



PERÚ

Ministerio de Trabajo  
y Promoción del Empleo

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## LA LIBERTAD: PRINCIPALES INDICADORES DEL MERCADO DE TRABAJO, 2004 - 2018

| Años                 | Población en<br>Edad de Trabajar<br>(PET) 1/ | Población Económicamente Activa (PEA) 2/ |            |               | Indicadores          |                             |                         |
|----------------------|----------------------------------------------|------------------------------------------|------------|---------------|----------------------|-----------------------------|-------------------------|
|                      |                                              | Total                                    | Ocupada 3/ | Desocupada 4/ | Tasa de<br>actividad | Ratio empleo /<br>población | Tasa de<br>desempleo 5/ |
| En miles de personas |                                              |                                          |            |               | En porcentaje        |                             |                         |
| 2004                 | 1,117.8                                      | 747.1                                    | 713.0      | 34.0          | 66.8                 | 63.8                        | 4.6                     |
| 2005                 | 1,140.8                                      | 769.7                                    | 735.7      | 34.0          | 67.5                 | 64.5                        | 4.4                     |
| 2006                 | 1,164.0                                      | 805.4                                    | 770.6      | 34.7          | 69.2                 | 66.2                        | 4.3                     |
| 2007                 | 1,187.2                                      | 829.4                                    | 790.6      | 38.8          | 69.9                 | 66.6                        | 4.7                     |
| 2008                 | 1,210.6                                      | 837.3                                    | 807.8      | 29.5          | 69.2                 | 66.7                        | 3.5                     |
| 2009                 | 1,234.0                                      | 903.4                                    | 864.4      | 39.0          | 73.2                 | 70.0                        | 4.3                     |
| 2010                 | 1,257.3                                      | 925.0                                    | 889.7      | 35.3          | 73.6                 | 70.8                        | 3.8                     |
| 2011                 | 1,280.5                                      | 908.9                                    | 876.7      | 32.2          | 71.0                 | 68.5                        | 3.5                     |
| 2012                 | 1,303.7                                      | 947.8                                    | 911.1      | 36.7          | 72.7                 | 69.9                        | 3.9                     |
| 2013                 | 1,326.9                                      | 944.7                                    | 898.3      | 46.5          | 71.2                 | 67.7                        | 4.9                     |
| 2014                 | 1,350.2                                      | 954.5                                    | 911.9      | 42.7          | 70.7                 | 67.5                        | 4.5                     |
| 2015                 | 1,373.8                                      | 952.6                                    | 918.7      | 33.9          | 69.3                 | 66.9                        | 3.6                     |
| 2016                 | 1,397.8                                      | 978.2                                    | 945.9      | 32.3          | 70.0                 | 67.7                        | 3.3                     |
| 2017                 | 1,422.0                                      | 1,005.6                                  | 976.3      | 29.2          | 70.7                 | 68.7                        | 2.9                     |
| 2018                 | 1,446.4                                      | 1,033.3                                  | 997.6      | 35.7          | 71.4                 | 69.0                        | 3.5                     |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Se refiere a las personas de 14 a más años de edad que están aptas en cuanto a edad para el ejercicio de funciones productivas.

2/ Se refiere a las personas en edad de trabajar que en la semana de referencia de la encuesta se encontraban trabajando, o no se encontraban trabajando pero estaban buscando trabajo activamente.

3/ Se refiere a las personas en edad de trabajar que en la semana de referencia de la encuesta se encontraban trabajando.

4/ Se refiere a las personas en edad de trabajar que en la semana de referencia de la encuesta no se encontraban trabajando pero estaban buscando trabajo activamente. Cifras referenciales para todos los años.

5/ Cifras referenciales para todos los años.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: DISTRIBUCIÓN DE LA PEA POR NIVEL DE EMPLEO, 2004 - 2018

(Porcentaje)

| Años | Desempleo<br>1/ | Subempleo |              |                    | Empleo<br>adecuado<br>4/ | Total<br>relativo | Total PEA<br>(Miles de<br>personas) |
|------|-----------------|-----------|--------------|--------------------|--------------------------|-------------------|-------------------------------------|
|      |                 | Total     | Por horas 2/ | Por ingresos<br>3/ |                          |                   |                                     |
| 2004 | 4.6             | 72.7      | 8.7          | 64.0               | 22.7                     | 100.0             | 747.1                               |
| 2005 | 4.4             | 71.0      | 9.2          | 61.9               | 24.6                     | 100.0             | 769.7                               |
| 2006 | 4.3             | 70.6      | 12.0         | 58.6               | 25.1                     | 100.0             | 805.4                               |
| 2007 | 4.7             | 65.0      | 10.5         | 54.5               | 30.3                     | 100.0             | 829.4                               |
| 2008 | 3.5             | 62.2      | 9.7          | 52.5               | 34.3                     | 100.0             | 837.3                               |
| 2009 | 4.3             | 57.2      | 9.7          | 47.4               | 38.5                     | 100.0             | 903.4                               |
| 2010 | 3.8             | 54.6      | 10.2         | 44.4               | 41.6                     | 100.0             | 925.0                               |
| 2011 | 3.5             | 54.6      | 9.5          | 45.1               | 41.8                     | 100.0             | 908.9                               |
| 2012 | 3.9             | 51.8      | 5.1          | 46.6               | 44.4                     | 100.0             | 947.8                               |
| 2013 | 4.9             | 51.4      | 5.6          | 45.8               | 43.7                     | 100.0             | 944.7                               |
| 2014 | 4.5             | 45.2      | 3.4          | 41.8               | 50.4                     | 100.0             | 954.5                               |
| 2015 | 3.6             | 48.3      | 4.5          | 43.8               | 48.2                     | 100.0             | 952.6                               |
| 2016 | 3.3             | 47.0      | 4.6          | 42.4               | 49.7                     | 100.0             | 978.2                               |
| 2017 | 2.9             | 43.6      | 3.3          | 40.4               | 53.4                     | 100.0             | 1,005.6                             |
| 2018 | 3.5             | 41.7      | 2.7          | 39.0               | 54.8                     | 100.0             | 1,033.3                             |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Se refiere a la PEA desocupada. Cifras referenciales para todos los años a excepción del 2013, 2014 y 2017.

2/ Se refiere a la PEA ocupada con menos de 35 horas semanales, que desea trabajar horas adicionales y tiene disponibilidad para hacerlo.

3/ Se refiere a la PEA ocupada que no es subempleada por horas y cuyo ingreso es inferior al Ingreso Mínimo Referencial (canasta mínima de consumo familiar / promedio de perceptores de ingresos laborales por hogar).

4/ Se refiere a la PEA ocupada que no es subempleada por horas ni subempleada por ingresos.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR ESTRUCTURA DE MERCADO, 2004 - 2018**  
(Porcentaje)

| Años | Sector público 1/ | Sector privado 2/ |                        |                             |                              |                    | Independiente | Trabajador familiar no remunerado | Trabajador del hogar 6/ | Total relativo | Total PEA ocupada (Miles de personas) |
|------|-------------------|-------------------|------------------------|-----------------------------|------------------------------|--------------------|---------------|-----------------------------------|-------------------------|----------------|---------------------------------------|
|      |                   | Total             | De 2 a 10 trabajadores | De 11 a 100 trabajadores 3/ | De 101 y más trabajadores 4/ | No especificado 5/ |               |                                   |                         |                |                                       |
| 2004 | 7.1               | 36.5              | 23.0                   | 6.3                         | 7.2                          | 0.0                | 37.4          | 14.8                              | 4.3                     | 100.0          | 713.0                                 |
| 2005 | 6.5               | 35.3              | 19.0                   | 9.0                         | 7.3                          | 0.0                | 37.8          | 17.1                              | 3.3                     | 100.0          | 735.7                                 |
| 2006 | 5.7               | 40.2              | 24.2                   | 8.6                         | 7.4                          | 0.0                | 35.4          | 15.5                              | 3.1                     | 100.0          | 770.6                                 |
| 2007 | 6.3               | 38.9              | 23.4                   | 8.2                         | 7.4                          | 0.0                | 37.5          | 13.3                              | 4.0                     | 100.0          | 790.6                                 |
| 2008 | 6.5               | 37.1              | 21.7                   | 9.3                         | 6.2                          | 0.0                | 38.5          | 15.0                              | 2.9                     | 100.0          | 807.8                                 |
| 2009 | 9.7               | 36.9              | 23.4                   | 6.9                         | 6.3                          | 0.2                | 36.9          | 14.5                              | 2.1                     | 100.0          | 864.4                                 |
| 2010 | 7.3               | 39.1              | 22.9                   | 8.8                         | 7.3                          | 0.0                | 35.9          | 14.6                              | 3.1                     | 100.0          | 889.7                                 |
| 2011 | 5.8               | 41.8              | 23.5                   | 9.6                         | 8.7                          | 0.1                | 35.3          | 14.0                              | 3.1                     | 100.0          | 876.7                                 |
| 2012 | 6.6               | 43.0              | 23.3                   | 10.0                        | 9.8                          | 0.0                | 33.4          | 13.1                              | 3.8                     | 100.0          | 911.1                                 |
| 2013 | 7.0               | 45.0              | 25.2                   | 10.0                        | 9.8                          | 0.0                | 33.0          | 12.5                              | 2.6                     | 100.0          | 898.3                                 |
| 2014 | 7.7               | 43.7              | 24.3                   | 9.5                         | 9.8                          | 0.1                | 36.3          | 10.1                              | 2.3                     | 100.0          | 911.9                                 |
| 2015 | 7.8               | 42.6              | 24.0                   | 9.8                         | 8.7                          | 0.0                | 37.3          | 9.3                               | 3.0                     | 100.0          | 918.7                                 |
| 2016 | 8.1               | 43.6              | 23.7                   | 9.7                         | 10.0                         | 0.1                | 36.8          | 8.0                               | 3.5                     | 100.0          | 945.9                                 |
| 2017 | 7.1               | 44.1              | 24.2                   | 11.0                        | 8.9                          | 0.0                | 37.7          | 8.2                               | 3.0                     | 100.0          | 976.3                                 |
| 2018 | 6.8               | 44.8              | 24.8                   | 9.9                         | 10.1                         | 0.0                | 38.4          | 7.9                               | 2.1                     | 100.0          | 997.6                                 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifra referencial para el año 2008.

2/ Incluye a los empleadores.

3/ Cifra referencial para el año 2006.

4/ Cifras referenciales para los años 2004 al 2010.

5/ Cifras referenciales para los años 2008, 2009, 2011, 2014 al 2017.

6/ Cifras referenciales para todos los años a excepción del 2012, 2016 y 2017.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR GRUPO OCUPACIONAL, 2004 - 2018**  
(Porcentaje)

| Años | Profesional,<br>técnico, gerente,<br>administrador y<br>funcionario | Empleado<br>de oficina 1/ | Vendedor | Agricultor, ganadero,<br>pescador, minero y<br>cantero | Artesano y<br>operario | Obrero,<br>jornalero 2/ | Conductor<br>3/ | Trabajador de<br>los servicios | Trabajador<br>del hogar 4/ | Total<br>relativo | PEA<br>ocupada<br>(Miles de<br>personas) |
|------|---------------------------------------------------------------------|---------------------------|----------|--------------------------------------------------------|------------------------|-------------------------|-----------------|--------------------------------|----------------------------|-------------------|------------------------------------------|
| 2004 | 9.8                                                                 | 3.7                       | 18.2     | 33.2                                                   | 12.2                   | 2.8                     | 4.8             | 11.0                           | 4.3                        | 100.0             | 713.0                                    |
| 2005 | 10.8                                                                | 4.2                       | 20.2     | 32.9                                                   | 10.1                   | 2.3                     | 4.8             | 11.5                           | 3.3                        | 100.0             | 735.7                                    |
| 2006 | 8.8                                                                 | 3.4                       | 19.2     | 33.8                                                   | 11.0                   | 2.8                     | 6.2             | 11.7                           | 3.1                        | 100.0             | 770.6                                    |
| 2007 | 12.5                                                                | 4.2                       | 19.4     | 27.1                                                   | 11.2                   | 3.4                     | 5.4             | 12.8                           | 4.0                        | 100.0             | 790.6                                    |
| 2008 | 11.0                                                                | 5.3                       | 17.4     | 28.3                                                   | 12.4                   | 4.7                     | 5.6             | 12.4                           | 2.9                        | 100.0             | 807.8                                    |
| 2009 | 10.9                                                                | 4.1                       | 18.0     | 27.4                                                   | 12.6                   | 4.7                     | 4.2             | 16.1                           | 2.1                        | 100.0             | 864.4                                    |
| 2010 | 10.8                                                                | 4.2                       | 17.7     | 26.8                                                   | 13.7                   | 3.9                     | 6.1             | 13.7                           | 3.1                        | 100.0             | 889.7                                    |
| 2011 | 9.5                                                                 | 5.0                       | 16.6     | 27.5                                                   | 13.7                   | 4.6                     | 6.8             | 13.2                           | 3.1                        | 100.0             | 876.7                                    |
| 2012 | 11.0                                                                | 5.6                       | 15.3     | 25.8                                                   | 12.7                   | 5.3                     | 6.1             | 14.2                           | 3.8                        | 100.0             | 911.1                                    |
| 2013 | 11.4                                                                | 6.2                       | 17.5     | 24.8                                                   | 12.3                   | 5.5                     | 5.3             | 14.3                           | 2.6                        | 100.0             | 898.3                                    |
| 2014 | 12.0                                                                | 5.6                       | 18.2     | 23.7                                                   | 12.3                   | 4.8                     | 6.8             | 14.3                           | 2.3                        | 100.0             | 911.9                                    |
| 2015 | 11.8                                                                | 4.8                       | 17.1     | 25.3                                                   | 12.2                   | 3.6                     | 7.0             | 15.2                           | 3.0                        | 100.0             | 918.7                                    |
| 2016 | 12.0                                                                | 5.8                       | 14.4     | 25.0                                                   | 12.6                   | 4.2                     | 6.3             | 16.2                           | 3.5                        | 100.0             | 945.9                                    |
| 2017 | 12.0                                                                | 6.2                       | 15.8     | 23.6                                                   | 12.2                   | 4.0                     | 8.1             | 15.2                           | 3.0                        | 100.0             | 976.3                                    |
| 2018 | 11.9                                                                | 5.9                       | 17.6     | 23.4                                                   | 14.3                   | 3.1                     | 7.2             | 14.5                           | 2.1                        | 100.0             | 997.6                                    |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Clasificación basada en el "Código de Ocupaciones" (Adaptación de la Clasificación Internacional Uniforme de Ocupaciones. Revisada: CIUO - 88).

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifras referenciales para los años 2004 al 2007, 2009, 2010 y 2015.

2/ Cifras referenciales para los años 2004 al 2011, 2015 y 2017.

3/ Cifras referenciales para los años 2004, 2005, 2008 al 2010.

4/ Cifras referenciales para los años 2004 al 2011, 2013 al 2015.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR CATEGORÍA OCUPACIONAL, 2004 - 2018

(Porcentaje)

| Años | Asalariado<br>privado 1/ | Independiente | Empleador 2/ | Asalariado<br>público 3/ | Trabajador<br>familiar no<br>remunerado | Trabajador del<br>hogar 4/ | Total relativo | PEA ocupada<br>(Miles de<br>personas) |
|------|--------------------------|---------------|--------------|--------------------------|-----------------------------------------|----------------------------|----------------|---------------------------------------|
| 2004 | 30.3                     | 37.4          | 6.2          | 7.1                      | 14.8                                    | 4.3                        | 100.0          | 713.0                                 |
| 2005 | 29.9                     | 37.8          | 5.4          | 6.5                      | 17.1                                    | 3.3                        | 100.0          | 735.7                                 |
| 2006 | 34.6                     | 35.4          | 5.7          | 5.7                      | 15.5                                    | 3.1                        | 100.0          | 770.6                                 |
| 2007 | 32.4                     | 37.5          | 6.5          | 6.3                      | 13.3                                    | 4.0                        | 100.0          | 790.6                                 |
| 2008 | 31.9                     | 38.5          | 5.2          | 6.5                      | 15.0                                    | 2.9                        | 100.0          | 807.8                                 |
| 2009 | 32.5                     | 36.9          | 4.4          | 9.7                      | 14.5                                    | 2.1                        | 100.0          | 864.4                                 |
| 2010 | 33.5                     | 35.9          | 5.5          | 7.3                      | 14.6                                    | 3.1                        | 100.0          | 889.7                                 |
| 2011 | 37.0                     | 35.3          | 4.9          | 5.8                      | 14.0                                    | 3.1                        | 100.0          | 876.7                                 |
| 2012 | 37.5                     | 33.4          | 5.5          | 6.6                      | 13.1                                    | 3.8                        | 100.0          | 911.1                                 |
| 2013 | 40.0                     | 33.0          | 5.0          | 7.0                      | 12.5                                    | 2.6                        | 100.0          | 898.3                                 |
| 2014 | 39.1                     | 36.3          | 4.5          | 7.7                      | 10.1                                    | 2.3                        | 100.0          | 911.9                                 |
| 2015 | 39.4                     | 37.3          | 3.2          | 7.8                      | 9.3                                     | 3.0                        | 100.0          | 918.7                                 |
| 2016 | 39.4                     | 36.8          | 4.2          | 8.1                      | 8.0                                     | 3.5                        | 100.0          | 945.9                                 |
| 2017 | 39.4                     | 37.7          | 4.7          | 7.1                      | 8.2                                     | 3.0                        | 100.0          | 976.3                                 |
| 2018 | 41.0                     | 38.4          | 3.8          | 6.8                      | 7.9                                     | 2.1                        | 100.0          | 997.6                                 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Comprende a los empleados y obreros privados.

