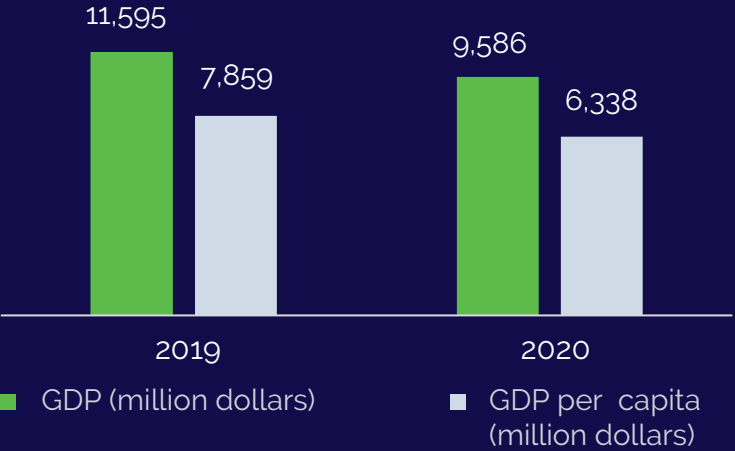


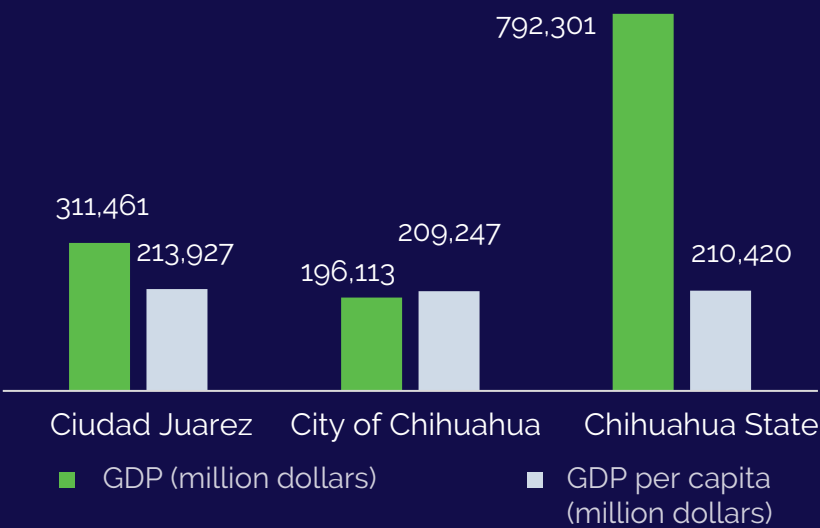


### Ciudad Juarez Gross Domestic Product (GDP) (selected years)



From 2019 to 2020, Gross Domestic Product (GDP) at constant prices dropped (-)11.33%. Per capita GDP decreased (-)13.5%.

### Ciudad Juarez Gross Domestic Product (GDP) 2020 (selected municipalities)



According to Mexico's National Statistics Institute (INEGI), Ciudad Juarez represents the 37.3% of the total Chihuahua State Gross Domestic Product (GDP).

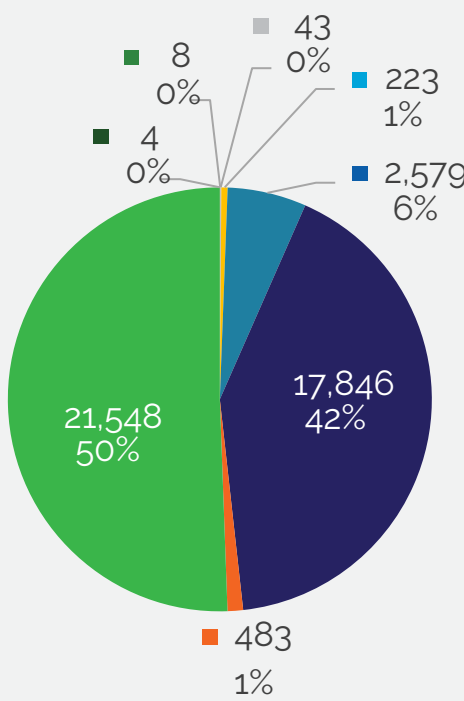
Sources: DECJ with data from CONAPO, DENUE-INEGI, BIE-INEGI.

