colima STP should facilitate access for firms to key factors such as R&D, human capital, innovation infrastructures, venture capitalists, and technological capital.

COMPETITIVE LOGISTICS

Modern Infrastructure

INFRASTRUCTURE THAT TRANSLATES INTO COMPETITIVENESS

Road Network (in km)	2,209	6 st Place nationwide in percentage of 4 lane highways
Railroad Network (in km)	250.9	5th Place nationwide in railway density
Manzanillo-Guadalajara Bidirectional Pipeline (in km)	305	Daily capacity up to 500 million cubic feet of natural gas. Diameter: 30 inches. MAOP 1200 psi.
Liquefied Natural Gas Terminal (million cubic feet per day)	500	Began operation in September 2011
Manzanillo Power Plant (in Megawatts)	2,753	Due to its recent conversion to combined cycle. These actions have contributed in the reduction of 1,068 million tonnes of CO2 emissions per year.

Source: SEFOME, September 2016.



TIME FROM COLIMA TO THE MAIN CITIES IN MÉXICO

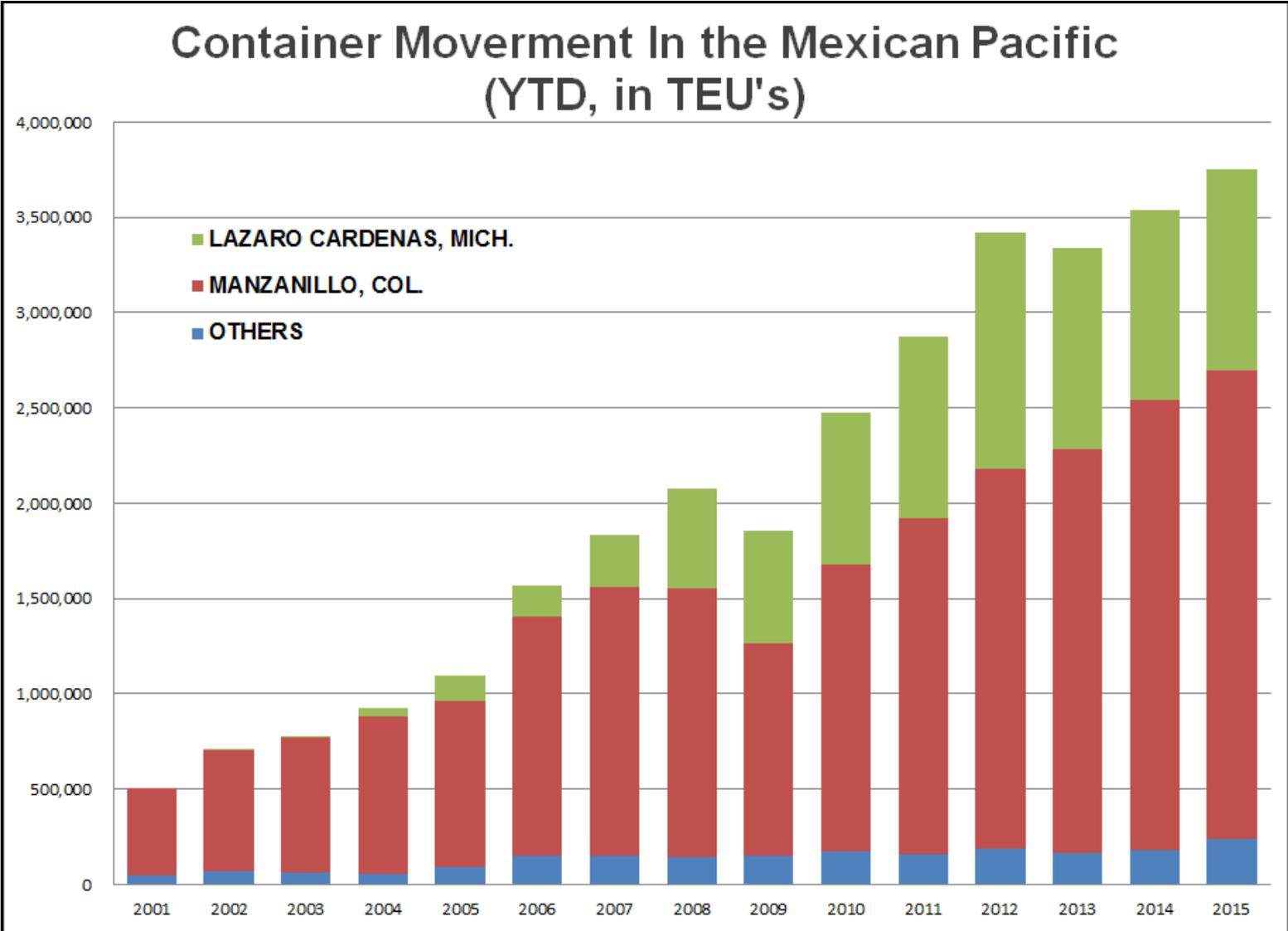
City	Train		Highway	
	Km	Hrs	Km	Hrs
DF	960	36:00	839	08:30
GDL	355	12:00	303	03:15
MTY	1,380	60:00	1,151	11:55