2/ Cifras referenciales para los años 2005, 2007, 2010 y 2015.

3/ Comprende a los empleados y obreros públicos. Cifras referenciales para el año 2008.

4/ Cifras referenciales para todos los años a excepción del 2011, 2016 y 2017.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR RAMA DE ACTIVIDAD ECONÓMICA, 2007 - 2018

(Porcentaje)

| Años | Extractiva 1/ | Industria<br>Manufacturera | Construcción 2/ | Comercio | Servicios no<br>personales | Servicios<br>personales | Hogares 3/ | Total relativo | PEA ocupada<br>(Miles de<br>personas) |
|------|---------------|----------------------------|-----------------|----------|----------------------------|-------------------------|------------|----------------|---------------------------------------|
| 2007 | 27.8          | 12.0                       | 4.6             | 20.8     | 21.1                       | 9.7                     | 4.0        | 100.0          | 790.6                                 |
| 2008 | 28.7          | 10.9                       | 5.8             | 18.7     | 22.3                       | 10.7                    | 2.9        | 100.0          | 807.8                                 |
| 2009 | 27.8          | 11.5                       | 5.1             | 20.1     | 23.9                       | 9.6                     | 2.1        | 100.0          | 864.4                                 |
| 2010 | 27.7          | 12.4                       | 5.6             | 19.6     | 22.2                       | 9.4                     | 3.1        | 100.0          | 889.7                                 |
| 2011 | 28.2          | 12.6                       | 6.2             | 19.4     | 22.2                       | 8.2                     | 3.1        | 100.0          | 876.7                                 |
| 2012 | 27.2          | 12.9                       | 6.5             | 17.4     | 22.9                       | 9.4                     | 3.8        | 100.0          | 911.1                                 |
| 2013 | 25.9          | 12.6                       | 7.7             | 19.3     | 22.4                       | 9.5                     | 2.6        | 100.0          | 898.3                                 |
| 2014 | 24.7          | 11.8                       | 6.6             | 21.2     | 24.5                       | 8.9                     | 2.3        | 100.0          | 911.9                                 |
| 2015 | 26.8          | 8.7                        | 6.8             | 19.8     | 24.1                       | 10.8                    | 3.0        | 100.0          | 918.7                                 |
| 2016 | 26.3          | 11.6                       | 5.8             | 17.4     | 25.0                       | 10.4                    | 3.5        | 100.0          | 945.9                                 |
| 2017 | 25.1          | 10.6                       | 5.5             | 19.4     | 26.3                       | 10.0                    | 3.0        | 100.0          | 976.3                                 |
| 2018 | 25.1          | 12.5                       | 5.4             | 20.9     | 24.4                       | 9.7                     | 2.1        | 100.0          | 997.6                                 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Clasificación de ramas de actividad basada en el CIIU Rev. 4.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Comprende a las ramas Agricultura, ganadería, silvicultura, pesca y minería.

2/ Cifras referenciales para los años 2007 al 2009.

3/ Cifras referenciales para los años 2007 al 2011, 2013 al 2015.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2007 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR RANGO DE EDAD, 2004 - 2018**  
(Porcentaje)

| Años | 14 años 1/ | 15 a 29 años | 30 a 44 años | 45 a 64 años | 65 a más años 2/ | Total relativo | PEA ocupada (Miles de personas) |
|------|------------|--------------|--------------|--------------|------------------|----------------|---------------------------------|
| 2004 | 1.2        | 34.4         | 35.2         | 24.2         | 4.9              | 100.0          | 713.0                           |
| 2005 | 1.4        | 36.3         | 34.6         | 23.1         | 4.4              | 100.0          | 735.7                           |
| 2006 | 1.4        | 35.7         | 34.9         | 23.0         | 4.9              | 100.0          | 770.6                           |
| 2007 | 1.2        | 31.5         | 38.7         | 24.2         | 4.4              | 100.0          | 790.6                           |
| 2008 | 1.8        | 34.5         | 35.4         | 22.6         | 5.8              | 100.0          | 807.8                           |
| 2009 | 1.3        | 31.9         | 37.2         | 23.7         | 5.9              | 100.0          | 864.4                           |
| 2010 | 1.8        | 31.4         | 36.3         | 24.7         | 5.7              | 100.0          | 889.7                           |
| 2011 | 1.4        | 32.4         | 35.6         | 25.7         | 5.0              | 100.0          | 876.7                           |
| 2012 | 1.6        | 32.1         | 35.7         | 25.1         | 5.5              | 100.0          | 911.1                           |
| 2013 | 1.6        | 32.5         | 35.7         | 25.1         | 5.1              | 100.0          | 898.3                           |
| 2014 | 1.4        | 30.3         | 36.5         | 26.5         | 5.3              | 100.0          | 911.9                           |
| 2015 | 1.0        | 30.1         | 35.3         | 27.5         | 6.1              | 100.0          | 918.7                           |
| 2016 | 1.1        | 30.6         | 35.9         | 27.2         | 5.3              | 100.0          | 945.9                           |
| 2017 | 1.0        | 28.5         | 37.7         | 27.2         | 5.6              | 100.0          | 976.3                           |
| 2018 | 1.1        | 28.2         | 36.8         | 27.9         | 5.9              | 100.0          | 997.6                           |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifras referenciales para los años 2004 al 2017.

2/ Cifras referenciales para los años 2005 y 2006.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR NIVEL EDUCATIVO, 2004 - 2018**  
(Porcentaje)

| Años | Sin nivel 1/ | Primaria 2/ | Secundaria | Superior no universitaria | Superior Universitaria 3/ | Total relativo | PEA ocupada (Miles de personas) |
|------|--------------|-------------|------------|---------------------------|---------------------------|----------------|---------------------------------|
| 2004 | 6.6          | 33.5        | 38.9       | 12.4                      | 8.6                       | 100.0          | 713.0                           |
| 2005 | 5.6          | 32.5        | 39.1       | 12.9                      | 9.9                       | 100.0          | 735.7                           |
| 2006 | 5.2          | 36.5        | 39.5       | 11.1                      | 7.8                       | 100.0          | 770.6                           |
| 2007 | 5.0          | 31.6        | 37.3       | 12.3                      | 13.8                      | 100.0          | 790.6                           |
| 2008 | 5.5          | 30.7        | 39.1       | 12.9                      | 11.8                      | 100.0          | 807.8                           |
| 2009 | 4.6          | 32.2        | 36.8       | 12.8                      | 13.6                      | 100.0          | 864.4                           |
| 2010 | 5.8          | 26.6        | 42.2       | 13.0                      | 12.4                      | 100.0          | 889.7                           |
| 2011 | 5.2          | 29.8        | 40.3       | 13.0                      | 11.6                      | 100.0          | 876.7                           |
| 2012 | 4.1          | 30.5        | 37.0       | 12.7                      | 15.7                      | 100.0          | 911.1                           |
| 2013 | 4.4          | 28.9        | 38.7       | 12.5                      | 15.5                      | 100.0          | 898.3                           |
| 2014 | 3.3          | 29.3        | 38.4       | 14.4                      | 14.4                      | 100.0          | 911.9                           |
| 2015 | 4.2          | 29.3        | 37.7       | 13.4                      | 15.4                      | 100.0          | 918.7                           |
| 2016 | 4.0          | 27.9        | 38.8       | 13.6                      | 15.7                      | 100.0          | 945.9                           |
| 2017 | 3.6          | 27.4        | 39.5       | 14.6                      | 14.8                      | 100.0          | 976.3                           |
| 2018 | 3.8          | 24.8        | 39.7       | 15.2                      | 16.5                      | 100.0          | 997.6                           |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

El nivel educativo considera la educación completa e incompleta.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifras referenciales para los años 2004 al 2010, y 2012.

2/ Se incluye la educación básica para el año 2017.

3/ Cifras referenciales para los años 2004, 2005 y 2008.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR RANGO DE HORAS SEMANALES DE TRABAJO, 2004 - 2018

(Porcentaje)

| Años | Hasta 14 horas 1/ | 15 a 34 horas | 35 a 47 horas | 48 horas | 49 a 59 horas | 60 a más horas | Total relativo | PEA ocupada (Miles de personas) |
|------|-------------------|---------------|---------------|----------|---------------|----------------|----------------|---------------------------------|
| 2004 | 7.9               | 18.6          | 20.5          | 10.9     | 16.8          | 25.3           | 100.0          | 713.0                           |
| 2005 | 6.8               | 19.4          | 19.3          | 9.6      | 19.1          | 25.8           | 100.0          | 735.7                           |
| 2006 | 5.6               | 22.7          | 19.1          | 12.4     | 15.5          | 24.8           | 100.0          | 770.6                           |
| 2007 | 7.1               | 19.8          | 18.2          | 12.3     | 16.0          | 26.7           | 100.0          | 790.6                           |
| 2008 | 6.5               | 22.3          | 18.8          | 10.0     | 14.2          | 28.3           | 100.0          | 807.8                           |
| 2009 | 4.8               | 21.0          | 19.1          | 11.6     | 15.7          | 27.8           | 100.0          | 864.4                           |
| 2010 | 6.4               | 21.1          | 18.2          | 11.1     | 14.8          | 28.5           | 100.0          | 889.7                           |
| 2011 | 6.2               | 21.5          | 16.5          | 13.9     | 14.5          | 27.4           | 100.0          | 876.7                           |
| 2012 | 7.1               | 23.4          | 20.8          | 9.1      | 18.3          | 21.3           | 100.0          | 911.1                           |
| 2013 | 8.6               | 22.7          | 21.1          | 12.7     | 14.6          | 20.3           | 100.0          | 898.3                           |
| 2014 | 7.0               | 21.4          | 21.5          | 11.2     | 15.3          | 23.6           | 100.0          | 911.9                           |
| 2015 | 8.2               | 20.6          | 21.1          | 11.9     | 16.4          | 21.8           | 100.0          | 918.7                           |
| 2016 | 9.6               | 21.6          | 19.2          | 14.2     | 14.0          | 21.4           | 100.0          | 945.9                           |
| 2017 | 9.8               | 19.7          | 18.9          | 15.0     | 15.4          | 21.3           | 100.0          | 976.3                           |
| 2018 | 9.0               | 22.9          | 19.3          | 13.5     | 13.8          | 21.4           | 100.0          | 997.6                           |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Se considera las horas normales de trabajo semanal de las ocupaciones principal y secundaria del trabajador.

La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifra referencial para el año 2009.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: DISTRIBUCIÓN DE LA PEA OCUPADA POR RANGO DE INGRESOS, 2004 - 2018

(Porcentaje)

| Años | Sin ingreso | Menos de S/. 500 | De S/. 500 - S/. 999 | De S/. 1000 - S/. 1499 | De S/. 1500 a más 1/ | Total relativo | PEA ocupada (Miles de personas) |
|------|-------------|------------------|----------------------|------------------------|----------------------|----------------|---------------------------------|
| 2004 | 15.6        | 51.6             | 20.1                 | 6.9                    | 5.8                  | 100.0          | 713.0                           |
| 2005 | 17.8        | 49.2             | 19.6                 | 7.6                    | 5.8                  | 100.0          | 735.7                           |
| 2006 | 15.9        | 49.9             | 21.1                 | 7.4                    | 5.8                  | 100.0          | 770.6                           |
| 2007 | 13.9        | 46.6             | 22.0                 | 8.1                    | 9.4                  | 100.0          | 790.6                           |
| 2008 | 15.3        | 41.7             | 23.5                 | 9.9                    | 9.6                  | 100.0          | 807.8                           |
| 2009 | 14.7        | 38.0             | 25.2                 | 9.7                    | 12.3                 | 100.0          | 864.4                           |
| 2010 | 14.9        | 35.4             | 25.8                 | 11.9                   | 12.0                 | 100.0          | 889.7                           |
| 2011 | 14.3        | 32.7             | 27.0                 | 12.3                   | 13.7                 | 100.0          | 876.7                           |
| 2012 | 13.2        | 33.2             | 25.0                 | 13.7                   | 14.9                 | 100.0          | 911.1                           |
| 2013 | 12.5        | 32.6             | 22.8                 | 14.4                   | 17.7                 | 100.0          | 898.3                           |
| 2014 | 10.1        | 29.5             | 24.7                 | 16.0                   | 19.7                 | 100.0          | 911.9                           |
| 2015 | 9.5         | 28.4             | 26.0                 | 16.1                   | 20.0                 | 100.0          | 918.7                           |
| 2016 | 8.1         | 28.7             | 22.7                 | 16.1                   | 24.3                 | 100.0          | 945.9                           |
| 2017 | 8.2         | 25.7             | 23.5                 | 17.5                   | 25.1                 | 100.0          | 976.3                           |
| 2018 | 8.0         | 24.3             | 22.4                 | 20.0                   | 25.3                 | 100.0          | 997.6                           |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

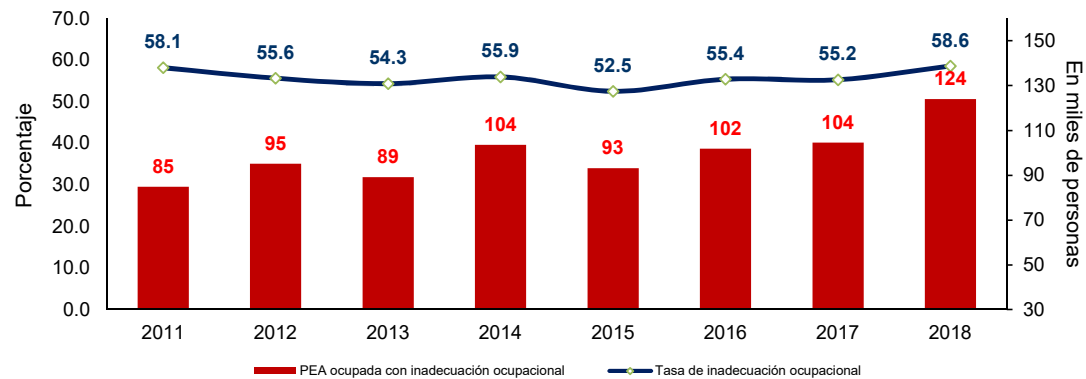
La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifra referencial para el año 2007.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: PEA OCUPADA CON EDUCACIÓN SUPERIOR COMPLETA INADECUADAM  
OCUPADA Y TASA DE INADECUACIÓN OCUPACIONAL, 2011 - 2018**  
(Porcentaje y en miles de personas)



**Nota:** Considera a la PEA ocupada de 18 años a más con educación superior universitaria y superior no universitaria culminada. Se excluye a los ocupados de las fuerzas armadas y policiales.