### Companies by sector, November 2021

In November 2021, most of the companies were concentrated in the tertiary economic sector. There are 42,734 companies in Ciudad Juarez this year, which means an increase of this month compared to November of 2020.

Source: DECJ with data from DENUE-INEGI.

- Agricultural
- Mining
- Energy
- Construction
- Manufacture
- Commerce
- Transport and communication
- Services

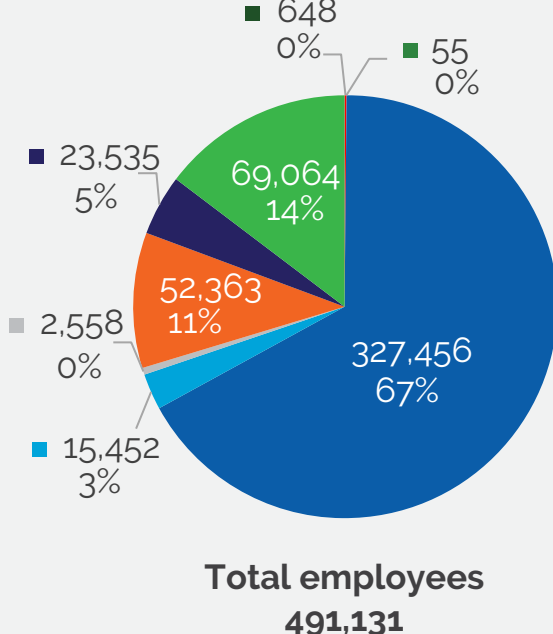


### Employees by sector, October 2021

The total amount of employees in October 2021 was of 491,131, with an increase of 0.85% when compared to September of the same year. 66.7% of this amount are employed by 2,579 manufacturing companies.

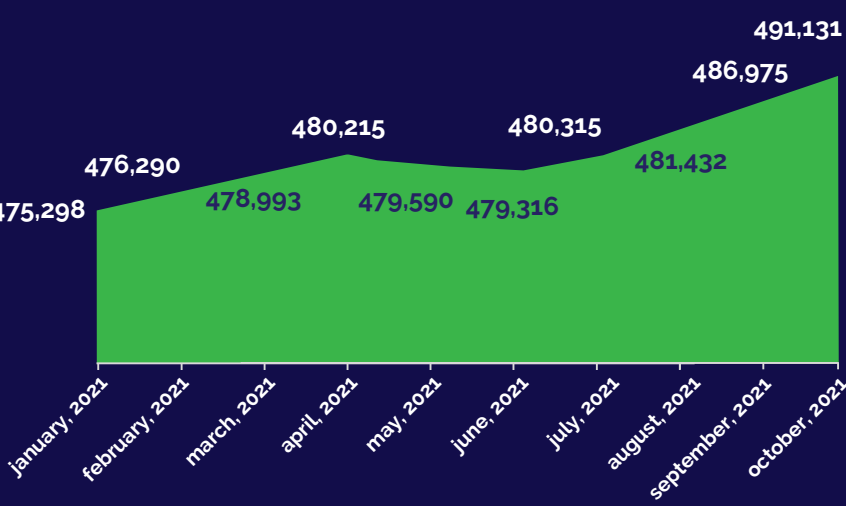
Source: DECJ with data from IMSS.

- Agricultural
- Mining
- Manufacture
- Construction
- Energy
- Commerce
- Transport and communication
- Services