Port of Manzanillo

- ✓Manzanillo, 1st place in national movement of TEUs for **14 consecutive years** with 2'458,135 TEUs (Ministry of Communications and Transportations, 2015).
- ✓1st place nation in containerized cargo in the Mexican Pacific (2015).
- ✓2nd place in total cargo movement in Mexico (2015).
- ✓5th place in the ranking of Containerized Latinoamerican Movement (CEPAL-2015).
- ✓**94 years without a strike**



Port Competitiveness



The Port of Manzanillo has maintained an average annual growth rate of 10.69% over the past **11 years**, passing from 830,777 TEUs in 2004 to **2'541,140** in 2015.

Source: Federal Ministry of Communications and Transportation (SCT), Statistical Yearbook of Seaport Movement (2015) and Monthly Statistical Report of Seaports (May 2016).

Current Port Infrastructure

Port

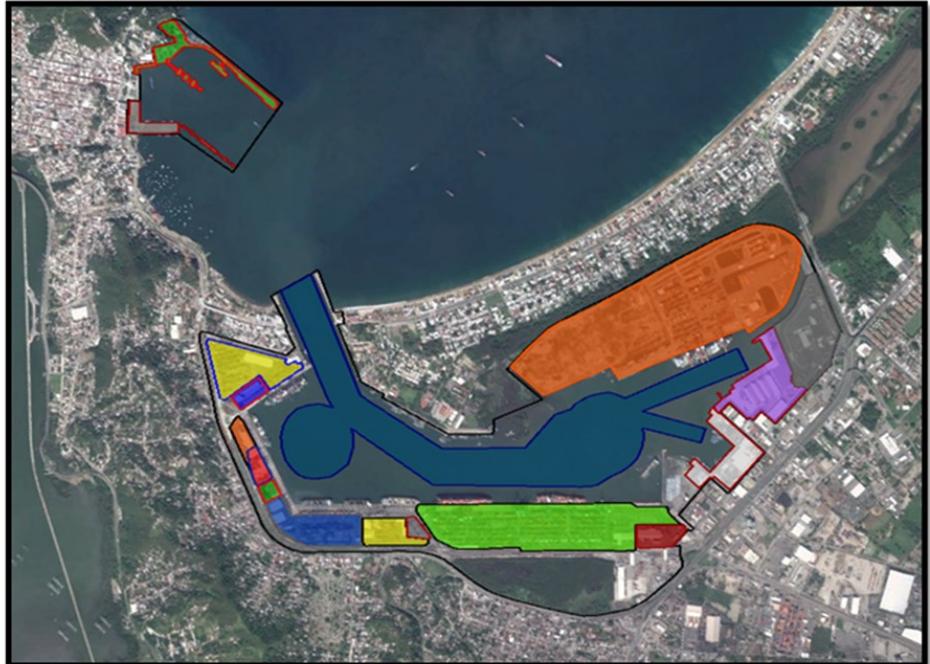
Static Capacity
54,683 Teu's

Dynamic Capacity
2,900,635 Teu's

Berths

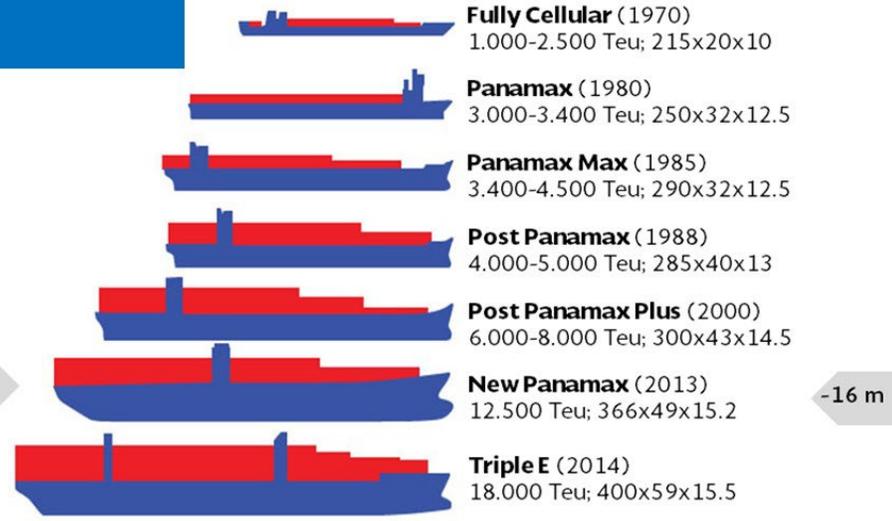
16 Commercials
3 Hydrocarbons
2 Cruise ships

437 Hectares
30.23 Km Railroads
16 m Depth
34.92 Km Highway



The Seaport of Manzanillo has received Ships of 6th Generation

6th Generation



-16 m

Source: Seaport Authority of Manzanillo, April 2016.

Port Hinterland and Foreland

55% Country's Population

- Distrito Federal
- Jalisco
- Michoacán
- Zacatecas
- Guanajuato
- Morelos
- Sinaloa
- Estado de México
- San Luis Potosí
- Durango
- Coahuila
- Hidalgo
- Nayarit
- Nuevo León
- Aguascalientes
- Tamaulipas



-  Hinterland **17** States that produce **67%** of **GDP**
-  Manages **73%** of Containerized Cargo that arrives for the Mexican Pacific
-  Represents **49%** of the Country's Total TEUs

