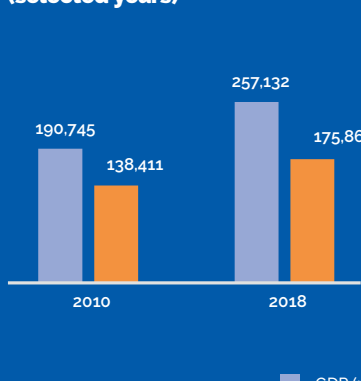
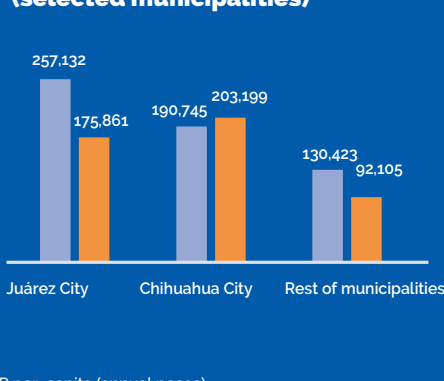


Juarez Gross Domestic Product (GDP) (selected years)



From 2010 to 2018, Gross Domestic Product (GDP) at constant prices grew 34.8%. Per capita GDP increased 27.0%.

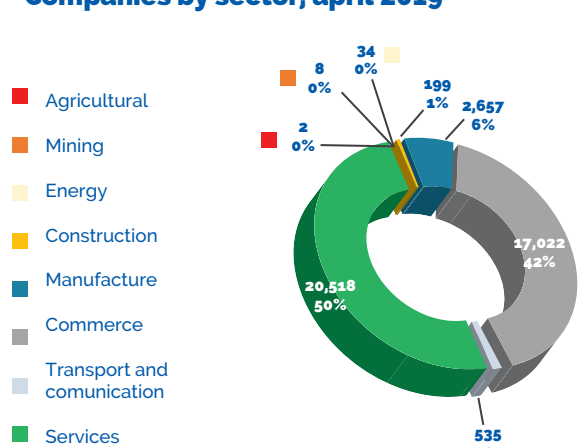
Juarez Gross Domestic Product (GDP) (selected municipalities)



According to Mexico's National Geography Institute (INEGI), the total GDP of Chihuahua State in 2018 estimated 562,365 million pesos, from which Juárez represents 45.7% of that total.

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

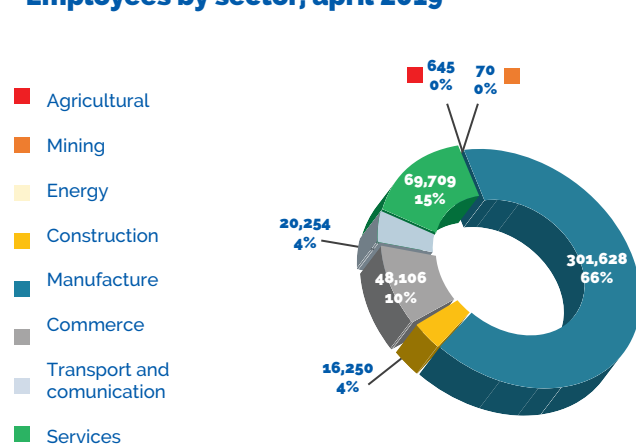
Companies by sector, april 2019



Most of the companies in 2019 are concentrated in the tertiary economic sector. There are 41,464 companies in Juárez this year, from which 8.01% of the manufacture sector belong to IMMEX or exportation industry (332 economic units).

Source: DECJ with data from DENUE-INEGI.

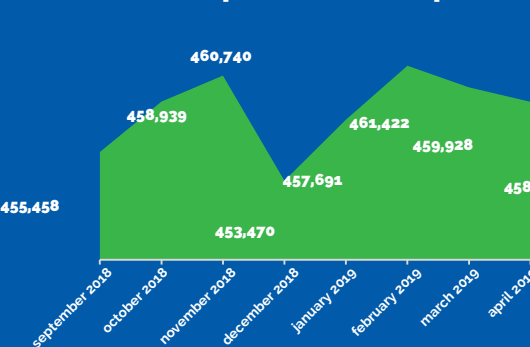
Employees by sector, april 2019



The manufacture sector continues to provide the largest number of jobs in the city. About 2,661 manufacturing companies occupy 66% of total employees.

Source: DECJ with data from IMSS

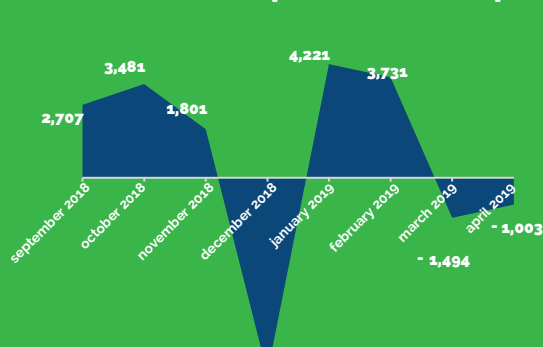
Total employment september 2018 - april 2019



Total formal employment in Juárez grew 0.76% from September 2018 to April 2019.