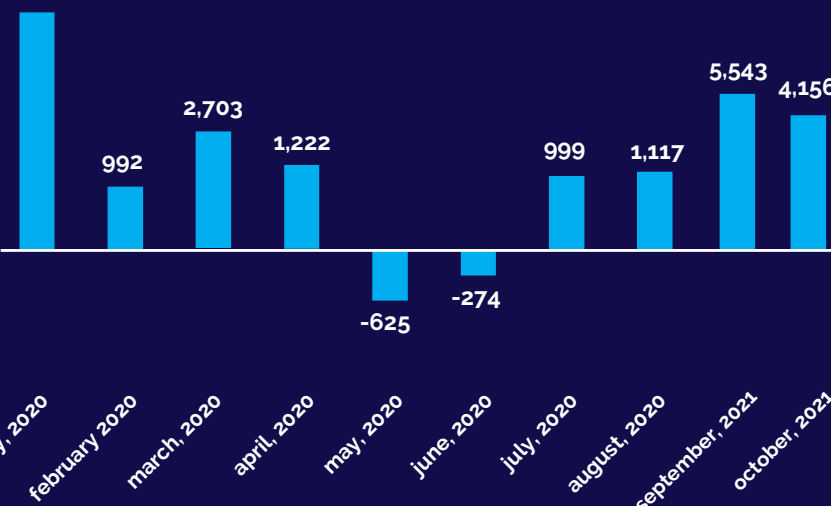
Total employees  
491,131

### Total employment January - October 2021



Total formal employment in Ciudad Juarez increased from 486,975 in September, to 491,131 in October of this year.

### Employment generated January - October 2021



Employment generation in Ciudad Juarez during October 2021 was positive. According to data from IMSS, 4,156 new job positions were created in September.

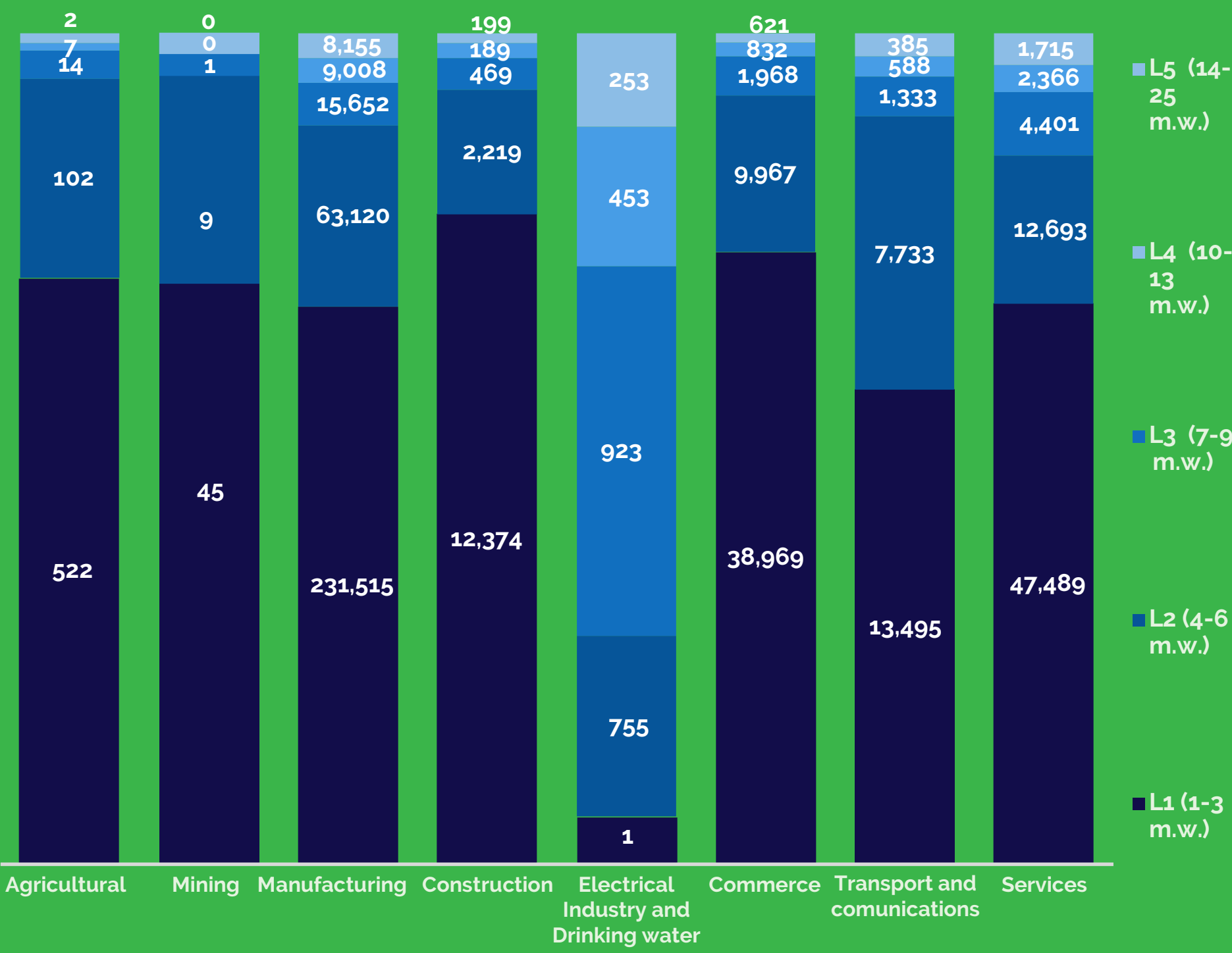
Source: DECJ with data from Instituto Mexicano del Seguro Social (IMSS).