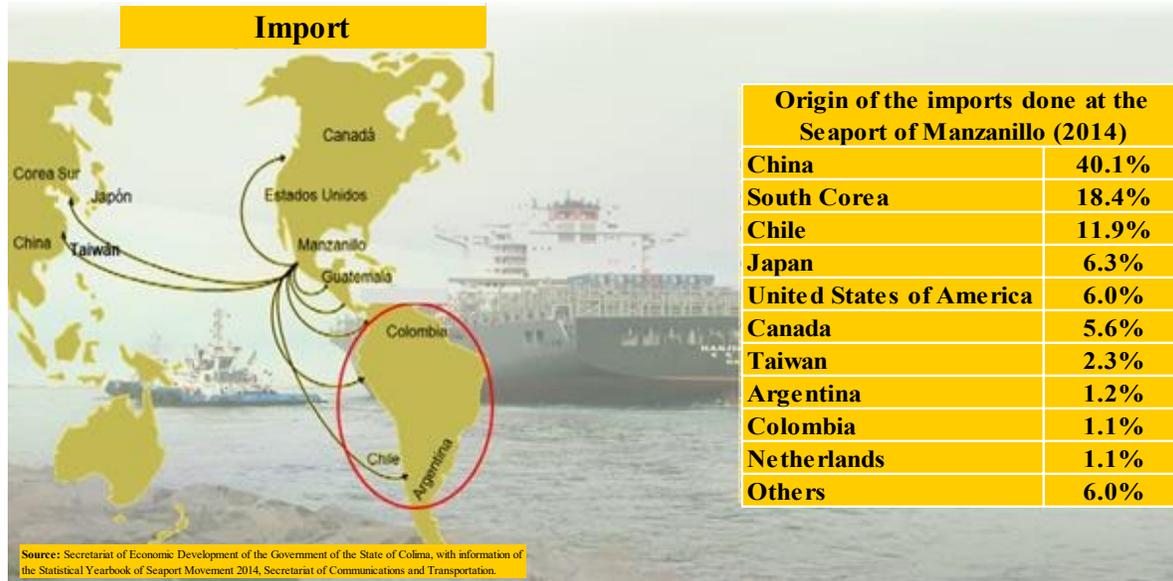


 **PORT OF MANZANILLO**
Strategic location for global logistics



Source: Port Administration Authority (API), April, 2016.

Import and Export Potential



Colima is distinguished as the **gateway to Asia** for Mexico but recently has increased the participation of South American economies.

The export potential of the logistics sector is very important because in reality this sector makes **synergy** with the rest of the other economic sectors to efficiently mobilize products in and out of Mexico.



Other Business Opportunities in Logistics



Refrigerating and freezing chambers



IT for logistics



Green logistics



Scales and balances



Consulting of logistics processes



Movement and control of materials



Distribution centers



Cargo and people security



Logistics parks



Complete trucks maintenance



Container maintenance



Parking lots for trucks

Others:

- Appropriate spaces with roofs and without roofs for containers.
- Diverse seaport logistics services.

COLIMA'S HINTERLAND

Colima in the Meso-regions of Mexico

Regions	States	GDP (2014)		Land extension		Population (2015)	
		Millions of pesos	%	Km ²	%	Population	%
North	9	4,293,919	26.40%	1,048,857	53.50%	26,671,891	22.30%
Central West	9	3,383,539	20.70%	355,004	18.10%	27,823,208	23.30%
Central	6	5,282,833	32.40%	87,853	4.50%	37,310,161	31.20%
South - Southeast	8	3,346,315	20.50%	468,956	23.90%	27,725,493	23.20%
Total national	32	16,306,606	100.00%	1,960,670	100.00%	119,530,753	100.00%