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

Employment generated september 2018 - april 2019



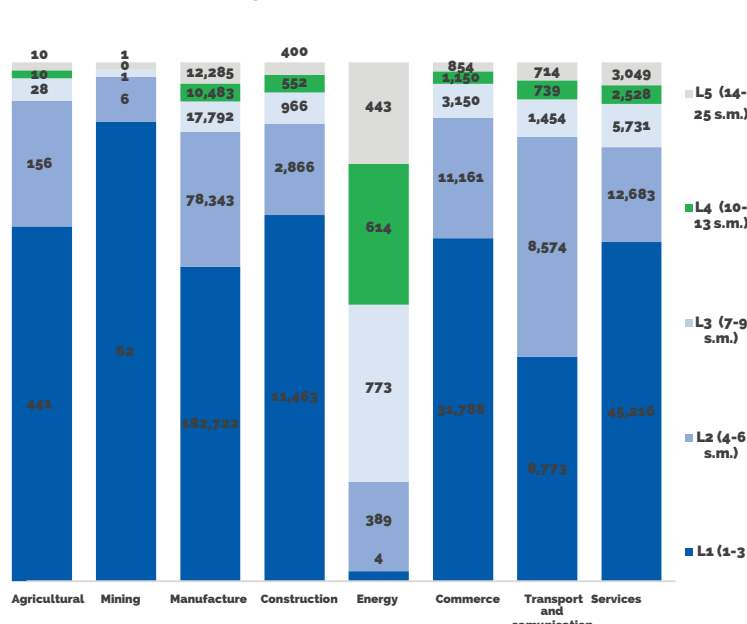
According to IMSS, formal employment in Juárez decreased by 1,003 jobs from March 2019 to April 2019.

Jobs by sector march-april, 2019

| Economic sector | Jobs march 2019 | Jobs april 2019 | Performance % |
|-----------------------------|-----------------|-----------------|---------------|
| Agricultural | 653 | 645 | -1.23% |
| Mining | 69 | 70 | 1.45% |
| Manufacture | 302,872 | 301,628 | -0.41% |
| Construction | 16,349 | 16,250 | 0.63% |
| Energy | 2,236 | 2,263 | 1.21% |
| Commerce | 47,959 | 48,106 | 0.31% |
| Transport and communication | 20,294 | 20,254 | -0.20% |
| Services | 69,696 | 69,709 | 0.02% |
| Total | 459,928 | 458,925 | -0.22% |

Mining, construction, energy, retail, and services sectors had a positive performance on creation of jobs from March 2019 to April 2019.

Jobs by wage level and sector



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

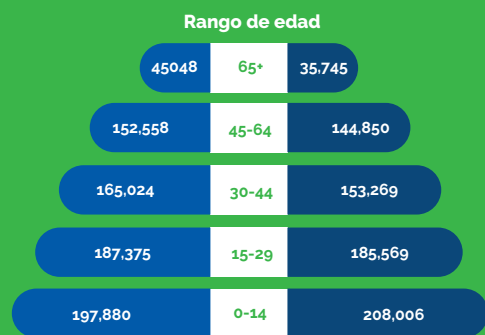
Population growth 2012-2019



In 2019, the estimated population in Juárez is 1,475,322. Population has grown at an estimated 6.1% annual rate for the last seven years.

Source: DECJ with data from Consejo Nacional de Población (CONAPO).

Population pyramid 2019



Juárez has a population bonus, which means that most of the population is of young age. Nearly 50% of individuals are in a range between 15 and 44 years old. In 2019, population density in the city was 4,182 people per km².

Imports by subsector Millions of pesos

| Subsector | 2004 | 2009 | 2014 |
|---------------------------|----------|----------|----------|
| Total | 1,428.07 | 1,638.98 | 2,286.85 |
| Transport vehicles | 27.29 | 29.94 | 30.29 |
| Vegetables, food and wood | 106.10 | 126.96 | 89.75 |
| Textiles and furniture | 84.08 | 44.21 | 49.54 |
| Chemical and plastic | 203.36 | 126.96 | 194.47 |
| Stone and glass | 5.88 | 7.40 | 11.35 |
| Minerals | 2.24 | 4.03 | 4.20 |
| Metals | 132.63 | 216.58 | 127.15 |
| Machinery | 362.51 | 463.03 | 740.46 |
| Electronic | 503.98 | 619.87 | 1,039.64 |

Exports in machinery commonly exceed its imports. This also occurs with electronics. Such subsectors are the most important for Juárez economy. The transport vehicles specialized subsector had a low impact on exports at the beginning of the measured period, changing dramatically by the end.