### Jobs by sector September - October, 2021

In Ciudad Juarez, all the economic sectors created a positive number of jobs from September to October 2021.

Economic sector	Jobs September 2021	Jobs October 2021	Performance %
Agricultural	645	648	0.47%
Mining	53	55	3.77%
Manufacture	325,589	327,456	0.57%
Construction	14,664	15,452	5.52%
Energy	2,506	2,558	2.08%
Commerce	51,676	52,363	1.33%
Transport and communication	23,348	23,535	0.80%
Services	68,514	69,094	0.80%
Total	486,975	491,131	0.85%

### Jobs by wage level and sector October 2021



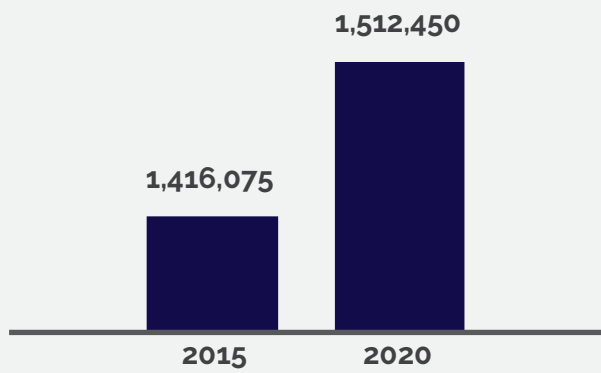
Source: DECJ with data from Instituto Mexicano del Seguro Social (IMSS).

# JUAREZ OUTLOOK

## NOVEMBER, 2021

### Population growth

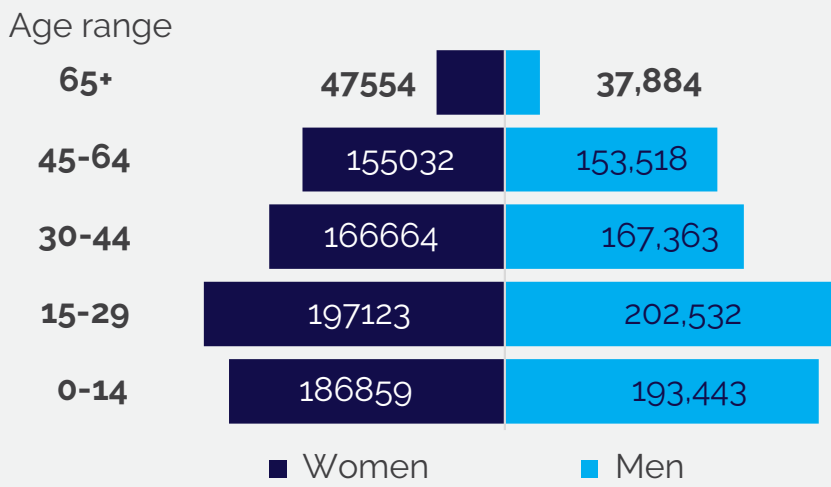
2015-2020



The 2020 Census shows a population in Ciudad Juárez of 1.5 million people. There was an increase of 6.8% between 2015 and 2020

### Population pyramid

2020



Most of the population in Ciudad Juárez is young, meaning that around 74% are in the range between 0 and 44 years old. In 2020, the population density in the city was of 3,200 people per km<sup>2</sup>.