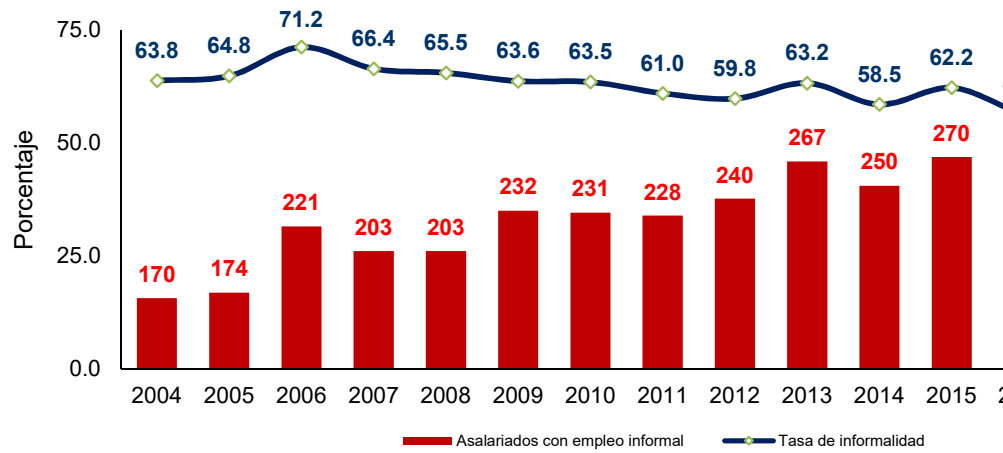
**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2011 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**IENTE**

## LA LIBERTAD: PEA OCUPADA ASALARIADA CON EMPLEO INFORMALIDAD, 2004 - 2018

(Porcentaje y en miles de personas)

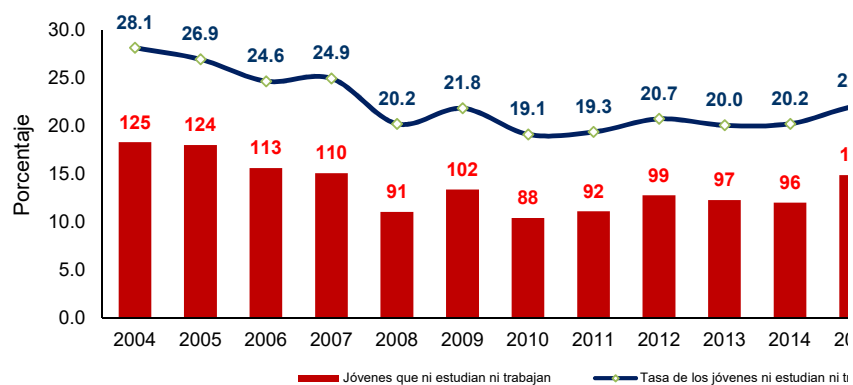


**Notas:** El empleo informal se calcula en base a la Metodología de la OIT. Comprende a aquellos trabajadores productivos que no cuentan con RUC registrado en la SUNAT o aquellos que no cuentan con beneficios social

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

# **LA LIBERTAD: POBLACIÓN JUVENIL QUE NI ESTUDIA NI TR.** (Porcentaje y en miles de personas)



**Nota:** Se considera la población juvenil de 15 a 29 años.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL MENSUAL PROMEDIO Y  
MEDIANA DE LA PEA OCUPADA, 2004 - 2018**

**(Soles)**

| <b>Años</b> | <b>Promedio 1/</b> | <b>Mediana</b> |
|-------------|--------------------|----------------|
| 2004        | 573                | 379            |
| 2005        | 589                | 380            |
| 2006        | 596                | 388            |
| 2007        | 821                | 447            |
| 2008        | 764                | 507            |
| 2009        | 923                | 549            |
| 2010        | 890                | 611            |
| 2011        | 895                | 652            |
| 2012        | 1,001              | 697            |
| 2013        | 1,041              | 746            |
| 2014        | 1,092              | 834            |
| 2015        | 1,129              | 811            |
| 2016        | 1,204              | 873            |
| 2017        | 1,256              | 932            |
| 2018        | 1,268              | 992            |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.  
Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.  
Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Cifra referencial para el año 2007.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR NIVEL DE EMPLEO, 2004 - 2018**

**(Soles)**

| Años | Subempleo |              |                 | Empleo adecuado<br>3/ | Total |
|------|-----------|--------------|-----------------|-----------------------|-------|
|      | Total     | Por horas 1/ | Por ingresos 2/ |                       |       |
| 2004 | 269       | 245          | 273             | 1,344                 | 573   |
| 2005 | 273       | 288          | 271             | 1,285                 | 589   |
| 2006 | 286       | 330          | 276             | 1,280                 | 596   |
| 2007 | 286       | 356          | 271             | 1,731                 | 821   |
| 2008 | 292       | 315          | 287             | 1,418                 | 764   |
| 2009 | 293       | 313          | 288             | 1,628                 | 923   |
| 2010 | 300       | 400          | 274             | 1,462                 | 890   |
| 2011 | 346       | 528          | 301             | 1,433                 | 895   |
| 2012 | 316       | 539          | 287             | 1,604                 | 1,001 |
| 2013 | 334       | 543          | 302             | 1,680                 | 1,041 |
| 2014 | 331       | 631          | 302             | 1,630                 | 1,092 |
| 2015 | 374       | 693          | 336             | 1,741                 | 1,129 |
| 2016 | 370       | 703          | 328             | 1,861                 | 1,204 |
| 2017 | 373       | 719          | 340             | 1,846                 | 1,256 |
| 2018 | 362       | 460          | 354             | 1,830                 | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Se refiere a la PEA ocupada con menos de 35 horas semanales, que desea trabajar horas adicionales y tiene disponibilidad para hacerlo. Cifras referenciales para los años 2006, 2008, 2010, 2012, y 2014 al 2015.

2/ Se refiere a la PEA ocupada que no es subempleada por horas y cuyo ingreso es inferior al Ingreso Mínimo Referencial (canasta mínima de consumo familiar / promedio de perceptores de ingresos laborales por hogar).

3/ Se refiere a la PEA ocupada que no es subempleada por horas ni subempleada por ingresos. Cifra referencial para el año 2007.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR ESTRUCTURA DE MERCADO,  
2004 - 2018  
(Soles)**

| Años | Sector público | Sector privado 1/ |                           |                             |                              | Independiente | Trabajador del hogar 5/ | Total |
|------|----------------|-------------------|---------------------------|-----------------------------|------------------------------|---------------|-------------------------|-------|
|      |                | Total             | 2 a 10<br>trabajadores 2/ | 11 a 100<br>trabajadores 3/ | 101 a más<br>trabajadores 4/ |               |                         |       |
| 2004 | 1,164          | 706               | 618                       | 637                         | 1,047                        | 368           | 314                     | 573   |
| 2005 | 1,185          | 750               | 631                       | 703                         | 1,115                        | 371           | 284                     | 589   |
| 2006 | 1,301          | 707               | 620                       | 644                         | 1,066                        | 383           | 354                     | 596   |
| 2007 | 1,473          | 1,106             | 772                       | 950                         | 2,343                        | 469           | 364                     | 821   |
| 2008 | 1,635          | 942               | 824                       | 1,012                       | 1,247                        | 473           | 438                     | 764   |
| 2009 | 1,647          | 794               | 785                       | 878                         | 1,682                        | 724           | 573                     | 923   |
| 2010 | 1,477          | 1,135             | 807                       | 1,247                       | 2,036                        | 545           | 442                     | 890   |
| 2011 | 1,555          | 1,112             | 939                       | 1,176                       | 1,506                        | 571           | 443                     | 895   |
| 2012 | 1,599          | 1,324             | 1,050                     | 1,231                       | 2,072                        | 514           | 607                     | 1,001 |
| 2013 | 1,806          | 1,013             | 1,097                     | 1,147                       | 1,808                        | 614           | 570                     | 1,041 |
| 2014 | 1,683          | 1,297             | 1,099                     | 1,225                       | 1,853                        | 754           | 570                     | 1,092 |
| 2015 | 2,018          | 1,163             | 1,186                     | 1,144                       | 1,907                        | 764           | 548                     | 1,129 |
| 2016 | 2,022          | 1,487             | 1,160                     | 1,820                       | 1,942                        | 743           | 628                     | 1,204 |
| 2017 | 2,016          | 1,527             | 1,210                     | 1,210                       | 2,252                        | 836           | 779                     | 1,256 |
| 2018 | 2,321          | 1,500             | 1,229                     | 1,705                       | 1,967                        | 836           | 836                     | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Incluye a los empleadores.

2/ Cifra referencial para el año 2007.

3/ Cifras referenciales para los años 2008 y 2010.

4/ Cifras referenciales para los años 2007 y 2010.

5/ Cifra referencial para el año 2009.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

# LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR GRUPO OCUPACIONAL, 2004 - 2018

(Soles)

| Años | Profesional,<br>técnico, gerente,<br>administrador y<br>funcionario | Empleado<br>de oficina<br>1/ | Vendedor<br>2/ | Agricultor, ganadero,<br>pescador, minero y<br>cantero 3/ | Artesano y<br>operario 4/ | Obrero,<br>jornalero 5/ | Conductor<br>6/ | Trabajador de<br>los servicios<br>7/ | Trabajador<br>del hogar 8/ | Total |
|------|---------------------------------------------------------------------|------------------------------|----------------|-----------------------------------------------------------|---------------------------|-------------------------|-----------------|--------------------------------------|----------------------------|-------|
| 2004 | 1,153                                                               | 1,072                        | 490            | 400                                                       | 514                       | 776                     | 647             | 462                                  | 314                        | 573   |
| 2005 | 1,223                                                               | 996                          | 463            | 349                                                       | 526                       | 502                     | 795             | 591                                  | 284                        | 589   |
| 2006 | 1,232                                                               | 952                          | 455            | 423                                                       | 539                       | 427                     | 934             | 538                                  | 354                        | 596   |
| 2007 | 1,586                                                               | 2,970                        | 691            | 366                                                       | 638                       | 546                     | 725             | 637                                  | 364                        | 821   |
| 2008 | 1,433                                                               | 1,286                        | 545            | 532                                                       | 647                       | 612                     | 962             | 718                                  | 438                        | 764   |
| 2009 | 1,739                                                               | 1,174                        | 798            | 824                                                       | 785                       | 705                     | 738             | 797                                  | 573                        | 923   |
| 2010 | 1,586                                                               | 1,322                        | 850            | 526                                                       | 814                       | 724                     | 907             | 957                                  | 442                        | 890   |
| 2011 | 1,581                                                               | 1,277                        | 764            | 591                                                       | 834                       | 828                     | 1,066           | 940                                  | 443                        | 895   |
| 2012 | 1,942                                                               | 1,361                        | 828            | 574                                                       | 884                       | 1,011                   | 1,122           | 961                                  | 607                        | 1,001 |
| 2013 | 1,698                                                               | 1,699                        | 830            | 665                                                       | 946                       | 1,083                   | 1,231           | 987                                  | 570                        | 1,041 |
| 2014 | 1,910                                                               | 1,424                        | 807            | 844                                                       | 1,139                     | 1,085                   | 1,225           | 870                                  | 570                        | 1,092 |
| 2015 | 2,112                                                               | 1,641                        | 973            | 629                                                       | 1,058                     | 1,040                   | 1,267           | 1,136                                | 548                        | 1,129 |
| 2016 | 2,372                                                               | 1,692                        | 969            | 757                                                       | 1,042                     | 1,048                   | 1,318           | 1,155                                | 628                        | 1,204 |
| 2017 | 2,247                                                               | 1,734                        | 1,020          | 832                                                       | 1,149                     | 1,313                   | 1,554           | 1,014                                | 779                        | 1,256 |
| 2018 | 2,235                                                               | 1,840                        | 931            | 833                                                       | 1,146                     | 1,275                   | 1,404           | 1,303                                | 836                        | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

Clasificación basada en el "Código de Ocupaciones" (Adaptación de la Clasificación Internacional Uniforme de Ocupaciones. Revisada: CIUO - 88).

1/ Cifras referenciales para los años 2004 al 2007, 2009 y 2010.

2/ Cifras referenciales para los años 2007, 2009 y 2010.

3/ Cifras referenciales para los años 2008 y 2009.

4/ Cifra referencial para el año 2009.

5/ Cifras referenciales para los años 2004, 2006 y 2007.

6/ Cifras referenciales para los años 2006 y 2008.

7/ Cifras referenciales para los años 2008 y 2013.

8/ Cifra referencial para el año 2009.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR CATEGORÍA  
OCUPACIONAL, 2004 - 2018**

(Soles)

| Años | Asalariado<br>privado 1/ | Independiente | Empleador 2/ | Asalariado<br>público | Trabajador del<br>hogar 3/ | Total |
|------|--------------------------|---------------|--------------|-----------------------|----------------------------|-------|
| 2004 | 590                      | 368           | 1,273        | 1,164                 | 314                        | 573   |
| 2005 | 651                      | 371           | 1,298        | 1,185                 | 284                        | 589   |
| 2006 | 579                      | 383           | 1,488        | 1,301                 | 354                        | 596   |
| 2007 | 977                      | 469           | 1,738        | 1,473                 | 364                        | 821   |
| 2008 | 788                      | 473           | 1,878        | 1,635                 | 438                        | 764   |
| 2009 | 847                      | 724           | 1,760        | 1,647                 | 573                        | 923   |
| 2010 | 1,034                    | 545           | 1,745        | 1,477                 | 442                        | 890   |
| 2011 | 1,013                    | 571           | 1,853        | 1,555                 | 443                        | 895   |
| 2012 | 1,174                    | 514           | 2,341        | 1,599                 | 607                        | 1,001 |
| 2013 | 1,098                    | 614           | 2,578        | 1,806                 | 570                        | 1,041 |
| 2014 | 1,202                    | 754           | 2,120        | 1,683                 | 570                        | 1,092 |
| 2015 | 1,175                    | 764           | 3,209        | 2,018                 | 548                        | 1,129 |
| 2016 | 1,358                    | 743           | 2,703        | 2,022                 | 628                        | 1,204 |
| 2017 | 1,406                    | 836           | 2,546        | 2,016                 | 779                        | 1,256 |
| 2018 | 1,387                    | 836           | 2,735        | 2,321                 | 836                        | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Comprende a los empleados y obreros del sector privado. Cifra referencial para el año 2007.

2/ Cifras referenciales para los años 2004, 2007 al 2009, 2012, 2014 y 2015.

3/ Cifra referencial para los año 2009.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR RAMA DE ACTIVIDAD ECONÓMICA,  
2007 - 2018  
(Soles)**

| Años | Extractiva 1/ | Industria<br>Manufacturera 2/ | Construcción 3/ | Comercio 4/ | Servicios no<br>personales | Servicios<br>personales 5/ | Hogares 6/ | Total |
|------|---------------|-------------------------------|-----------------|-------------|----------------------------|----------------------------|------------|-------|
| 2007 | 442           | 1,587                         | 702             | 728         | 1,057                      | 555                        | 364        | 821   |
| 2008 | 565           | 720                           | 1,073           | 609         | 1,109                      | 583                        | 438        | 764   |
| 2009 | 845           | 831                           | 873             | 868         | 1,229                      | 567                        | 573        | 923   |
| 2010 | 605           | 1,161                         | 1,079           | 707         | 1,241                      | 637                        | 442        | 890   |
| 2011 | 637           | 1,011                         | 1,004           | 864         | 1,156                      | 776                        | 443        | 895   |
| 2012 | 781           | 1,007                         | 1,104           | 888         | 1,397                      | 723                        | 607        | 1,001 |
| 2013 | 765           | 1,131                         | 1,262           | 936         | 1,319                      | 950                        | 570        | 1,041 |
| 2014 | 977           | 1,327                         | 1,235           | 860         | 1,387                      | 720                        | 570        | 1,092 |
| 2015 | 748           | 1,117                         | 1,272           | 1,149       | 1,531                      | 1,001                      | 548        | 1,129 |
| 2016 | 886           | 1,085                         | 1,735           | 1,202       | 1,649                      | 809                        | 628        | 1,204 |
| 2017 | 971           | 1,306                         | 1,586           | 1,233       | 1,615                      | 818                        | 779        | 1,256 |
| 2018 | 947           | 1,314                         | 1,610           | 1,090       | 1,735                      | 953                        | 836        | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

Clasificación de ramas de actividad económica basada en el CIIU Rev. 4.

1/ Comprende a las ramas Agricultura, ganadería, silvicultura, pesca y minería. Cifra referencial para el año 2008.

2/ Cifras referenciales para los años 2007 y 2010.

3/ Cifras referenciales para los años 2008 y 2009.

4/ Cifra referencial para el año 2009.

5/ Cifras referenciales para los años 2007, 2012, 2013 y 2015.