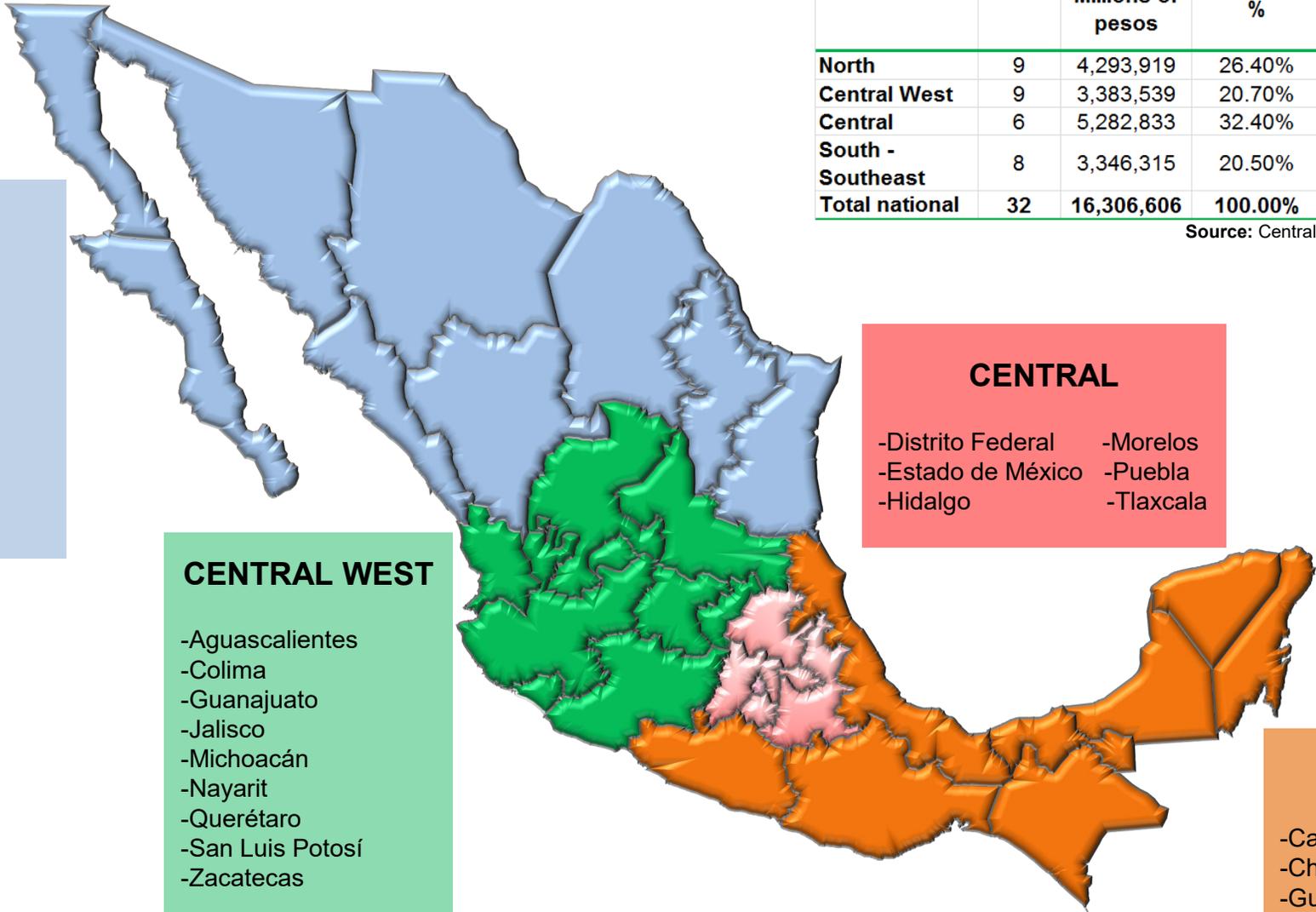
Source: Central west region. Population figures (2015) and GDP (2014). INEGI.

- NORTH**
- Baja California
 - Baja California Sur
 - Chihuahua
 - Coahuila
 - Durango
 - Nuevo León
 - Sinaloa
 - Sonora
 - Tamaulipas