Source: DECJ with data from Consejo Nacional de Población (CONAPO) and Censo Nacional de Población y Vivienda 2020 (INEGI).

## Competitiveness in Ciudad Juárez

2nd port of export via highway in Mexico (2020)



2nd port in Mexico, with the highest rate of people crossing to the United States (2020)

1st place in manufacturing jobs with the highest export index nationwide (299,799 JOBS, August 2021)



1st place in consumption of consumables in the export manufacturing sector in Mexico (762,247 million pesos annually, 2020)

2nd city in manufacturing establishments in Mexico with 326 companies (August 2021)

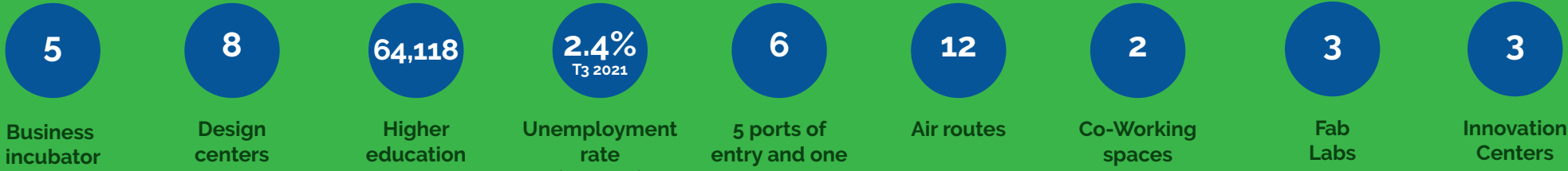


10th place place in competitiveness within Mexico, according to the Instituto Mexicano para la Competitividad (IMCO)

9th city with the best wages for full-time workers nationwide (2020)