6/ Cifraa referencial para el año 2009

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2007 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR RANGO DE EDAD, 2004  
- 2018  
(Soles)**

| Años | 14 años 1/ | 15 a 29 años | 30 a 44 años 2/ | 45 a 64 años | 65 a más años 3/ | Total |
|------|------------|--------------|-----------------|--------------|------------------|-------|
| 2004 | 132        | 420          | 677             | 646          | 398              | 573   |
| 2005 | 77         | 461          | 646             | 723          | 348              | 589   |
| 2006 | 153        | 426          | 651             | 767          | 488              | 596   |
| 2007 | 49         | 458          | 1,049           | 958          | 334              | 821   |
| 2008 | 157        | 595          | 872             | 902          | 441              | 764   |
| 2009 | 267        | 723          | 1,125           | 965          | 414              | 923   |
| 2010 | 245        | 641          | 1,080           | 1,014        | 384              | 890   |
| 2011 | 277        | 743          | 962             | 1,036        | 558              | 895   |
| 2012 | 137        | 806          | 1,066           | 1,247        | 574              | 1,001 |
| 2013 | 357        | 870          | 1,093           | 1,276        | 530              | 1,041 |
| 2014 | 239        | 942          | 1,174           | 1,246        | 642              | 1,092 |
| 2015 | 254        | 936          | 1,256           | 1,270        | 663              | 1,129 |
| 2016 | 323        | 1,032        | 1,313           | 1,392        | 448              | 1,204 |
| 2017 | 510        | 1,089        | 1,340           | 1,421        | 700              | 1,256 |
| 2018 | 317        | 1,067        | 1,351           | 1,467        | 744              | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Cifras referenciales para todos los años.

2/ Cifra referencial para el año 2007.

3/ Cifras referenciales para todos los años a excepción del 2009, 2011, 2016 y 2017.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR NIVEL  
EDUCATIVO, 2004 - 2018  
(Soles)**

| Años | Sin nivel 1/ | Primaria | Secundaria | Superior no<br>universitaria 2/ | Superior<br>Universitaria 3/ | Total |
|------|--------------|----------|------------|---------------------------------|------------------------------|-------|
| 2004 | 186          | 354      | 565        | 805                             | 1,193                        | 573   |
| 2005 | 193          | 360      | 561        | 754                             | 1,311                        | 589   |
| 2006 | 345          | 397      | 625        | 680                             | 1,235                        | 596   |
| 2007 | 204          | 369      | 608        | 1,043                           | 2,211                        | 821   |
| 2008 | 350          | 509      | 691        | 927                             | 1,493                        | 764   |
| 2009 | 501          | 685      | 781        | 1,007                           | 1,778                        | 923   |
| 2010 | 328          | 539      | 758        | 1,109                           | 1,912                        | 890   |
| 2011 | 408          | 586      | 898        | 1,089                           | 1,506                        | 895   |
| 2012 | 324          | 602      | 925        | 1,311                           | 1,731                        | 1,001 |
| 2013 | 567          | 724      | 945        | 1,316                           | 1,643                        | 1,041 |
| 2014 | 459          | 779      | 1,032      | 1,364                           | 1,668                        | 1,092 |
| 2015 | 457          | 747      | 1,016      | 1,439                           | 1,937                        | 1,129 |
| 2016 | 478          | 792      | 1,034      | 1,429                           | 2,243                        | 1,204 |
| 2017 | 532          | 844      | 1,176      | 1,554                           | 2,033                        | 1,256 |
| 2018 | 496          | 844      | 1,125      | 1,542                           | 2,083                        | 1,268 |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

El nivel educativo considera la educación completa e incompleta.

1/ Cifras referenciales a excepción del 2014.

2/ Cifras referenciales para el 2007 y 2009.

3/ Cifras referenciales para el 2007, 2009 y 2010.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR RANGO DE HORAS  
SEMANALES DE TRABAJO, 2004 - 2018**

**(Soles)**

| <b>Años</b> | <b>Hasta 14 horas<br/>1/</b> | <b>De 15 a 34 horas<br/>2/</b> | <b>De 35 a 47 horas</b> | <b>48 horas<br/>3/</b> | <b>De 49 a 59 horas<br/>4/</b> | <b>60 a más horas</b> | <b>Total</b> |
|-------------|------------------------------|--------------------------------|-------------------------|------------------------|--------------------------------|-----------------------|--------------|
| 2004        | 162                          | 371                            | 677                     | 653                    | 582                            | 699                   | 573          |
| 2005        | 158                          | 357                            | 677                     | 615                    | 620                            | 728                   | 589          |
| 2006        | 165                          | 398                            | 554                     | 530                    | 634                            | 863                   | 596          |
| 2007        | 173                          | 588                            | 682                     | 614                    | 1,357                          | 964                   | 821          |
| 2008        | 130                          | 470                            | 906                     | 860                    | 761                            | 942                   | 764          |
| 2009        | 133                          | 362                            | 1,063                   | 1,145                  | 1,022                          | 1,117                 | 923          |
| 2010        | 164                          | 492                            | 734                     | 889                    | 1,121                          | 1,204                 | 890          |
| 2011        | 272                          | 525                            | 839                     | 914                    | 1,028                          | 1,190                 | 895          |
| 2012        | 193                          | 637                            | 1,034                   | 1,033                  | 1,244                          | 1,310                 | 1,001        |
| 2013        | 338                          | 662                            | 1,156                   | 1,157                  | 1,042                          | 1,464                 | 1,041        |
| 2014        | 272                          | 648                            | 1,233                   | 1,100                  | 1,260                          | 1,415                 | 1,092        |
| 2015        | 238                          | 695                            | 1,314                   | 1,082                  | 1,341                          | 1,500                 | 1,129        |
| 2016        | 407                          | 765                            | 1,384                   | 1,405                  | 1,438                          | 1,502                 | 1,204        |
| 2017        | 292                          | 823                            | 1,320                   | 1,395                  | 1,594                          | 1,629                 | 1,256        |
| 2018        | 425                          | 913                            | 1,470                   | 1,425                  | 1,515                          | 1,516                 | 1,268        |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda del 2007.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingresos.

Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Cifras referenciales para los años 2007, 2009, 2010, 2011, 2013, 2014 y 2016.

2/ Cifras referenciales para los años 2006 y 2007.

3/ Cifras referenciales para los años 2004, 2005 y 2008.

4/ Cifras referenciales para los años 2007 y 2010.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: INGRESO LABORAL PROMEDIO MENSUAL DE LOS ASALARIADOS POR CONDICIÓN DE INFORMALIDAD, 2004 - 2018

(Soles)

| Años | Total | Empleo informal | Empleo formal |
|------|-------|-----------------|---------------|
| 2004 | 693   | 387             | 1,214         |
| 2005 | 742   | 449             | 1,265         |
| 2006 | 677   | 440             | 1,254         |
| 2007 | 1,057 | 515             | 2,101         |
| 2008 | 931   | 544             | 1,654         |
| 2009 | 1,029 | 624             | 1,732         |
| 2010 | 1,112 | 675             | 1,865         |
| 2011 | 1,087 | 776             | 1,568         |
| 2012 | 1,237 | 767             | 1,934         |
| 2013 | 1,203 | 829             | 1,845         |
| 2014 | 1,281 | 906             | 1,810         |
| 2015 | 1,314 | 895             | 2,001         |
| 2016 | 1,472 | 964             | 2,135         |
| 2017 | 1,499 | 994             | 2,148         |
| 2018 | 1,519 | 994             | 2,147         |

**Notas:** El empleo informal se calcula en base a la Metodología de la OIT. Comprende a aquellos trabajadores que laboraron en unidades productivas que no cuentan con RUC registrado en la SUNAT o aquellos que no cuentan con beneficios sociales como seguro de salud.

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin i  
Se considera los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**CIUDAD DE TRUJILLO: INDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Trujillo |               |                            |          |                                 |              |
|-----------|------|----------|---------------|----------------------------|----------|---------------------------------|--------------|
|           |      | Total    | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 1997      | OCT. | 53.1     | 43.6          | 36.2                       | 95.1     | 65.6                            | 58.7         |
|           | NOV. | 53.3     | 45.7          | 36.3                       | 91.9     | 65.3                            | 58.8         |
|           | DIC. | 52.2     | 44.1          | 35.4                       | 86.4     | 65.7                            | 58.8         |
| 1998      | ENE. | 48.0     | 43.7          | 29.4                       | 81.6     | 65.2                            | 53.9         |
|           | FEB. | 46.9     | 44.5          | 30.4                       | 81.3     | 65.7                            | 49.6         |
|           | MAR. | 47.6     | 42.0          | 31.6                       | 78.8     | 65.5                            | 52.4         |
|           | ABR. | 48.0     | 44.6          | 31.8                       | 79.2     | 66.0                            | 51.8         |
|           | MAY. | 49.9     | 43.9          | 33.6                       | 77.1     | 65.9                            | 56.2         |
|           | JUN. | 50.7     | 44.1          | 35.3                       | 78.0     | 66.1                            | 56.5         |
|           | JUL. | 50.5     | 43.2          | 34.2                       | 78.0     | 67.1                            | 57.5         |
|           | AGO. | 50.9     | 47.6          | 33.6                       | 77.9     | 67.6                            | 56.8         |
|           | SET. | 50.8     | 46.8          | 34.0                       | 76.8     | 68.5                            | 56.5         |
|           | OCT. | 50.7     | 49.4          | 33.8                       | 75.2     | 64.9                            | 56.4         |
|           | NOV. | 51.5     | 51.9          | 34.2                       | 76.6     | 64.1                            | 57.0         |
|           | DIC. | 51.4     | 51.6          | 34.2                       | 77.8     | 64.2                            | 56.5         |
| 1999      | ENE. | 50.0     | 52.1          | 34.1                       | 75.4     | 64.6                            | 52.7         |
|           | FEB. | 49.8     | 54.5          | 34.1                       | 73.0     | 64.2                            | 51.7         |
|           | MAR. | 48.8     | 51.7          | 34.6                       | 74.7     | 64.4                            | 48.9         |
|           | ABR. | 50.0     | 54.7          | 34.6                       | 72.8     | 65.2                            | 51.5         |
|           | MAY. | 51.5     | 57.6          | 34.5                       | 72.7     | 65.2                            | 54.6         |
|           | JUN. | 52.1     | 59.3          | 34.1                       | 73.6     | 64.2                            | 55.9         |
|           | JUL. | 51.3     | 57.1          | 34.4                       | 73.1     | 61.8                            | 55.0         |
|           | AGO. | 50.3     | 53.7          | 33.2                       | 71.0     | 63.7                            | 55.2         |
|           | SET. | 51.9     | 61.2          | 33.2                       | 73.7     | 64.3                            | 55.1         |
|           | OCT. | 52.0     | 61.3          | 33.6                       | 72.8     | 64.0                            | 55.4         |
|           | NOV. | 52.4     | 65.1          | 33.5                       | 71.3     | 61.7                            | 55.7         |
|           | DIC. | 52.7     | 66.1          | 34.2                       | 71.0     | 61.9                            | 55.6         |
| 2000      | ENE. | 50.8     | 64.9          | 33.9                       | 69.1     | 60.9                            | 51.9         |
|           | FEB. | 49.1     | 66.9          | 34.3                       | 66.7     | 60.3                            | 46.4         |
|           | MAR. | 49.6     | 65.6          | 35.0                       | 65.3     | 58.9                            | 48.6         |
|           | ABR. | 49.8     | 63.0          | 34.7                       | 65.2     | 59.6                            | 50.7         |
|           | MAY. | 52.7     | 64.8          | 34.3                       | 68.8     | 59.3                            | 57.3         |
|           | JUN. | 53.9     | 67.4          | 35.2                       | 70.9     | 57.4                            | 58.2         |
|           | JUL. | 53.2     | 65.0          | 33.5                       | 70.9     | 56.7                            | 58.9         |
|           | AGO. | 53.4     | 68.9          | 33.3                       | 68.1     | 57.0                            | 59.6         |
|           | SET. | 52.4     | 63.5          | 36.1                       | 72.9     | 56.0                            | 53.9         |
|           | OCT. | 53.1     | 63.0          | 35.0                       | 73.2     | 55.9                            | 57.1         |
|           | NOV. | 53.3     | 62.6          | 36.0                       | 72.7     | 56.6                            | 56.7         |
|           | DIC. | 53.2     | 64.9          | 35.5                       | 71.0     | 57.0                            | 56.4         |
| 2001      | ENE. | 50.6     | 64.1          | 34.3                       | 68.5     | 56.8                            | 51.7         |
|           | FEB. | 48.8     | 64.7          | 34.2                       | 67.7     | 56.6                            | 46.8         |
|           | MAR. | 47.9     | 60.3          | 34.2                       | 66.9     | 57.3                            | 46.0         |
|           | ABR. | 48.6     | 58.3          | 33.6                       | 67.2     | 57.7                            | 48.9         |
|           | MAY. | 49.9     | 57.4          | 33.2                       | 68.5     | 55.6                            | 53.5         |
|           | JUN. | 50.7     | 58.5          | 34.0                       | 64.6     | 55.1                            | 55.8         |
|           | JUL. | 50.1     | 58.1          | 33.6                       | 63.2     | 53.1                            | 55.3         |
|           | AGO. | 50.5     | 61.0          | 33.5                       | 63.9     | 53.2                            | 55.1         |
|           | SET. | 49.0     | 63.1          | 33.0                       | 62.9     | 52.4                            | 51.3         |
|           | OCT. | 50.0     | 59.5          | 33.4                       | 63.9     | 51.4                            | 54.9         |
|           | NOV. | 50.6     | 61.6          | 33.9                       | 63.7     | 52.7                            | 54.8         |
|           | DIC. | 51.3     | 62.5          | 34.5                       | 64.0     | 51.5                            | 56.2         |
| 2002      | ENE. | 47.9     | 57.4          | 32.4                       | 67.8     | 49.8                            | 50.4         |
|           | FEB. | 46.2     | 53.6          | 32.7                       | 69.4     | 52.1                            | 46.1         |
|           | MAR. | 48.0     | 60.2          | 33.7                       | 69.5     | 52.9                            | 47.3         |
|           | ABR. | 51.3     | 65.9          | 36.7                       | 66.4     | 52.0                            | 51.8         |
|           | MAY. | 54.5     | 70.9          | 36.6                       | 66.4     | 51.8                            | 58.7         |
|           | JUN. | 54.1     | 66.1          | 37.0                       | 66.9     | 51.9                            | 59.2         |