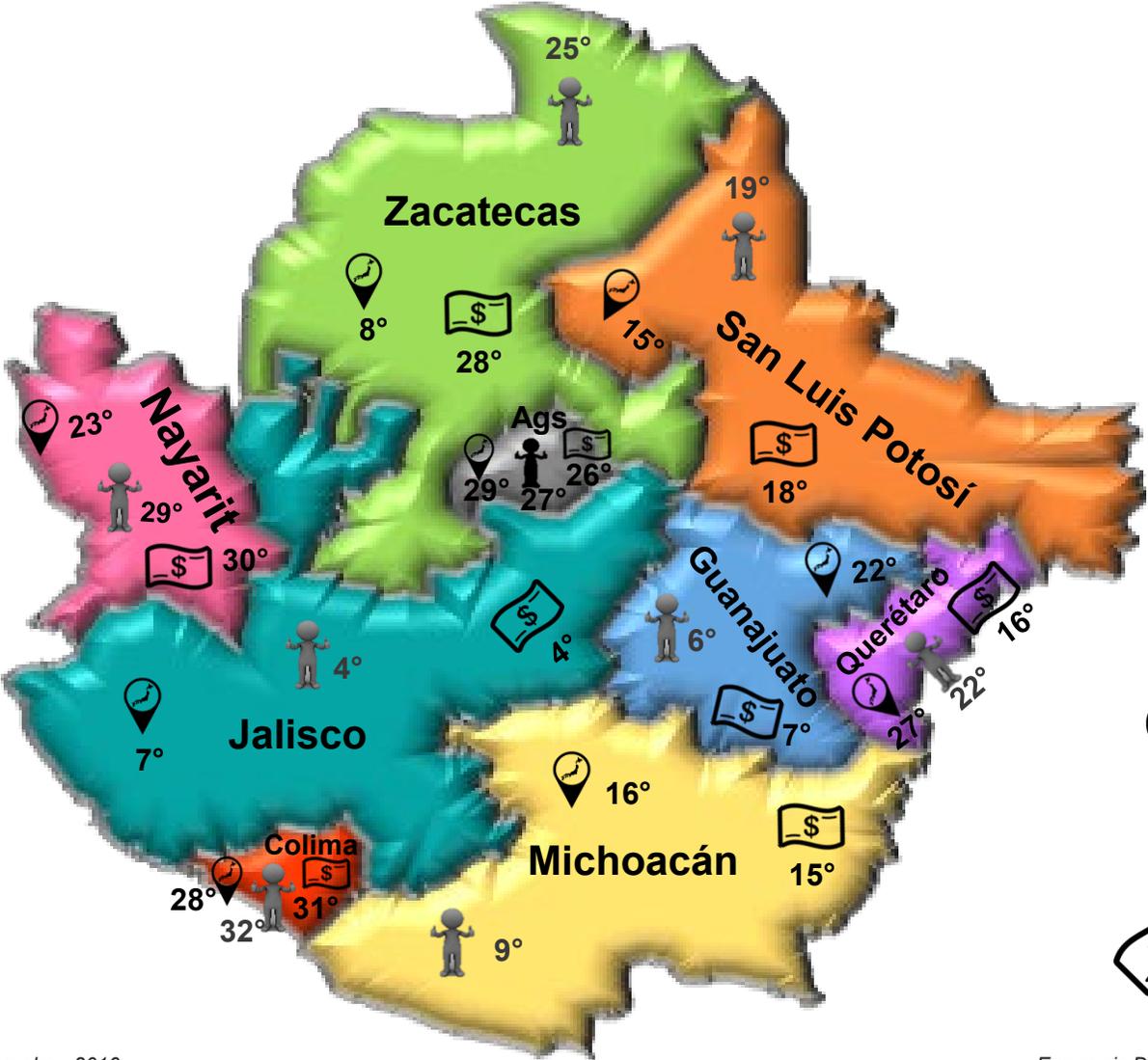
- CENTRAL WEST**
- Aguascalientes
 - Colima
 - Guanajuato
 - Jalisco
 - Michoacán
 - Nayarit
 - Querétaro
 - San Luis Potosí
 - Zacatecas

- CENTRAL**
- Distrito Federal
 - Estado de México
 - Hidalgo
 - Morelos
 - Puebla
 - Tlaxcala

- SOUTH & SOUTHEAST**
- Campeche
 - Chiapas
 - Guerrero
 - Oaxaca
 - Quintana Roo
 - Tabasco
 - Veracruz
 - Yucatán