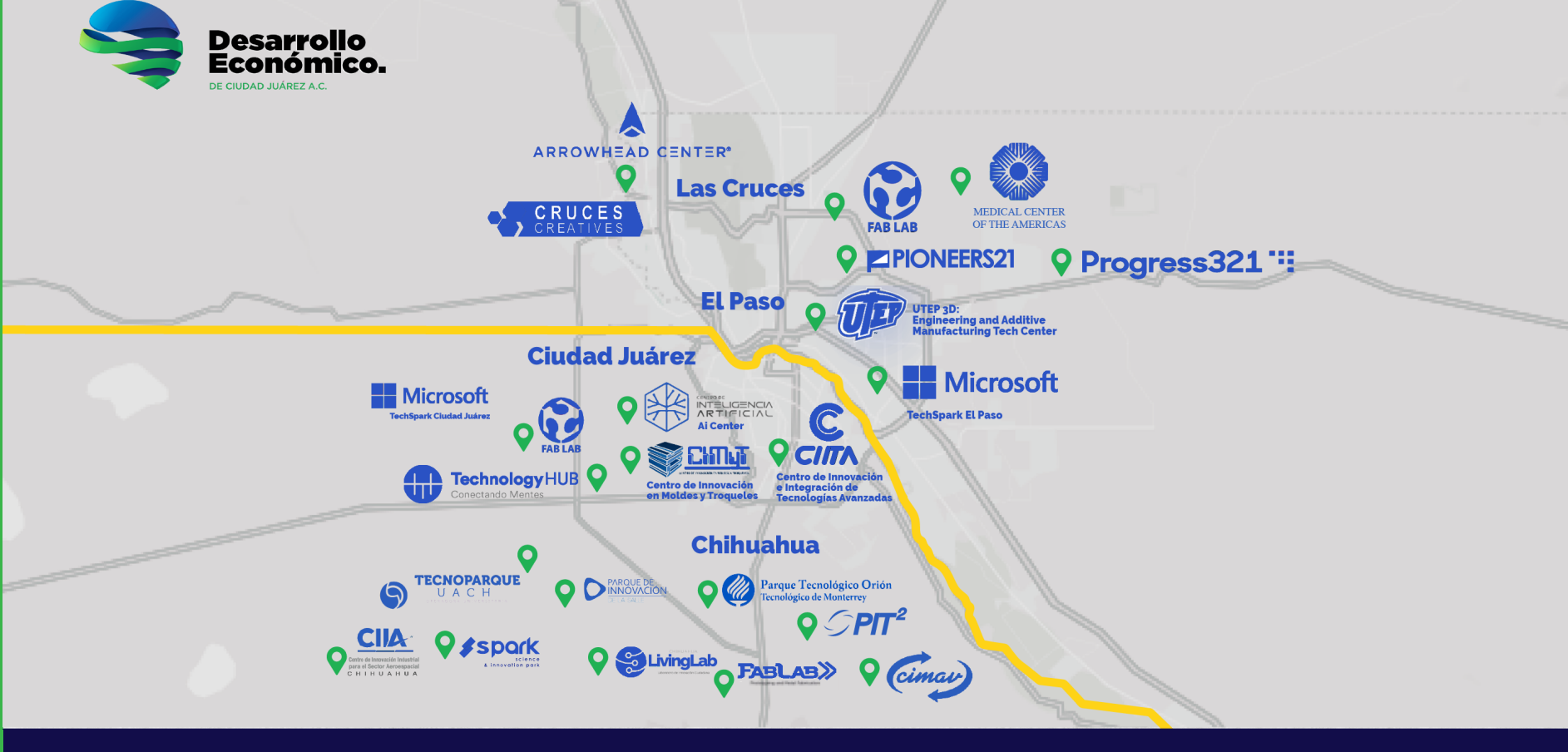


1st place in cities with less labor informality nationwide (1T - 2021)