**CIUDAD DE TRUJILLO: INDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                                 |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2003      |          |               |                         |          |                                 |              |
| JUL.      | 53.5     | 64.3          | 35.8                    | 67.2     | 51.7                            | 59.4         |
| AGO.      | 53.0     | 60.4          | 35.4                    | 66.1     | 52.7                            | 59.8         |
| SET.      | 52.5     | 67.4          | 35.7                    | 65.4     | 53.3                            | 55.5         |
| OCT.      | 55.1     | 68.2          | 35.7                    | 67.3     | 55.8                            | 61.2         |
| NOV.      | 55.6     | 71.2          | 35.7                    | 67.9     | 55.1                            | 61.4         |
| DIC.      | 55.4     | 71.2          | 36.0                    | 66.8     | 54.8                            | 60.9         |
| ENE.      | 53.4     | 71.5          | 35.6                    | 67.2     | 57.4                            | 54.8         |
| FEB.      | 51.4     | 68.1          | 36.0                    | 66.8     | 58.1                            | 50.2         |
| MAR.      | 53.3     | 75.0          | 39.0                    | 67.9     | 58.6                            | 49.2         |
| ABR.      | 56.0     | 78.9          | 39.7                    | 68.4     | 58.8                            | 54.3         |
| MAY.      | 58.6     | 76.5          | 39.8                    | 67.4     | 58.3                            | 63.1         |
| JUN.      | 58.8     | 75.1          | 40.6                    | 67.6     | 58.8                            | 63.7         |
| JUL.      | 59.9     | 73.9          | 40.3                    | 75.7     | 62.4                            | 64.1         |
| AGO.      | 59.4     | 73.0          | 40.3                    | 75.0     | 62.2                            | 63.4         |
| SET.      | 58.7     | 71.5          | 43.1                    | 74.4     | 63.1                            | 59.6         |
| OCT.      | 60.1     | 72.5          | 43.9                    | 66.2     | 65.5                            | 64.4         |
| NOV.      | 60.7     | 73.0          | 45.0                    | 66.9     | 65.0                            | 64.9         |
| DIC.      | 61.4     | 77.8          | 44.9                    | 67.3     | 63.7                            | 64.8         |
| 2004      |          |               |                         |          |                                 |              |
| ENE.      | 58.4     | 75.1          | 43.4                    | 68.8     | 62.4                            | 58.7         |
| FEB.      | 56.7     | 76.3          | 43.5                    | 67.8     | 62.1                            | 53.0         |
| MAR.      | 55.9     | 76.0          | 42.8                    | 66.8     | 62.5                            | 51.8         |
| ABR.      | 58.9     | 83.3          | 44.3                    | 65.1     | 62.9                            | 56.4         |
| MAY.      | 61.0     | 79.9          | 43.4                    | 64.5     | 62.7                            | 65.6         |
| JUN.      | 59.5     | 70.7          | 43.2                    | 64.6     | 61.9                            | 66.7         |
| JUL.      | 60.8     | 73.9          | 45.9                    | 64.1     | 60.6                            | 66.9         |
| AGO.      | 62.8     | 78.8          | 50.1                    | 63.7     | 61.0                            | 66.2         |
| SET.      | 63.0     | 77.5          | 55.6                    | 63.2     | 61.0                            | 62.8         |
| OCT.      | 64.5     | 77.5          | 55.8                    | 63.1     | 61.3                            | 67.1         |
| NOV.      | 64.4     | 77.9          | 54.0                    | 63.8     | 62.5                            | 67.5         |
| DIC.      | 65.7     | 85.9          | 53.2                    | 65.1     | 63.2                            | 67.2         |
| 2005      |          |               |                         |          |                                 |              |
| ENE.      | 62.8     | 85.6          | 52.1                    | 64.9     | 63.4                            | 59.7         |
| FEB.      | 59.6     | 83.7          | 48.0                    | 67.9     | 60.3                            | 54.8         |
| MAR.      | 59.4     | 83.3          | 46.9                    | 67.8     | 60.6                            | 55.1         |
| ABR.      | 61.2     | 85.1          | 47.6                    | 67.5     | 60.8                            | 59.1         |
| MAY.      | 63.8     | 86.3          | 44.7                    | 66.9     | 60.7                            | 69.6         |
| JUN.      | 63.8     | 77.4          | 47.4                    | 67.5     | 61.7                            | 71.4         |
| JUL.      | 66.1     | 83.5          | 51.4                    | 66.6     | 62.2                            | 71.6         |
| AGO.      | 66.6     | 84.9          | 53.3                    | 66.3     | 61.6                            | 71.0         |
| SET.      | 65.1     | 81.0          | 54.1                    | 66.9     | 62.5                            | 67.0         |
| OCT.      | 67.9     | 84.5          | 54.3                    | 66.8     | 62.2                            | 73.8         |
| NOV.      | 66.3     | 79.4          | 51.7                    | 67.5     | 61.8                            | 74.1         |
| DIC.      | 69.8     | 87.9          | 58.9                    | 68.3     | 61.4                            | 73.5         |
| 2006      |          |               |                         |          |                                 |              |
| ENE.      | 66.2     | 87.2          | 59.9                    | 68.1     | 61.0                            | 61.7         |
| FEB.      | 65.9     | 86.8          | 59.9                    | 71.9     | 60.9                            | 59.9         |
| MAR.      | 63.3     | 85.4          | 52.0                    | 72.5     | 61.2                            | 59.4         |
| ABR.      | 67.4     | 85.4          | 57.9                    | 68.4     | 61.6                            | 68.4         |
| MAY.      | 72.2     | 87.9          | 64.2                    | 67.2     | 63.1                            | 76.2         |
| JUN.      | 75.2     | 87.6          | 71.6                    | 69.0     | 63.6                            | 78.3         |
| JUL.      | 77.2     | 88.3          | 76.1                    | 69.3     | 67.5                            | 78.6         |
| AGO.      | 79.4     | 91.1          | 81.4                    | 68.7     | 68.8                            | 78.8         |
| SET.      | 79.8     | 90.5          | 82.1                    | 69.5     | 69.5                            | 79.0         |
| OCT.      | 82.1     | 88.2          | 88.1                    | 70.1     | 71.0                            | 81.5         |
| NOV.      | 85.4     | 91.9          | 95.1                    | 70.3     | 71.3                            | 83.2         |
| DIC.      | 89.3     | 91.7          | 107.7                   | 71.0     | 72.7                            | 82.7         |
| 2007      |          |               |                         |          |                                 |              |
| ENE.      | 79.2     | 91.9          | 88.2                    | 71.3     | 73.2                            | 68.2         |
| FEB.      | 79.4     | 93.8          | 88.3                    | 77.3     | 73.5                            | 65.3         |
| MAR.      | 80.2     | 96.2          | 84.7                    | 80.5     | 75.2                            | 68.4         |

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FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Trujillo |               |                         |          |                              |              |
|-----------|------|----------|---------------|-------------------------|----------|------------------------------|--------------|
|           |      | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y comun. | Servicios 2/ |
| 2008      | ABR. | 82.1     | 95.9          | 82.1                    | 74.5     | 77.4                         | 79.2         |
|           | MAY. | 84.7     | 94.5          | 85.4                    | 75.5     | 78.8                         | 84.5         |
|           | JUN. | 85.2     | 92.6          | 85.2                    | 76.0     | 79.6                         | 86.6         |
|           | JUL. | 88.1     | 94.9          | 94.3                    | 75.9     | 79.0                         | 86.9         |
|           | AGO. | 87.1     | 94.5          | 92.1                    | 77.0     | 80.3                         | 84.8         |
|           | SET. | 85.9     | 96.7          | 84.6                    | 78.0     | 81.9                         | 85.8         |
|           | OCT. | 88.0     | 96.6          | 89.5                    | 79.3     | 82.6                         | 87.4         |
|           | NOV. | 88.4     | 93.7          | 90.1                    | 79.5     | 82.7                         | 89.3         |
|           | DIC. | 90.4     | 102.1         | 86.9                    | 84.9     | 84.3                         | 91.3         |
|           | ENE. | 85.0     | 102.4         | 78.4                    | 85.4     | 84.5                         | 81.3         |
|           | FEB. | 83.6     | 107.1         | 79.6                    | 87.8     | 87.1                         | 71.3         |
|           | MAR. | 83.6     | 107.9         | 75.3                    | 89.2     | 89.7                         | 73.4         |
| 2009      | ABR. | 83.7     | 99.8          | 70.0                    | 85.4     | 91.1                         | 84.2         |
|           | MAY. | 86.4     | 96.4          | 70.9                    | 86.0     | 90.3                         | 93.8         |
|           | JUN. | 87.6     | 96.6          | 72.0                    | 87.1     | 91.2                         | 95.8         |
|           | JUL. | 88.3     | 98.4          | 71.5                    | 87.5     | 93.8                         | 96.3         |
|           | AGO. | 90.1     | 102.1         | 77.2                    | 87.7     | 96.8                         | 94.2         |
|           | SET. | 90.4     | 97.6          | 80.0                    | 89.5     | 98.5                         | 92.5         |
|           | OCT. | 92.8     | 96.0          | 82.4                    | 93.5     | 99.9                         | 96.0         |
|           | NOV. | 93.0     | 97.7          | 79.0                    | 94.6     | 101.6                        | 98.3         |
|           | DIC. | 93.9     | 105.9         | 78.5                    | 95.5     | 101.9                        | 97.8         |
|           | ENE. | 85.0     | 92.8          | 69.9                    | 93.0     | 98.6                         | 85.9         |
|           | FEB. | 81.2     | 96.2          | 66.9                    | 92.2     | 98.9                         | 75.8         |
|           | MAR. | 83.5     | 107.3         | 66.3                    | 95.3     | 99.6                         | 77.1         |
| 2010      | ABR. | 88.2     | 102.6         | 72.7                    | 92.7     | 98.6                         | 89.4         |
|           | MAY. | 89.7     | 93.1          | 73.6                    | 91.9     | 98.0                         | 96.9         |
|           | JUN. | 92.0     | 92.1          | 76.8                    | 92.5     | 98.0                         | 100.9        |
|           | JUL. | 91.4     | 93.3          | 74.0                    | 91.9     | 97.7                         | 101.7        |
|           | AGO. | 91.8     | 100.7         | 78.9                    | 90.5     | 99.2                         | 96.6         |
|           | SET. | 93.1     | 98.6          | 86.9                    | 90.5     | 100.4                        | 94.7         |
|           | OCT. | 94.7     | 87.0          | 91.1                    | 92.2     | 100.1                        | 99.6         |
|           | NOV. | 95.9     | 91.7          | 88.5                    | 92.7     | 102.3                        | 102.4        |
|           | DIC. | 98.7     | 119.9         | 84.8                    | 94.3     | 101.0                        | 102.8        |
|           | ENE. | 89.0     | 99.3          | 81.3                    | 93.8     | 96.3                         | 85.9         |
|           | FEB. | 89.6     | 103.8         | 85.9                    | 94.0     | 97.9                         | 82.5         |
|           | MAR. | 89.9     | 106.9         | 81.8                    | 93.6     | 98.9                         | 85.0         |
| 2011      | ABR. | 92.0     | 104.7         | 78.0                    | 92.4     | 98.8                         | 95.0         |
|           | MAY. | 92.7     | 99.7          | 80.1                    | 93.4     | 99.4                         | 96.5         |
|           | JUN. | 94.4     | 107.3         | 79.5                    | 96.5     | 97.3                         | 98.2         |
|           | JUL. | 94.7     | 106.0         | 80.3                    | 96.1     | 98.7                         | 98.9         |
|           | AGO. | 93.5     | 103.2         | 78.7                    | 96.4     | 98.8                         | 97.3         |
|           | SET. | 94.0     | 99.8          | 80.8                    | 97.2     | 99.3                         | 97.9         |
|           | OCT. | 100.0    | 100.0         | 100.0                   | 100.0    | 100.0                        | 100.0        |
|           | NOV. | 102.2    | 111.5         | 102.7                   | 99.7     | 100.1                        | 100.7        |
|           | DIC. | 102.4    | 123.4         | 96.5                    | 101.4    | 99.4                         | 100.6        |
|           | ENE. | 94.9     | 106.5         | 88.6                    | 101.3    | 99.0                         | 90.7         |
|           | FEB. | 93.3     | 108.0         | 90.4                    | 100.6    | 99.8                         | 84.6         |
|           | MAR. | 95.3     | 112.8         | 89.8                    | 100.1    | 102.9                        | 88.5         |
| 2012      | ABR. | 98.9     | 121.3         | 87.9                    | 99.5     | 103.8                        | 97.2         |
|           | MAY. | 100.3    | 118.5         | 88.5                    | 100.3    | 103.9                        | 101.1        |
|           | JUN. | 98.7     | 117.8         | 81.9                    | 101.2    | 103.8                        | 101.0        |
|           | JUL. | 98.0     | 109.3         | 81.8                    | 101.2    | 103.7                        | 102.1        |
|           | AGO. | 99.3     | 115.6         | 84.6                    | 100.9    | 104.7                        | 101.4        |
|           | SET. | 102.1    | 117.3         | 94.2                    | 101.6    | 105.2                        | 101.6        |
|           | OCT. | 106.3    | 109.2         | 106.1                   | 102.1    | 105.1                        | 107.9        |
|           | NOV. | 109.2    | 120.8         | 109.5                   | 102.6    | 106.8                        | 109.2        |
|           | DIC. | 109.9    | 124.7         | 109.4                   | 103.3    | 107.2                        | 109.4        |

**CIUDAD DE TRUJILLO: INDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Trujillo |               |                            |          |                                 |              |
|-----------|------|----------|---------------|----------------------------|----------|---------------------------------|--------------|
|           |      | Total    | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2012      | ENE. | 101.8    | 113.4         | 101.1                      | 102.3    | 106.3                           | 96.9         |
|           | FEB. | 99.1     | 108.3         | 102.5                      | 103.4    | 109.1                           | 88.7         |
|           | MAR. | 102.4    | 115.3         | 106.4                      | 103.7    | 110.0                           | 92.4         |
|           | ABR. | 105.1    | 113.0         | 101.9                      | 103.7    | 111.5                           | 103.4        |
|           | MAY. | 107.8    | 116.5         | 98.3                       | 105.5    | 112.4                           | 111.3        |
|           | JUN. | 107.2    | 118.1         | 92.4                       | 107.1    | 111.7                           | 112.4        |
|           | JUL. | 105.9    | 114.6         | 85.9                       | 109.6    | 110.9                           | 113.2        |
|           | AGO. | 105.0    | 109.6         | 87.3                       | 108.1    | 111.3                           | 112.1        |
|           | SET. | 105.7    | 97.0          | 102.0                      | 109.3    | 111.8                           | 107.6        |
|           | OCT. | 112.0    | 110.8         | 110.8                      | 110.5    | 113.2                           | 113.6        |
|           | NOV. | 117.6    | 122.5         | 126.6                      | 110.2    | 114.0                           | 114.9        |
|           | DIC. | 117.0    | 131.1         | 117.6                      | 111.0    | 115.4                           | 115.4        |
| 2013      | ENE. | 106.3    | 119.7         | 96.6                       | 110.2    | 114.3                           | 104.1        |
|           | FEB. | 104.4    | 110.7         | 104.8                      | 112.5    | 115.8                           | 94.5         |
|           | MAR. | 108.0    | 116.9         | 106.4                      | 114.4    | 115.2                           | 100.6        |
|           | ABR. | 113.8    | 109.9         | 110.7                      | 112.7    | 115.3                           | 117.4        |
|           | MAY. | 113.1    | 119.0         | 100.7                      | 114.0    | 115.0                           | 118.6        |
|           | JUN. | 111.8    | 120.9         | 92.4                       | 114.2    | 118.2                           | 118.8        |
|           | JUL. | 112.4    | 121.2         | 94.0                       | 113.3    | 119.5                           | 119.5        |
|           | AGO. | 111.0    | 113.4         | 92.6                       | 113.5    | 121.0                           | 118.5        |
|           | SET. | 108.7    | 103.3         | 94.7                       | 113.9    | 122.5                           | 113.4        |
|           | OCT. | 111.2    | 108.9         | 91.7                       | 114.0    | 123.6                           | 120.2        |
|           | NOV. | 112.0    | 121.2         | 89.6                       | 115.5    | 123.9                           | 118.8        |
|           | DIC. | 113.7    | 127.4         | 92.8                       | 116.8    | 123.0                           | 119.1        |
| 2014      | ENE. | 108.1    | 125.1         | 91.9                       | 113.6    | 122.1                           | 106.3        |
|           | FEB. | 103.6    | 114.5         | 93.2                       | 111.3    | 122.9                           | 97.4         |
|           | MAR. | 106.3    | 114.4         | 96.9                       | 112.5    | 124.4                           | 101.3        |
|           | ABR. | 111.8    | 119.5         | 94.9                       | 113.6    | 124.4                           | 116.2        |
|           | MAY. | 112.6    | 122.2         | 88.7                       | 113.8    | 123.4                           | 122.4        |
|           | JUN. | 114.7    | 123.1         | 94.5                       | 112.4    | 122.3                           | 125.0        |
|           | JUL. | 114.3    | 123.2         | 91.9                       | 111.9    | 124.4                           | 125.4        |
|           | AGO. | 112.3    | 115.8         | 91.8                       | 109.0    | 123.6                           | 124.0        |
|           | SET. | 113.3    | 112.3         | 100.2                      | 109.0    | 124.1                           | 121.9        |
|           | OCT. | 117.1    | 112.2         | 106.9                      | 109.0    | 123.3                           | 128.3        |
|           | NOV. | 118.9    | 121.3         | 108.0                      | 109.0    | 124.0                           | 129.3        |
|           | DIC. | 119.9    | 125.5         | 106.4                      | 112.2    | 124.5                           | 130.1        |
| 2015      | ENE. | 113.6    | 121.1         | 102.4                      | 110.9    | 121.9                           | 117.8        |
|           | FEB. | 110.1    | 111.9         | 113.0                      | 110.3    | 121.1                           | 104.0        |
|           | MAR. | 112.0    | 113.0         | 109.4                      | 111.8    | 123.3                           | 110.1        |
|           | ABR. | 117.0    | 114.6         | 105.7                      | 110.3    | 123.9                           | 127.7        |
|           | MAY. | 119.4    | 118.1         | 101.0                      | 111.8    | 124.9                           | 135.8        |
|           | JUN. | 121.2    | 123.8         | 100.7                      | 111.7    | 124.1                           | 139.7        |
|           | JUL. | 120.7    | 119.7         | 98.6                       | 111.5    | 124.1                           | 141.3        |
|           | AGO. | 119.3    | 117.2         | 95.9                       | 111.0    | 125.4                           | 140.0        |
|           | SET. | 119.6    | 117.2         | 102.2                      | 111.1    | 126.6                           | 135.6        |
|           | OCT. | 125.1    | 118.2         | 115.0                      | 111.0    | 126.4                           | 142.5        |
|           | NOV. | 126.4    | 123.1         | 114.3                      | 110.9    | 129.0                           | 144.2        |
|           | DIC. | 125.7    | 128.4         | 106.5                      | 112.6    | 130.5                           | 144.5        |
| 2016      | ENE. | 120.1    | 127.0         | 105.8                      | 109.6    | 128.1                           | 131.3        |
|           | FEB. | 118.1    | 124.7         | 113.0                      | 109.3    | 128.4                           | 121.0        |
|           | MAR. | 120.8    | 125.1         | 110.5                      | 111.7    | 129.1                           | 129.1        |
|           | ABR. | 123.5    | 123.7         | 104.2                      | 109.6    | 128.3                           | 143.8        |
|           | MAY. | 125.9    | 126.2         | 102.1                      | 110.9    | 128.2                           | 151.0        |
|           | JUN. | 125.1    | 124.1         | 98.6                       | 110.4    | 129.1                           | 151.9        |
|           | JUL. | 125.2    | 126.2         | 98.5                       | 110.0    | 128.7                           | 151.8        |
|           | AGO. | 124.6    | 125.7         | 99.2                       | 110.0    | 128.3                           | 149.9        |
|           | SET. | 125.2    | 128.2         | 107.1                      | 111.4    | 128.4                           | 144.4        |