Colima in the Central West Region



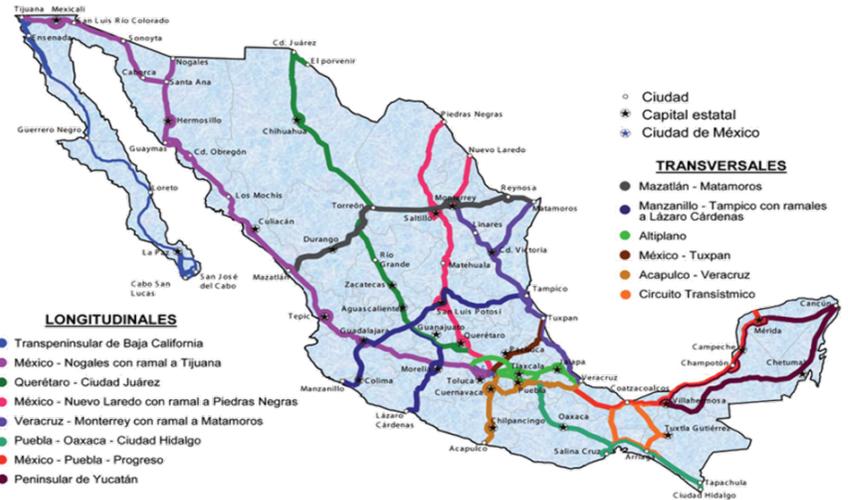
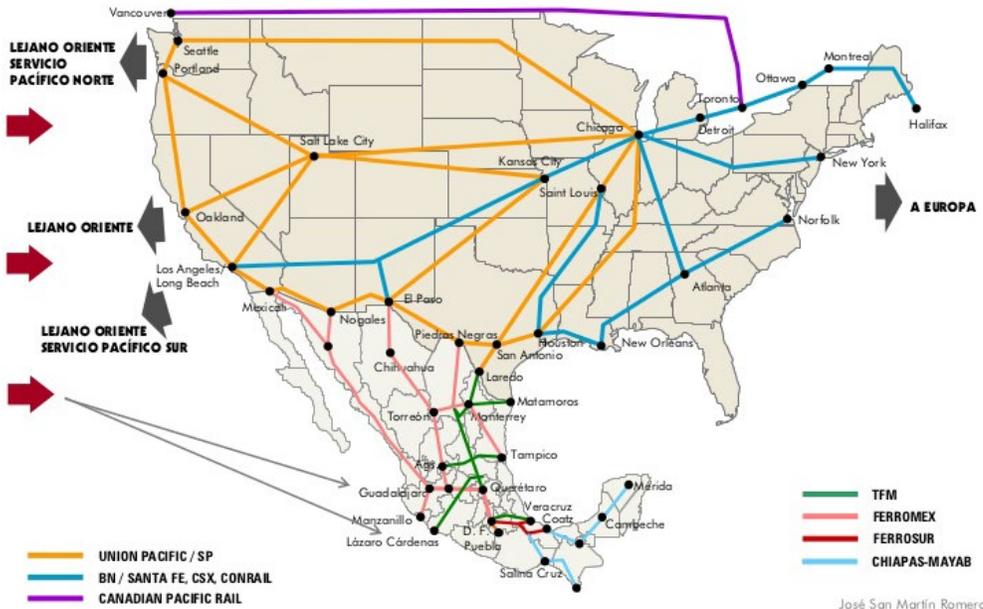
The Central West region is conformed by the states of Aguascalientes, **Colima**, Guanajuato, Jalisco, Michoacán, Nayarit, Querétaro, San Luis Potosi and Zacatecas.

It is the third most populated region of the country and its located at the crossroads of trade routes to the north and west parts of Mexico, which make it a strong articulator of goods and services.

-  Position regarding land extension
-  Position according to total population
-  Position according to contribution to National GDP

Source: Population figures (2015) and GDP (2014). National Institute of Statistic and Geography.

Colima's Strategic Position on the North America Corridor



Colima's Vision Towards 2040

Colima, will be the state with...

The best quality of life.

The greatest welfare for its population.

The greatest respect towards nature.

With the best telecommunications.

With the best energy efficiency.