Exports by subsector Millions of pesos

| Subsector | 2004 | 2009 | 2014 |
|---------------------------|--------|--------|--------|
| Total | 20,303 | 20,457 | 38,446 |
| Transport vehicles | 429 | 715 | 1,915 |
| Vegetables, food and wood | 666 | 813 | 791 |
| Textiles and furniture | 1,150 | 809 | 1,440 |
| Chemical and plastic | 846 | 571 | 885 |
| Stone and glass | 22 | 122 | 75 |
| Minerals | 21 | 26 | 35 |
| Metals | 461 | 473 | 702 |
| Machinery | 8,602 | 9,693 | 21,222 |
| Electronic | 8,106 | 7,235 | 11,381 |

Sources: DECJ with data from Secretaría de Hacienda y Crédito Público (SHCP).

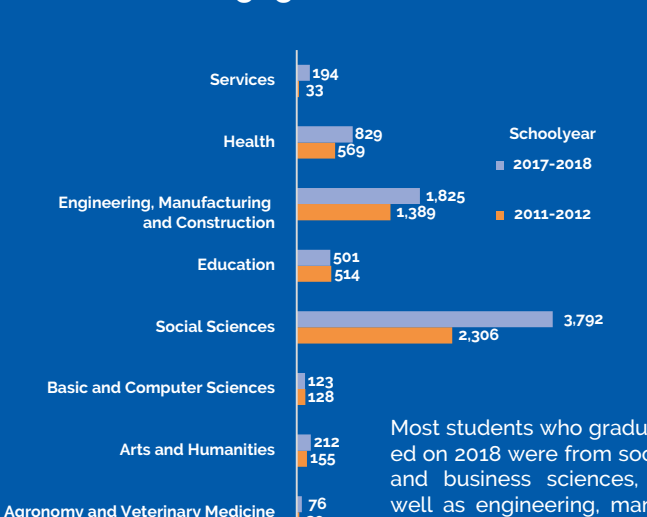
Higher education School year 2017-2018

| Higher education | Schools | Students |
|------------------|---------|----------|
| Juárez | 28 | 54,510 |

Juárez had in 2018, 28 higher education schools, serving 54,510 students, where approximately 7,766 of them graduated over the year.

| Type | Enrollment | New entry | Graduates | Diplomas |
|------------|------------|-----------|-----------|----------|
| Technician | 6,457 | 1,961 | 990 | 726 |
| Bachelor | 46,108 | 9,579 | 6,007 | 4,810 |
| Specialty | 265 | 36 | 84 | 60 |
| Master | 1,527 | 494 | 636 | 335 |
| Doctorate | 153 | 40 | 49 | 49 |

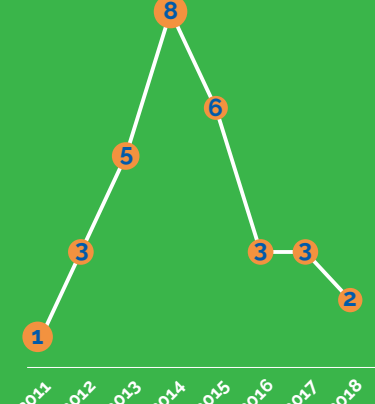
College graduates area



Most students who graduated in 2018 were from social and business sciences, as well as engineering, manufacturing and construction.

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

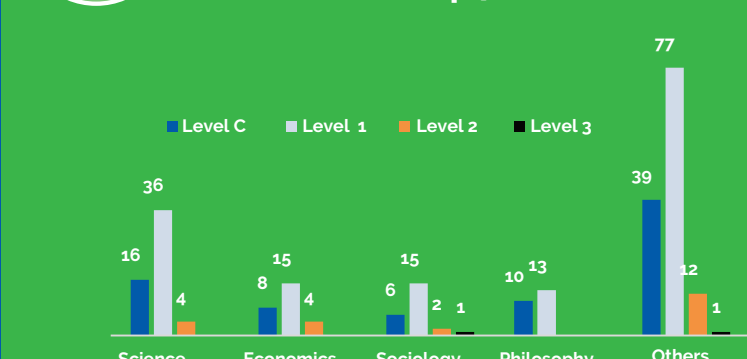
Patents granted to Juárez's inventors 2011-2014



From 2011 to 2014, the number of inventors with granted patents pending increased; however, from 2014 to 2018 the number of granted patents decreased.

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 (July 4) 2018



By 2018, most members of the National System of Researchers (SNI's) were related to Sciences of Technology and Economics. There were 156 in level I, 22 in level II, and two in level III.

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