**CIUDAD DE TRUJILLO: INDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                                 |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2017      |          |               |                         |          |                                 |              |
| OCT.      | 129.6    | 129.6         | 114.2                   | 110.8    | 129.0                           | 151.6        |
| NOV.      | 130.7    | 132.6         | 116.0                   | 111.4    | 127.8                           | 152.5        |
| DIC.      | 132.0    | 140.2         | 116.5                   | 113.9    | 128.1                           | 152.0        |
| ENE.      | 125.8    | 137.7         | 115.8                   | 112.8    | 127.0                           | 135.9        |
| FEB.      | 124.1    | 134.1         | 115.0                   | 111.4    | 129.1                           | 132.8        |
| MAR.      | 124.8    | 130.1         | 115.4                   | 111.1    | 128.9                           | 136.2        |
| ABR.      | 121.3    | 122.9         | 105.0                   | 109.2    | 125.4                           | 138.4        |
| MAY.      | 124.6    | 126.5         | 100.2                   | 109.7    | 123.5                           | 150.7        |
| JUN.      | 127.1    | 138.2         | 102.7                   | 110.4    | 125.1                           | 151.3        |
| JUL.      | 128.8    | 138.1         | 109.1                   | 110.2    | 125.5                           | 151.6        |
| AGO.      | 131.2    | 136.4         | 118.8                   | 110.7    | 126.6                           | 151.8        |
| SET.      | 126.0    | 135.4         | 103.6                   | 110.7    | 127.9                           | 147.2        |
| OCT.      | 126.7    | 128.6         | 102.6                   | 111.2    | 128.4                           | 151.9        |
| NOV.      | 130.2    | 141.4         | 110.6                   | 112.1    | 128.0                           | 151.6        |
| DIC.      | 128.6    | 145.7         | 98.5                    | 116.3    | 127.1                           | 152.0        |
| 2018      |          |               |                         |          |                                 |              |
| ENE.      | 123.8    | 143.7         | 100.5                   | 115.5    | 125.2                           | 138.3        |
| FEB.      | 119.9    | 140.9         | 101.2                   | 116.1    | 127.1                           | 126.3        |
| MAR.      | 124.3    | 133.9         | 113.6                   | 117.7    | 126.8                           | 132.1        |
| ABR.      | 123.0    | 125.0         | 100.4                   | 116.4    | 126.2                           | 142.0        |
| MAY.      | 123.6    | 126.5         | 93.5                    | 117.0    | 126.1                           | 147.7        |
| JUN.      | 124.2    | 132.2         | 87.5                    | 116.7    | 126.3                           | 152.2        |
| JUL.      | 123.7    | 133.9         | 85.5                    | 115.5    | 125.9                           | 152.2        |
| AGO.      | 120.0    | 138.8         | 71.4                    | 114.7    | 126.5                           | 150.1        |
| SET.      | 118.6    | 136.3         | 72.5                    | 114.6    | 127.1                           | 145.7        |
| OCT.      | 120.0    | 136.0         | 71.6                    | 115.4    | 126.9                           | 150.5        |
| NOV.      | 119.7    | 133.9         | 70.5                    | 115.1    | 127.4                           | 151.0        |
| DIC.      | 121.2    | 138.7         | 74.5                    | 115.6    | 128.1                           | 150.4        |
| 2019      |          |               |                         |          |                                 |              |
| ENE.      | 114.8    | 134.8         | 72.5                    | 115.6    | 126.5                           | 134.5        |
| FEB.      | 112.8    | 136.6         | 73.9                    | 115.3    | 128.9                           | 126.2        |
| MAR.      | 114.7    | 133.7         | 76.4                    | 115.5    | 129.8                           | 130.1        |
| ABR.      | 116.7    | 134.0         | 69.3                    | 114.4    | 128.7                           | 146.4        |
| MAY.      | 118.8    | 135.2         | 70.8                    | 114.5    | 127.8                           | 151.7        |
| JUN.      | 119.4    | 139.2         | 70.7                    | 115.4    | 127.3                           | 151.7        |
| JUL.      | 116.0    | 135.1         | 62.9                    | 117.4    | 128.3                           | 150.6        |
| AGO. P/   | 112.3    | 131.0         | 61.5                    | 115.7    | 127.9                           | 142.4        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en octubre 1997.

1/ Conformada por las subramas agricultura, pesca y minería.

2/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

**Fuente:** MTPE – Encuesta Nacional de Variación Mensual del Empleo (ENVME).

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                                 |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 1997 OCT. | 87.9     | 69.2          | 106.1                   | 136.4    | 88.4                            | 68.2         |
| NOV.      | 87.4     | 65.0          | 106.6                   | 131.7    | 89.2                            | 69.2         |
| DIC.      | 83.9     | 66.4          | 100.4                   | 120.8    | 88.7                            | 68.4         |
| 1998 ENE. | 78.2     | 64.4          | 95.8                    | 113.3    | 88.5                            | 61.7         |
| FEB.      | 76.9     | 61.2          | 95.4                    | 113.0    | 88.0                            | 59.7         |
| MAR.      | 75.9     | 58.8          | 93.9                    | 108.6    | 89.2                            | 60.0         |
| ABR.      | 74.8     | 59.6          | 85.0                    | 109.3    | 89.5                            | 59.7         |
| MAY.      | 76.9     | 58.5          | 88.6                    | 106.1    | 89.8                            | 63.9         |
| JUN.      | 78.0     | 58.5          | 93.3                    | 107.9    | 90.6                            | 63.5         |
| JUL.      | 78.2     | 68.2          | 89.0                    | 107.9    | 93.7                            | 63.9         |
| AGO.      | 77.3     | 75.2          | 84.2                    | 108.7    | 92.8                            | 63.2         |
| SET.      | 77.1     | 78.8          | 82.2                    | 107.2    | 92.1                            | 64.0         |
| OCT.      | 77.1     | 76.0          | 80.7                    | 104.2    | 93.6                            | 65.8         |
| NOV.      | 77.6     | 76.4          | 81.7                    | 107.0    | 90.5                            | 65.6         |
| DIC.      | 77.6     | 78.5          | 79.8                    | 109.3    | 92.3                            | 64.9         |
| 1999 ENE. | 73.6     | 80.8          | 81.0                    | 105.2    | 92.5                            | 57.6         |
| FEB.      | 72.7     | 81.5          | 80.7                    | 101.2    | 93.1                            | 57.4         |
| MAR.      | 73.2     | 77.0          | 80.7                    | 105.6    | 92.0                            | 57.1         |
| ABR.      | 73.0     | 78.5          | 81.6                    | 102.2    | 94.2                            | 57.6         |
| MAY.      | 74.6     | 78.5          | 81.3                    | 102.2    | 94.4                            | 61.0         |
| JUN.      | 75.0     | 78.5          | 80.0                    | 103.1    | 93.3                            | 62.0         |
| JUL.      | 74.4     | 78.5          | 81.0                    | 102.5    | 87.5                            | 61.5         |
| AGO.      | 72.5     | 70.5          | 80.9                    | 98.7     | 94.5                            | 59.2         |
| SET.      | 73.5     | 69.7          | 78.7                    | 103.1    | 94.8                            | 59.8         |
| OCT.      | 74.1     | 69.7          | 79.0                    | 101.9    | 96.2                            | 61.3         |
| NOV.      | 73.5     | 70.2          | 77.2                    | 99.9     | 94.8                            | 61.7         |
| DIC.      | 73.4     | 70.2          | 80.0                    | 98.8     | 94.0                            | 61.3         |
| 2000 ENE. | 68.2     | 66.8          | 78.2                    | 95.9     | 93.1                            | 52.9         |
| FEB.      | 67.1     | 66.8          | 79.1                    | 92.5     | 91.9                            | 52.1         |
| MAR.      | 67.9     | 66.8          | 84.1                    | 90.2     | 84.8                            | 54.3         |
| ABR.      | 68.3     | 66.3          | 81.6                    | 89.9     | 84.8                            | 56.0         |
| MAY.      | 74.1     | 64.9          | 81.2                    | 96.2     | 83.2                            | 65.1         |
| JUN.      | 74.4     | 64.1          | 80.8                    | 99.4     | 76.8                            | 64.8         |
| JUL.      | 73.8     | 64.1          | 79.4                    | 99.6     | 75.0                            | 64.1         |
| AGO.      | 72.6     | 60.0          | 80.2                    | 94.7     | 72.6                            | 64.8         |
| SET.      | 77.2     | 61.7          | 106.0                   | 102.5    | 69.6                            | 61.7         |
| OCT.      | 76.6     | 61.7          | 106.6                   | 103.5    | 66.6                            | 60.1         |
| NOV.      | 75.8     | 61.7          | 104.5                   | 102.7    | 66.9                            | 59.2         |
| DIC.      | 74.7     | 69.6          | 101.4                   | 98.9     | 67.5                            | 58.9         |
| 2001 ENE. | 70.3     | 55.9          | 101.9                   | 95.3     | 67.2                            | 52.7         |
| FEB.      | 69.2     | 83.9          | 102.4                   | 94.1     | 67.9                            | 48.3         |
| MAR.      | 68.2     | 89.8          | 100.3                   | 92.9     | 68.4                            | 46.8         |
| ABR.      | 69.2     | 83.7          | 95.4                    | 93.5     | 69.3                            | 50.4         |
| MAY.      | 71.4     | 81.3          | 94.5                    | 95.6     | 63.7                            | 55.3         |
| JUN.      | 71.0     | 76.9          | 96.3                    | 89.9     | 65.6                            | 56.5         |
| JUL.      | 70.9     | 88.2          | 98.4                    | 87.9     | 65.0                            | 55.8         |
| AGO.      | 71.8     | 120.0         | 98.4                    | 88.7     | 65.0                            | 55.3         |
| SET.      | 71.3     | 103.9         | 99.5                    | 88.8     | 64.2                            | 54.9         |
| OCT.      | 71.7     | 111.5         | 95.3                    | 90.6     | 62.4                            | 55.5         |
| NOV.      | 72.0     | 118.7         | 97.5                    | 90.3     | 61.6                            | 55.6         |
| DIC.      | 71.8     | 118.7         | 97.7                    | 90.0     | 60.8                            | 55.4         |
| 2002 ENE. | 62.9     | 109.4         | 92.2                    | 84.8     | 59.0                            | 44.0         |
| FEB.      | 64.2     | 122.2         | 87.8                    | 90.4     | 58.0                            | 44.1         |
| MAR.      | 64.6     | 108.7         | 84.4                    | 90.1     | 58.7                            | 46.0         |
| ABR.      | 67.7     | 110.8         | 88.7                    | 84.5     | 57.4                            | 54.0         |
| MAY.      | 68.1     | 111.5         | 92.2                    | 83.9     | 58.5                            | 54.1         |
| JUN.      | 68.4     | 106.5         | 94.7                    | 84.2     | 58.9                            | 54.4         |
| JUL.      | 68.5     | 132.3         | 89.7                    | 85.8     | 57.4                            | 53.7         |
| AGO.      | 67.9     | 138.7         | 81.6                    | 83.6     | 59.7                            | 54.7         |
| SET.      | 67.9     | 133.6         | 80.7                    | 83.1     | 58.6                            | 55.6         |
| OCT.      | 69.1     | 138.7         | 80.1                    | 86.8     | 58.0                            | 55.8         |
| NOV.      | 69.7     | 141.4         | 80.7                    | 87.4     | 58.8                            | 56.2         |
| DIC.      | 68.4     | 142.8         | 80.3                    | 83.7     | 57.4                            | 55.9         |
| 2003 ENE. | 63.6     | 135.8         | 90.6                    | 84.8     | 56.9                            | 44.0         |
| FEB.      | 64.0     | 133.5         | 88.4                    | 84.6     | 57.2                            | 45.3         |
| MAR.      | 63.9     | 125.8         | 88.4                    | 86.3     | 58.4                            | 44.7         |
| ABR.      | 69.1     | 127.5         | 86.8                    | 87.5     | 57.8                            | 54.3         |
| MAY.      | 70.5     | 129.3         | 85.5                    | 85.8     | 57.4                            | 58.2         |
| JUN.      | 70.6     | 131.3         | 86.6                    | 85.8     | 57.9                            | 57.8         |
| JUL.      | 71.5     | 133.9         | 90.7                    | 85.8     | 59.0                            | 58.3         |
| AGO.      | 69.6     | 132.6         | 88.7                    | 85.1     | 56.2                            | 56.1         |
| SET.      | 69.9     | 126.4         | 82.6                    | 84.0     | 57.9                            | 58.3         |