Colima's Growth Poles

I: Manzanillo

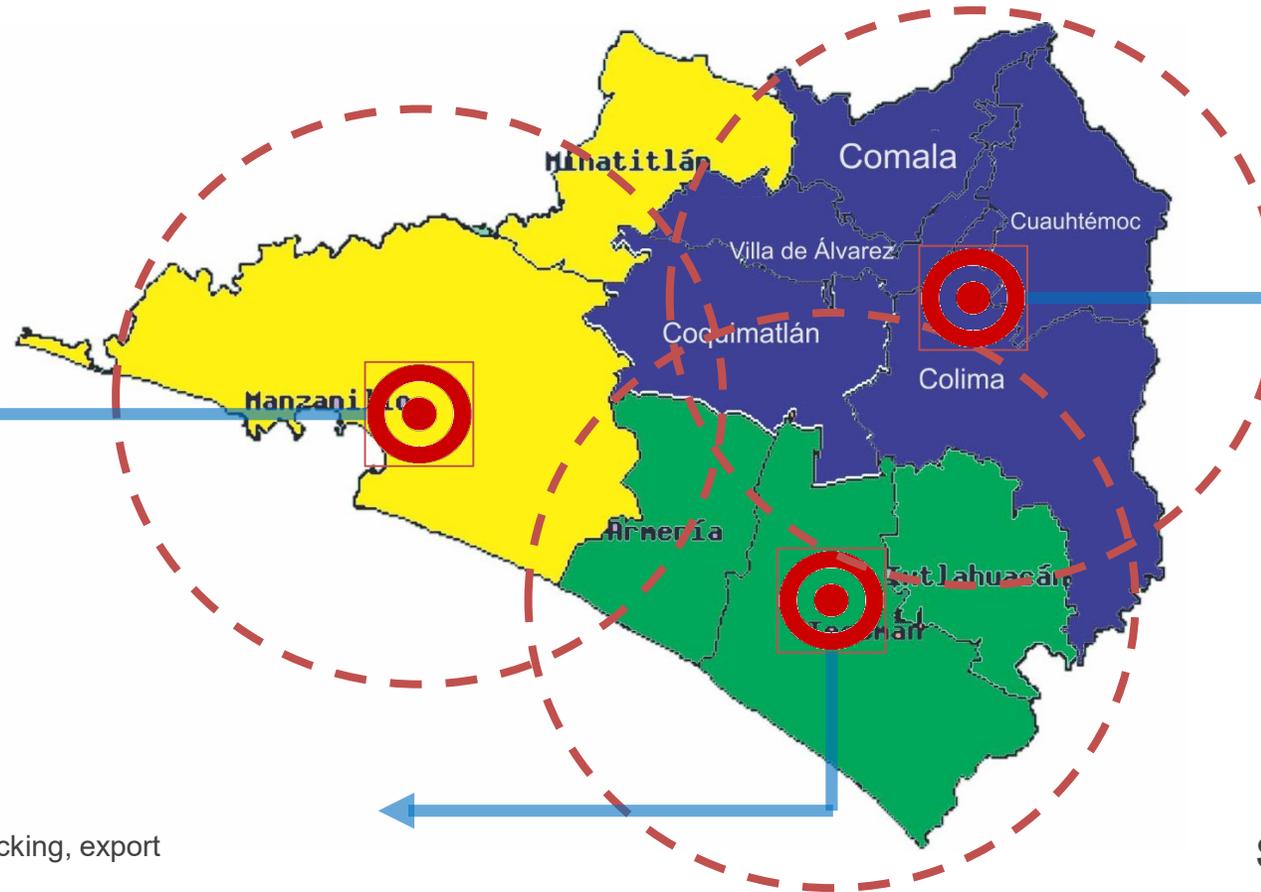
Population: **193,803 (26%)**

- Logistics (become the asian-pacific gateway to Mexico and East USA)
- Automotive logistics platform
- Tourism (La Boquita, Las Garzas park, Aquarium)

II: Metropolitan Area of Colima

Population: **376,748 (51%)**

- Innovation, science and technology (Colima Science and Technology Park, Agro park, development of cures for pests, promote projects in solar technology, alternative waste treatments)
- Industry (new industrial park and attraction of vehicle assemblers)
- Urban tourism through remodeling of outdoor spaces (metropolitan parks and river project)



III: Tecoman Valley

Population: **165,173 (23%)**

- Agroindustry (dehydration plants, packing, export cold)
- Logistics and industry (cargo and passenger airport and inland port).
- Alternative tourism (surf tourism and second homes for retirees).

735,724
State population in 2016*

Source: SEFOME, based on CONAPO 2030 projections.

Development of Future Strategic Sectors

Current



Logistics



Agroindustry

Future



**Agro
biotechnology**



Tourism



**Renewable
energy**



**Information
technology**



**Health
services**

Source: SEFOME with the use of the National Science and Technology Council's "2014 State Innovation Agenda"



COLIMA

STATE GOVERNMENT