Sources: INEGI, IMCO, SEECH, US Department of Transportation

## The Borderplex Innovation District



## Higher education

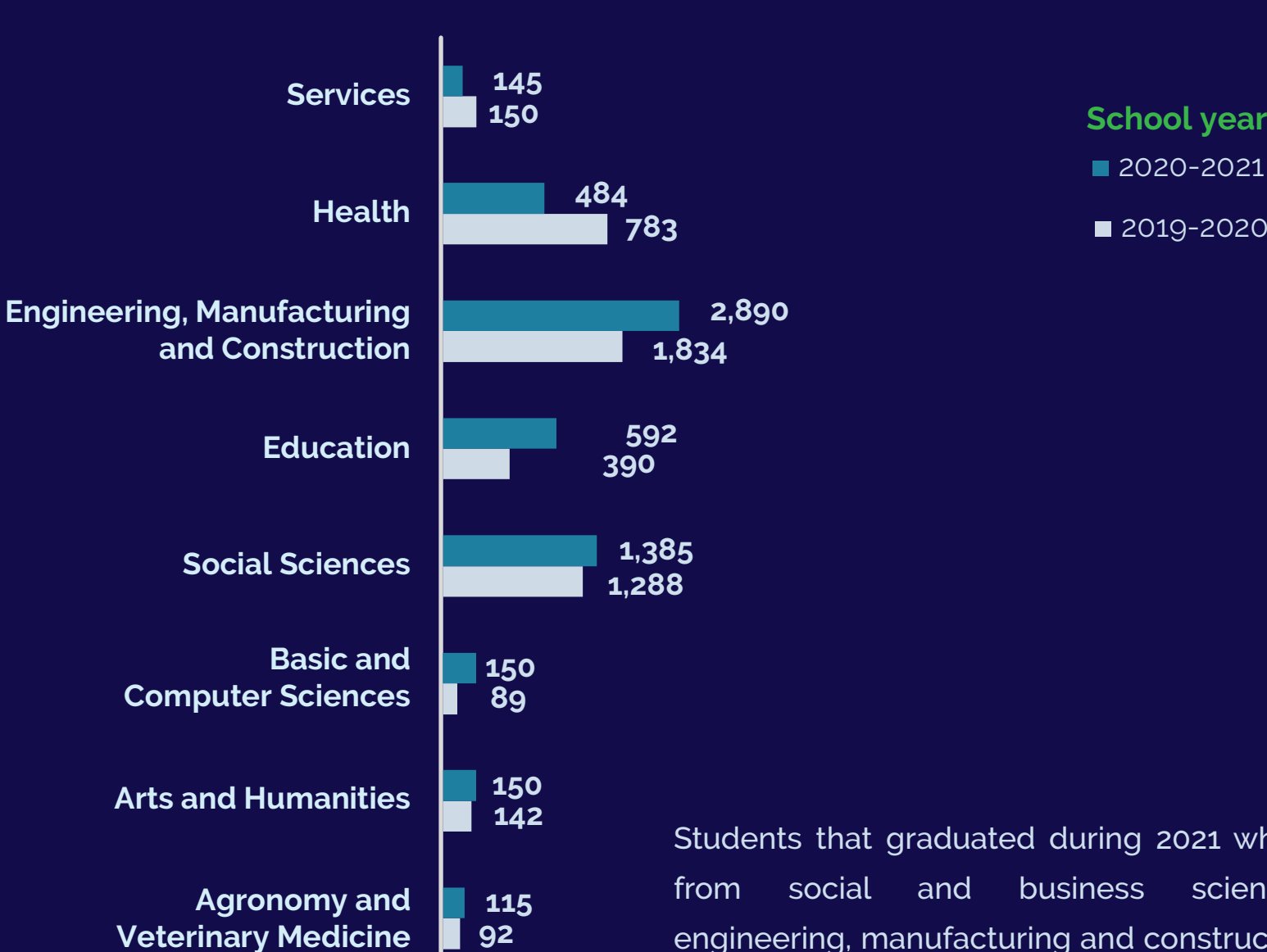
School year 2020-2021

Higher education	Schools	Students
Juarez	63	64,118

Ciudad Juárez had, in 2021, 63 higher education institutions attending 64,118 students. Almost 10,171 of them graduated over the year.

Type	Enrollment	New entry	Graduates	Diplomas
Technician	6,199	2,365	2,041	1,821
Bachelor	54,678	9,862	7,206	6,320
Specialty	477	286	99	82
Master	2,521	844	782	625
Doctorate	243	76	43	38

## Higher education graduates by study area



Students that graduated during 2021 where from social and business sciences, engineering, manufacturing and construction Areas.

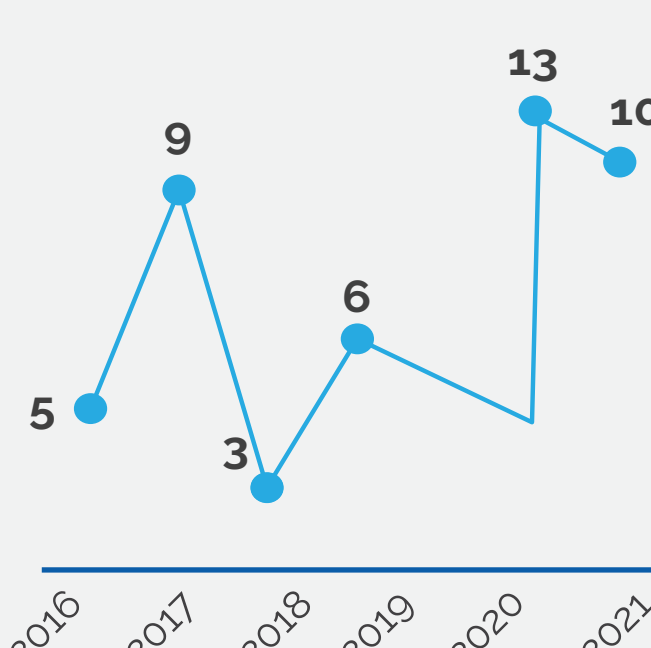
Source: DECJ with data from Secretaría de Educación del Estado de Chihuahua (SEECH) and ANUIES.

## Patents granted to Ciudad Juárez inventors

2016-2021

From 2016 to 2021, the number of patents granted to Juárez inventors had a regular growth. In 2020 the maximum of 13 was reached.

Source: DECJ with data from United States Patent Office and Trademark Office's (USPTO).



## Members of the National System of Researchers (SNI's) by study field and level (top 4)

2021

By 2021, most members of the National System of Researchers (SNI) were related to Science and Technology: 193 in level I, 18 in level II and two in level III.

Source: DECJ with data from Consejo Nacional de Ciencia y Tecnología (CONACYT).