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                                 |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2004      |          |               |                         |          |                                 |              |
| OCT.      | 69.3     | 122.8         | 89.8                    | 80.4     | 59.1                            | 57.7         |
| NOV.      | 69.9     | 124.0         | 89.3                    | 83.1     | 59.1                            | 57.5         |
| DIC.      | 69.3     | 124.8         | 90.9                    | 81.1     | 58.5                            | 57.1         |
| ENE.      | 65.0     | 125.2         | 89.8                    | 82.9     | 57.4                            | 47.4         |
| FEB.      | 65.9     | 128.7         | 89.8                    | 88.1     | 56.5                            | 46.3         |
| MAR.      | 65.5     | 127.2         | 82.6                    | 88.6     | 57.0                            | 46.6         |
| ABR.      | 68.2     | 132.1         | 87.1                    | 85.1     | 57.2                            | 53.2         |
| MAY.      | 71.5     | 118.2         | 85.2                    | 84.8     | 56.5                            | 61.2         |
| JUN.      | 71.6     | 122.0         | 88.6                    | 85.0     | 55.5                            | 60.7         |
| JUL.      | 71.7     | 117.5         | 87.6                    | 85.3     | 56.2                            | 61.1         |
| AGO.      | 70.6     | 127.7         | 88.1                    | 83.8     | 55.7                            | 58.9         |
| SET.      | 71.8     | 133.6         | 90.2                    | 83.5     | 55.8                            | 60.4         |
| OCT.      | 72.4     | 140.0         | 89.3                    | 83.3     | 55.8                            | 61.1         |
| NOV.      | 71.6     | 138.9         | 88.8                    | 80.7     | 56.0                            | 60.8         |
| DIC.      | 71.0     | 126.3         | 87.9                    | 81.8     | 55.8                            | 60.5         |
| 2005      |          |               |                         |          |                                 |              |
| ENE.      | 63.4     | 129.7         | 91.0                    | 81.2     | 54.2                            | 46.4         |
| FEB.      | 65.0     | 136.0         | 88.6                    | 87.3     | 53.6                            | 46.8         |
| MAR.      | 65.9     | 130.5         | 88.7                    | 86.4     | 52.8                            | 49.6         |
| ABR.      | 69.6     | 128.0         | 91.0                    | 86.3     | 51.7                            | 57.0         |
| MAY.      | 73.3     | 148.0         | 90.7                    | 85.2     | 50.7                            | 62.8         |
| JUN.      | 73.3     | 117.7         | 90.2                    | 86.7     | 51.9                            | 64.5         |
| JUL.      | 74.1     | 126.0         | 92.9                    | 84.8     | 53.5                            | 65.0         |
| AGO.      | 74.2     | 129.9         | 94.7                    | 85.1     | 50.6                            | 65.4         |
| SET.      | 75.2     | 124.0         | 104.0                   | 86.7     | 50.4                            | 66.0         |
| OCT.      | 77.8     | 156.0         | 101.2                   | 85.9     | 50.0                            | 68.9         |
| NOV.      | 76.2     | 128.6         | 100.8                   | 85.5     | 48.2                            | 69.2         |
| DIC.      | 77.5     | 133.8         | 109.1                   | 85.8     | 48.8                            | 69.8         |
| 2006      |          |               |                         |          |                                 |              |
| ENE.      | 69.2     | 135.4         | 108.2                   | 85.1     | 48.1                            | 54.0         |
| FEB.      | 72.8     | 130.0         | 109.9                   | 92.2     | 49.7                            | 57.6         |
| MAR.      | 75.7     | 129.2         | 112.9                   | 93.8     | 49.5                            | 62.1         |
| ABR.      | 77.6     | 126.5         | 111.6                   | 85.1     | 50.0                            | 70.0         |
| MAY.      | 81.2     | 121.7         | 110.5                   | 84.6     | 52.0                            | 77.4         |
| JUN.      | 82.2     | 128.1         | 110.0                   | 86.5     | 52.8                            | 77.5         |
| JUL.      | 82.9     | 127.1         | 111.5                   | 86.6     | 58.3                            | 76.5         |
| AGO.      | 84.6     | 124.6         | 110.1                   | 86.6     | 57.7                            | 80.8         |
| SET.      | 85.1     | 126.8         | 107.9                   | 87.4     | 58.0                            | 81.5         |
| OCT.      | 87.7     | 171.3         | 113.9                   | 87.1     | 58.8                            | 82.7         |
| NOV.      | 87.7     | 167.2         | 115.6                   | 86.3     | 59.5                            | 82.6         |
| DIC.      | 88.2     | 168.1         | 113.0                   | 86.7     | 60.0                            | 83.7         |
| 2007      |          |               |                         |          |                                 |              |
| ENE.      | 82.6     | 173.6         | 110.0                   | 87.5     | 60.3                            | 71.5         |
| FEB.      | 83.8     | 143.8         | 111.8                   | 98.4     | 60.6                            | 69.5         |
| MAR.      | 88.1     | 139.6         | 108.6                   | 102.3    | 60.3                            | 77.6         |
| ABR.      | 89.5     | 137.5         | 110.9                   | 90.1     | 61.4                            | 87.5         |
| MAY.      | 91.1     | 138.8         | 109.4                   | 91.0     | 62.2                            | 90.3         |
| JUN.      | 92.2     | 135.6         | 110.3                   | 91.1     | 64.9                            | 91.9         |
| JUL.      | 92.2     | 139.7         | 111.2                   | 89.9     | 64.6                            | 92.3         |
| AGO.      | 92.1     | 139.0         | 113.4                   | 89.8     | 63.4                            | 92.1         |
| SET.      | 95.2     | 186.5         | 114.8                   | 91.2     | 66.0                            | 92.8         |
| OCT.      | 95.3     | 184.3         | 115.1                   | 92.0     | 67.1                            | 92.2         |
| NOV.      | 95.5     | 187.2         | 118.7                   | 91.4     | 66.8                            | 92.4         |
| DIC.      | 99.7     | 183.9         | 118.5                   | 94.9     | 66.9                            | 99.5         |
| 2008      |          |               |                         |          |                                 |              |
| ENE.      | 91.1     | 180.3         | 111.1                   | 91.6     | 66.0                            | 84.5         |
| FEB.      | 91.2     | 172.1         | 117.2                   | 94.1     | 69.1                            | 81.6         |
| MAR.      | 95.2     | 171.2         | 118.9                   | 97.1     | 70.3                            | 87.6         |
| ABR.      | 95.3     | 113.9         | 118.6                   | 88.6     | 74.1                            | 98.6         |
| MAY.      | 97.6     | 115.2         | 116.7                   | 90.5     | 75.5                            | 102.6        |
| JUN.      | 98.0     | 115.2         | 120.2                   | 90.6     | 74.7                            | 102.8        |
| JUL.      | 99.0     | 106.0         | 121.9                   | 92.6     | 79.0                            | 103.0        |
| AGO.      | 99.0     | 106.6         | 114.6                   | 91.8     | 83.4                            | 104.2        |
| SET.      | 100.7    | 104.7         | 115.9                   | 94.7     | 86.0                            | 105.0        |
| OCT.      | 102.7    | 107.1         | 112.1                   | 103.1    | 88.9                            | 104.2        |
| NOV.      | 102.3    | 106.6         | 107.1                   | 103.0    | 89.7                            | 104.5        |
| DIC.      | 100.2    | 107.6         | 106.2                   | 99.0     | 91.4                            | 101.8        |
| 2009      |          |               |                         |          |                                 |              |
| ENE.      | 90.7     | 106.6         | 106.5                   | 95.2     | 86.2                            | 84.1         |
| FEB.      | 88.5     | 109.7         | 107.2                   | 95.3     | 93.1                            | 76.9         |
| MAR.      | 91.4     | 107.1         | 109.4                   | 98.8     | 92.2                            | 81.0         |
| ABR.      | 95.8     | 106.8         | 106.9                   | 96.8     | 91.9                            | 92.9         |
| MAY.      | 97.4     | 110.8         | 105.3                   | 96.9     | 89.7                            | 97.0         |
| JUN.      | 97.4     | 109.9         | 103.9                   | 94.5     | 89.2                            | 99.1         |
| JUL.      | 96.4     | 109.3         | 101.0                   | 93.2     | 89.3                            | 98.5         |
| AGO.      | 96.4     | 111.9         | 99.4                    | 94.2     | 92.3                            | 97.2         |
| SET.      | 96.1     | 112.5         | 96.8                    | 95.2     | 92.7                            | 96.6         |

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                                 |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2010      |          |               |                         |          |                                 |              |
| OCT.      | 97.3     | 119.6         | 98.9                    | 97.5     | 90.6                            | 97.3         |
| NOV.      | 97.7     | 120.8         | 98.2                    | 96.9     | 93.4                            | 97.9         |
| DIC.      | 99.3     | 121.9         | 101.4                   | 98.7     | 93.2                            | 99.2         |
| ENE.      | 89.8     | 114.4         | 98.5                    | 97.0     | 90.7                            | 80.8         |
| FEB.      | 90.9     | 95.3          | 99.5                    | 97.9     | 95.2                            | 82.3         |
| MAR.      | 92.5     | 98.4          | 100.1                   | 96.5     | 96.0                            | 86.1         |
| ABR.      | 97.3     | 89.5          | 103.9                   | 96.9     | 96.0                            | 96.6         |
| MAY.      | 97.6     | 98.5          | 102.8                   | 98.0     | 95.2                            | 96.5         |
| JUN.      | 96.5     | 94.3          | 98.1                    | 98.1     | 90.9                            | 97.0         |
| JUL.      | 97.4     | 96.4          | 98.3                    | 97.7     | 95.5                            | 97.6         |
| AGO.      | 96.7     | 93.3          | 99.1                    | 97.2     | 97.2                            | 95.7         |
| SET.      | 99.1     | 99.6          | 98.5                    | 98.9     | 98.6                            | 99.5         |
| OCT.      | 100.0    | 100.0         | 100.0                   | 100.0    | 100.0                           | 100.0        |
| NOV.      | 99.9     | 98.4          | 98.5                    | 100.3    | 98.5                            | 100.6        |
| DIC.      | 99.5     | 99.1          | 97.2                    | 100.8    | 96.5                            | 100.4        |
| 2011      |          |               |                         |          |                                 |              |
| ENE.      | 93.7     | 98.9          | 97.0                    | 98.6     | 96.9                            | 88.5         |
| FEB.      | 91.3     | 98.9          | 98.1                    | 99.7     | 97.9                            | 82.2         |
| MAR.      | 95.6     | 96.9          | 100.5                   | 101.0    | 103.9                           | 88.6         |
| ABR.      | 99.0     | 89.6          | 100.5                   | 99.8     | 104.2                           | 97.3         |
| MAY.      | 99.3     | 85.8          | 100.4                   | 101.5    | 102.8                           | 97.8         |
| JUN.      | 99.2     | 89.6          | 99.9                    | 102.6    | 101.6                           | 97.2         |
| JUL.      | 99.4     | 86.7          | 100.7                   | 103.4    | 101.5                           | 97.2         |
| AGO.      | 99.8     | 88.1          | 100.5                   | 103.2    | 104.7                           | 97.2         |
| SET.      | 101.1    | 92.4          | 102.6                   | 103.9    | 105.2                           | 98.7         |
| OCT.      | 101.0    | 89.8          | 103.5                   | 105.2    | 103.7                           | 98.0         |
| NOV.      | 101.2    | 88.9          | 105.2                   | 106.8    | 104.6                           | 97.0         |
| DIC.      | 101.4    | 91.5          | 104.5                   | 108.0    | 104.6                           | 97.0         |
| 2012      |          |               |                         |          |                                 |              |
| ENE.      | 90.8     | 89.6          | 107.2                   | 103.0    | 104.3                           | 76.1         |
| FEB.      | 91.1     | 88.1          | 109.6                   | 105.4    | 105.5                           | 74.7         |
| MAR.      | 94.3     | 87.8          | 108.7                   | 104.4    | 103.3                           | 82.8         |
| ABR.      | 99.9     | 87.6          | 107.4                   | 105.6    | 104.4                           | 93.7         |
| MAY.      | 100.7    | 85.9          | 106.6                   | 104.8    | 105.3                           | 95.8         |
| JUN.      | 101.0    | 89.6          | 104.1                   | 106.8    | 102.3                           | 96.7         |
| JUL.      | 101.3    | 87.3          | 102.5                   | 106.7    | 102.6                           | 97.8         |
| AGO.      | 100.6    | 88.7          | 104.1                   | 105.5    | 102.9                           | 96.3         |
| SET.      | 102.0    | 89.0          | 105.0                   | 106.5    | 102.9                           | 98.5         |
| OCT.      | 100.9    | 88.1          | 107.5                   | 106.3    | 104.5                           | 95.5         |
| NOV.      | 101.1    | 90.9          | 105.6                   | 105.1    | 104.2                           | 96.8         |
| DIC.      | 100.9    | 90.2          | 105.0                   | 104.9    | 104.9                           | 96.4         |
| 2013      |          |               |                         |          |                                 |              |
| ENE.      | 92.9     | 87.6          | 102.2                   | 101.9    | 100.6                           | 83.3         |
| FEB.      | 90.9     | 87.3          | 106.0                   | 104.5    | 103.6                           | 76.4         |
| MAR.      | 99.8     | 87.6          | 109.3                   | 107.4    | 99.6                            | 93.1         |
| ABR.      | 103.2    | 87.3          | 109.4                   | 105.5    | 101.5                           | 100.5        |
| MAY.      | 103.9    | 85.3          | 110.5                   | 109.4    | 99.9                            | 100.3        |
| JUN.      | 103.5    | 86.4          | 107.9                   | 111.5    | 104.8                           | 97.2         |
| JUL.      | 103.9    | 85.0          | 108.3                   | 111.2    | 106.8                           | 97.6         |
| AGO.      | 104.3    | 88.8          | 106.8                   | 110.1    | 108.3                           | 98.4         |
| SET.      | 105.8    | 87.9          | 105.3                   | 110.5    | 110.3                           | 101.2        |
| OCT.      | 106.2    | 86.7          | 104.6                   | 110.6    | 110.1                           | 102.2        |
| NOV.      | 104.9    | 86.1          | 106.1                   | 110.8    | 109.8                           | 99.2         |
| DIC.      | 104.5    | 86.4          | 104.6                   | 112.5    | 106.5                           | 99.2         |
| 2014      |          |               |                         |          |                                 |              |
| ENE.      | 95.0     | 85.8          | 106.1                   | 107.5    | 106.5                           | 81.4         |
| FEB.      | 95.5     | 84.6          | 103.9                   | 106.1    | 106.1                           | 83.6         |
| MAR.      | 98.5     | 85.2          | 102.8                   | 107.8    | 105.6                           | 89.5         |
| ABR.      | 106.3    | 89.3          | 102.4                   | 111.2    | 104.1                           | 104.7        |
| MAY.      | 106.6    | 89.3          | 104.4                   | 111.2    | 102.2                           | 105.6        |
| JUN.      | 106.3    | 86.8          | 106.0                   | 111.1    | 100.6                           | 105.5        |
| JUL.      | 106.6    | 86.5          | 104.4                   | 109.0    | 104.1                           | 106.2        |
| AGO.      | 105.7    | 91.4          | 99.3                    | 104.7    | 105.0                           | 106.8        |
| SET.      | 106.3    | 95.2          | 97.7                    | 104.7    | 107.0                           | 107.5        |
| OCT.      | 105.8    | 90.2          | 98.6                    | 101.6    | 107.0                           | 107.9        |
| NOV.      | 105.6    | 92.9          | 96.5                    | 102.1    | 107.0                           | 107.8        |
| DIC.      | 105.8    | 99.5          | 97.7                    | 102.8    | 105.9                           | 107.5        |
| 2015      |          |               |                         |          |                                 |              |
| ENE.      | 95.9     | 97.2          | 96.9                    | 100.6    | 103.0                           | 88.2         |
| FEB.      | 94.5     | 94.5          | 104.9                   | 101.8    | 102.4                           | 83.4         |
| MAR.      | 101.2    | 96.4          | 107.1                   | 103.3    | 106.7                           | 94.6         |
| ABR.      | 109.7    | 95.4          | 108.4                   | 100.8    | 108.2                           | 114.9        |
| MAY.      | 112.2    | 101.5         | 114.1                   | 103.0    | 109.9                           | 116.5        |
| JUN.      | 113.2    | 96.4          | 110.6                   | 104.3    | 109.9                           | 119.7        |
| JUL.      | 112.6    | 98.9          | 111.0                   | 101.5    | 107.5                           | 120.6        |
| AGO.      | 112.9    | 98.9          | 110.1                   | 102.3    | 110.2                           | 120.0        |
| SET.      | 112.7    | 97.0          | 109.0                   | 103.6    | 110.3                           | 119.0        |

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                                 |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2016      |          |               |                         |          |                                 |              |
| OCT.      | 111.3    | 101.8         | 112.9                   | 103.5    | 108.5                           | 115.3        |
| NOV.      | 112.0    | 104.1         | 111.3                   | 102.7    | 114.3                           | 115.2        |
| DIC.      | 112.0    | 106.9         | 110.3                   | 104.1    | 116.4                           | 113.4        |
| ENE.      | 97.5     | 105.8         | 107.7                   | 96.1     | 112.1                           | 86.3         |
| FEB.      | 101.2    | 105.8         | 118.4                   | 98.0     | 109.7                           | 91.3         |
| MAR.      | 109.6    | 108.6         | 122.9                   | 99.3     | 109.6                           | 109.0        |
| ABR.      | 115.9    | 107.5         | 121.8                   | 99.3     | 110.3                           | 124.6        |
| MAY.      | 116.0    | 104.6         | 121.8                   | 98.7     | 110.3                           | 125.4        |
| JUN.      | 116.7    | 108.3         | 118.6                   | 98.4     | 113.9                           | 126.1        |
| JUL.      | 116.7    | 113.8         | 114.2                   | 97.9     | 113.1                           | 127.6        |
| AGO.      | 116.3    | 113.8         | 109.4                   | 101.1    | 111.0                           | 127.0        |
| SET.      | 115.6    | 113.0         | 107.7                   | 101.3    | 108.6                           | 126.8        |
| OCT.      | 115.6    | 116.3         | 105.9                   | 99.7     | 109.0                           | 128.1        |
| NOV.      | 114.7    | 119.6         | 104.3                   | 101.3    | 104.0                           | 127.6        |
| DIC.      | 114.3    | 118.5         | 102.6                   | 102.9    | 102.9                           | 126.6        |
| 2017      |          |               |                         |          |                                 |              |
| ENE.      | 101.2    | 114.3         | 100.3                   | 101.7    | 102.1                           | 97.7         |
| FEB.      | 104.3    | 116.7         | 102.5                   | 102.5    | 102.4                           | 103.4        |
| MAR.      | 108.7    | 114.9         | 103.7                   | 102.3    | 102.7                           | 113.2        |
| ABR.      | 116.0    | 144.5         | 103.7                   | 100.5    | 99.9                            | 131.7        |
| MAY.      | 115.8    | 136.8         | 100.1                   | 99.9     | 101.7                           | 132.2        |
| JUN.      | 116.7    | 133.9         | 108.1                   | 101.3    | 103.1                           | 130.5        |
| JUL.      | 116.4    | 133.9         | 108.1                   | 101.2    | 102.5                           | 130.3        |
| AGO.      | 115.6    | 112.0         | 105.6                   | 100.8    | 104.4                           | 129.5        |
| SET.      | 116.0    | 110.2         | 107.4                   | 100.8    | 102.9                           | 130.6        |
| OCT.      | 115.6    | 110.2         | 102.1                   | 100.0    | 105.0                           | 130.8        |
| NOV.      | 115.4    | 111.8         | 104.6                   | 101.4    | 103.3                           | 129.3        |
| DIC.      | 115.2    | 110.2         | 105.2                   | 102.1    | 100.5                           | 129.6        |
| 2018      |          |               |                         |          |                                 |              |
| ENE.      | 103.0    | 111.3         | 104.0                   | 101.9    | 99.7                            | 100.9        |
| FEB.      | 104.5    | 111.8         | 111.9                   | 101.9    | 101.3                           | 101.4        |
| MAR.      | 112.5    | 116.8         | 113.7                   | 103.7    | 100.5                           | 118.9        |
| ABR.      | 114.7    | 116.8         | 111.9                   | 103.1    | 99.1                            | 126.0        |
| MAY.      | 114.9    | 116.8         | 109.4                   | 104.1    | 99.5                            | 126.4        |
| JUN.      | 116.0    | 114.0         | 108.2                   | 103.3    | 99.1                            | 130.4        |
| JUL.      | 114.3    | 112.9         | 103.3                   | 101.8    | 99.3                            | 128.7        |
| AGO.      | 113.5    | 111.8         | 101.6                   | 101.1    | 98.3                            | 128.2        |
| SET.      | 113.5    | 115.1         | 99.1                    | 100.7    | 98.7                            | 129.0        |
| OCT.      | 114.3    | 115.1         | 97.9                    | 101.5    | 98.7                            | 130.7        |
| NOV.      | 114.0    | 115.7         | 97.4                    | 101.1    | 98.7                            | 130.5        |
| DIC.      | 113.3    | 113.5         | 94.9                    | 102.0    | 97.1                            | 129.7        |
| 2019      |          |               |                         |          |                                 |              |
| ENE.      | 102.2    | 112.4         | 95.6                    | 102.0    | 97.5                            | 101.6        |
| FEB.      | 103.5    | 110.7         | 97.3                    | 100.6    | 100.9                           | 103.7        |
| MAR.      | 106.7    | 111.3         | 101.0                   | 98.2     | 101.1                           | 111.7        |
| ABR.      | 113.8    | 113.5         | 96.8                    | 100.2    | 101.8                           | 129.0        |
| MAY.      | 113.5    | 108.5         | 94.3                    | 100.4    | 101.4                           | 129.4        |
| JUN.      | 112.8    | 110.7         | 99.8                    | 99.5     | 98.7                            | 127.8        |
| JUL.      | 114.8    | 112.4         | 99.2                    | 105.2    | 98.7                            | 129.2        |
| AGO. P/   | 113.7    | 106.9         | 99.2                    | 102.0    | 99.1                            | 128.7        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en octubre 1997.

1/ Conformada por las subramas agricultura, pesca y minería.

2/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

**Fuente:** MTPE – Encuesta Nacional de Variación Mensual del Empleo (ENVME).

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 1997 OCT. | 43.7     | 43.7          | 31.1                    | 48.9     | 56.9                      | 58.2         |
| NOV.      | 44.2     | 46.4          | 31.1                    | 47.9     | 56.0                      | 57.7         |
| DIC.      | 43.9     | 44.4          | 30.7                    | 50.8     | 56.8                      | 58.2         |
| 1998 ENE. | 40.0     | 44.1          | 24.1                    | 49.7     | 56.1                      | 53.8         |
| FEB.      | 39.0     | 45.3          | 25.3                    | 49.5     | 56.9                      | 47.9         |
| MAR.      | 40.2     | 42.7          | 27.1                    | 49.2     | 56.3                      | 52.3         |
| ABR.      | 41.1     | 45.4          | 28.5                    | 49.4     | 56.8                      | 51.4         |
| MAY.      | 43.0     | 44.8          | 30.3                    | 48.8     | 56.6                      | 56.4         |
| JUN.      | 43.8     | 45.0          | 31.8                    | 48.2     | 56.6                      | 57.2         |
| JUL.      | 43.5     | 43.2          | 31.0                    | 48.2     | 56.8                      | 58.5         |
| AGO.      | 44.3     | 47.6          | 31.1                    | 47.1     | 57.7                      | 57.7         |
| SET.      | 44.2     | 46.6          | 32.0                    | 46.4     | 58.9                      | 56.8         |
| OCT.      | 44.0     | 49.5          | 32.0                    | 46.0     | 54.4                      | 55.7         |
| NOV.      | 45.0     | 52.1          | 32.3                    | 46.3     | 54.1                      | 56.7         |
| DIC.      | 44.9     | 51.7          | 32.6                    | 46.4     | 53.8                      | 56.4         |
| 1999 ENE. | 44.2     | 52.1          | 32.3                    | 45.6     | 54.3                      | 54.0         |
| FEB.      | 44.2     | 54.7          | 32.3                    | 44.7     | 53.7                      | 52.5         |
| MAR.      | 42.6     | 51.9          | 33.1                    | 43.8     | 54.2                      | 48.0         |
| ABR.      | 44.4     | 55.1          | 32.9                    | 43.4     | 54.6                      | 52.0         |
| MAY.      | 45.9     | 58.3          | 32.8                    | 43.3     | 54.5                      | 55.2         |
| JUN.      | 46.5     | 60.0          | 32.4                    | 44.3     | 53.6                      | 56.6         |
| JUL.      | 45.7     | 57.7          | 32.7                    | 43.9     | 52.2                      | 55.4         |
| AGO.      | 45.0     | 54.5          | 31.1                    | 44.2     | 52.7                      | 57.2         |
| SET.      | 46.8     | 62.9          | 31.4                    | 44.3     | 53.3                      | 56.7         |
| OCT.      | 46.8     | 63.0          | 31.9                    | 43.7     | 52.5                      | 56.2         |
| NOV.      | 47.6     | 67.2          | 32.2                    | 42.7     | 50.0                      | 56.5         |
| DIC.      | 48.1     | 68.2          | 32.7                    | 44.3     | 50.5                      | 56.5         |
| 2000 ENE. | 47.4     | 67.1          | 32.5                    | 43.5     | 49.5                      | 55.6         |
| FEB.      | 45.3     | 69.3          | 32.8                    | 42.1     | 49.1                      | 46.5         |
| MAR.      | 45.8     | 67.9          | 32.9                    | 42.3     | 49.4                      | 48.9         |
| ABR.      | 45.9     | 65.0          | 32.9                    | 42.8     | 50.3                      | 51.3         |
| MAY.      | 47.9     | 67.2          | 32.4                    | 41.8     | 50.4                      | 56.8         |
| JUN.      | 49.4     | 70.1          | 33.7                    | 42.2     | 49.9                      | 58.6         |
| JUL.      | 48.6     | 67.4          | 31.7                    | 41.7     | 49.8                      | 60.2         |
| AGO.      | 49.5     | 72.3          | 31.2                    | 42.2     | 50.8                      | 61.0         |
| SET.      | 46.0     | 65.9          | 31.0                    | 42.7     | 50.5                      | 53.3         |
| OCT.      | 47.3     | 65.3          | 29.5                    | 41.2     | 51.5                      | 59.7         |
| NOV.      | 47.9     | 64.9          | 31.0                    | 41.3     | 52.3                      | 59.6         |
| DIC.      | 48.1     | 66.6          | 30.8                    | 44.2     | 52.6                      | 59.4         |
| 2001 ENE. | 46.2     | 67.4          | 29.2                    | 43.1     | 52.5                      | 55.2         |
| FEB.      | 44.0     | 64.6          | 29.0                    | 42.7     | 52.0                      | 49.6         |
| MAR.      | 43.0     | 58.7          | 29.3                    | 42.1     | 52.7                      | 49.1         |
| ABR.      | 43.5     | 57.2          | 29.2                    | 42.1     | 53.0                      | 51.7         |
| MAY.      | 44.6     | 56.4          | 28.9                    | 42.4     | 52.1                      | 56.5         |
| JUN.      | 46.0     | 58.1          | 29.6                    | 40.5     | 50.8                      | 59.8         |
| JUL.      | 45.1     | 56.4          | 28.8                    | 39.8     | 48.3                      | 59.4         |
| AGO.      | 45.4     | 58.3          | 28.7                    | 40.5     | 48.4                      | 59.4         |
| SET.      | 43.7     | 60.8          | 28.1                    | 38.1     | 47.6                      | 54.0         |
| OCT.      | 44.9     | 57.0          | 28.7                    | 38.3     | 46.9                      | 59.1         |
| NOV.      | 45.4     | 58.9          | 29.1                    | 38.3     | 48.6                      | 58.9         |
| DIC.      | 46.4     | 59.7          | 29.6                    | 39.1     | 47.5                      | 61.0         |
| 2002 ENE. | 44.2     | 54.9          | 27.9                    | 52.2     | 45.8                      | 57.1         |
| FEB.      | 41.8     | 50.6          | 28.4                    | 49.4     | 48.9                      | 50.5         |
| MAR.      | 43.9     | 57.8          | 29.5                    | 49.8     | 49.7                      | 51.6         |
| ABR.      | 47.2     | 63.5          | 32.3                    | 49.8     | 48.9                      | 55.2         |
| MAY.      | 50.9     | 68.6          | 32.0                    | 50.4     | 48.4                      | 65.2         |
| JUN.      | 50.5     | 63.8          | 32.3                    | 51.2     | 48.4                      | 65.8         |
| JUL.      | 49.7     | 61.2          | 31.4                    | 49.8     | 48.6                      | 66.5         |
| AGO.      | 49.2     | 57.2          | 31.4                    | 49.8     | 49.1                      | 66.7         |
| SET.      | 48.6     | 64.4          | 31.7                    | 48.8     | 50.3                      | 60.1         |
| OCT.      | 51.5     | 65.0          | 31.8                    | 48.5     | 54.2                      | 68.3         |
| NOV.      | 52.0     | 68.1          | 31.8                    | 49.2     | 52.7                      | 68.5         |
| DIC.      | 52.1     | 68.0          | 32.1                    | 51.2     | 53.0                      | 67.9         |
| 2003 ENE. | 50.8     | 68.6          | 31.0                    | 50.7     | 57.0                      | 63.8         |
| FEB.      | 48.2     | 65.1          | 31.6                    | 50.2     | 57.8                      | 55.9         |
| MAR.      | 50.5     | 72.9          | 34.6                    | 50.6     | 58.1                      | 54.8         |
| ABR.      | 52.6     | 77.0          | 35.4                    | 50.5     | 58.6                      | 58.0         |
| MAY.      | 55.4     | 74.3          | 35.5                    | 50.2     | 58.2                      | 69.6         |
| JUN.      | 55.8     | 72.7          | 36.2                    | 50.4     | 58.5                      | 70.6         |
| JUL.      | 56.8     | 71.2          | 35.7                    | 64.0     | 63.3                      | 71.1         |

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2004      |          |               |                         |          |                           |              |
| AGO.      | 56.6     | 70.3          | 35.8                    | 63.2     | 64.3                      | 70.8         |
| SET.      | 55.8     | 69.1          | 38.9                    | 63.0     | 64.8                      | 64.1         |
| OCT.      | 57.6     | 70.4          | 39.3                    | 52.1     | 67.7                      | 71.4         |
| NOV.      | 58.3     | 70.9          | 40.5                    | 51.2     | 67.0                      | 72.2         |
| DIC.      | 59.2     | 75.8          | 40.4                    | 53.4     | 65.4                      | 72.3         |
| ENE.      | 56.6     | 72.9          | 38.9                    | 54.5     | 64.1                      | 67.2         |
| FEB.      | 54.2     | 74.1          | 39.0                    | 48.5     | 64.0                      | 59.3         |
| MAR.      | 53.4     | 73.8          | 38.7                    | 46.4     | 64.4                      | 57.5         |
| ABR.      | 56.4     | 81.3          | 40.0                    | 46.5     | 64.9                      | 61.5         |
| MAY.      | 58.2     | 78.7          | 39.1                    | 45.6     | 65.0                      | 72.0         |
| JUN.      | 56.2     | 68.3          | 38.7                    | 45.4     | 64.3                      | 74.0         |
| JUL.      | 57.9     | 72.0          | 41.5                    | 44.3     | 61.9                      | 74.1         |
| AGO.      | 60.6     | 76.7          | 45.7                    | 44.8     | 62.8                      | 74.3         |
| SET.      | 60.6     | 75.0          | 51.1                    | 44.2     | 62.7                      | 67.8         |
| OCT.      | 62.3     | 74.7          | 51.3                    | 44.2     | 63.2                      | 74.3         |
| NOV.      | 62.4     | 75.1          | 49.6                    | 48.7     | 65.0                      | 75.2         |
| DIC.      | 64.2     | 84.3          | 48.8                    | 50.4     | 66.1                      | 74.8         |
| 2005      |          |               |                         |          |                           |              |
| ENE.      | 62.6     | 83.7          | 47.5                    | 50.7     | 67.4                      | 70.6         |
| FEB.      | 58.2     | 81.5          | 43.5                    | 50.4     | 63.0                      | 62.4         |
| MAR.      | 57.5     | 81.4          | 42.4                    | 51.1     | 63.9                      | 60.8         |
| ABR.      | 58.6     | 83.6          | 43.0                    | 50.5     | 65.1                      | 62.5         |
| MAY.      | 61.0     | 83.4          | 40.0                    | 50.5     | 65.6                      | 76.5         |
| JUN.      | 61.0     | 75.8          | 42.9                    | 50.1     | 66.4                      | 78.5         |
| JUL.      | 63.7     | 81.8          | 46.8                    | 50.4     | 66.1                      | 78.5         |
| AGO.      | 64.4     | 83.0          | 48.6                    | 49.3     | 67.1                      | 77.3         |
| SET.      | 62.0     | 79.2          | 48.9                    | 49.0     | 68.7                      | 70.2         |
| OCT.      | 64.9     | 80.7          | 49.2                    | 49.5     | 68.5                      | 79.6         |
| NOV.      | 63.4     | 77.1          | 46.5                    | 51.3     | 69.1                      | 79.9         |
| DIC.      | 67.5     | 85.9          | 53.4                    | 52.6     | 68.0                      | 78.7         |
| 2006      |          |               |                         |          |                           |              |
| ENE.      | 65.3     | 85.1          | 54.5                    | 52.8     | 67.9                      | 68.8         |
| FEB.      | 63.9     | 84.9          | 54.4                    | 53.6     | 66.5                      | 63.5         |
| MAR.      | 59.6     | 83.5          | 46.2                    | 53.3     | 67.2                      | 59.8         |
| ABR.      | 64.4     | 83.6          | 52.2                    | 53.6     | 67.5                      | 69.7         |
| MAY.      | 69.5     | 86.5          | 58.7                    | 51.8     | 68.5                      | 78.0         |
| JUN.      | 73.2     | 85.7          | 66.5                    | 53.7     | 68.8                      | 81.3         |
| JUL.      | 75.5     | 86.5          | 71.0                    | 54.3     | 71.4                      | 82.2         |
| AGO.      | 77.9     | 89.6          | 76.5                    | 52.9     | 73.9                      | 80.1         |
| SET.      | 78.2     | 88.8          | 77.5                    | 53.5     | 74.9                      | 80.1         |
| OCT.      | 80.4     | 84.3          | 83.2                    | 55.5     | 76.8                      | 83.3         |
| NOV.      | 84.7     | 88.3          | 90.2                    | 57.0     | 76.7                      | 86.0         |
| DIC.      | 89.6     | 88.0          | 103.4                   | 58.1     | 78.7                      | 84.7         |
| 2007      |          |               |                         |          |                           |              |
| ENE.      | 78.2     | 88.1          | 83.7                    | 57.8     | 79.4                      | 68.4         |
| FEB.      | 78.1     | 91.3          | 83.6                    | 58.3     | 79.6                      | 64.9         |
| MAR.      | 77.9     | 94.0          | 80.2                    | 60.9     | 82.5                      | 65.6         |
| ABR.      | 79.9     | 93.8          | 77.3                    | 61.5     | 85.4                      | 77.0         |
| MAY.      | 82.9     | 92.2          | 80.9                    | 62.8     | 87.1                      | 84.0         |
| JUN.      | 83.2     | 90.4          | 80.6                    | 63.9     | 86.6                      | 86.4         |
| JUL.      | 87.1     | 92.5          | 90.0                    | 64.9     | 85.8                      | 86.8         |
| AGO.      | 85.8     | 92.2          | 87.6                    | 67.5     | 88.7                      | 83.5         |
| SET.      | 83.2     | 91.7          | 79.6                    | 67.9     | 89.6                      | 84.7         |
| OCT.      | 86.0     | 91.7          | 84.7                    | 69.9     | 90.0                      | 87.6         |
| NOV.      | 86.3     | 88.6          | 85.1                    | 71.1     | 90.3                      | 90.4         |
| DIC.      | 87.7     | 97.3          | 81.8                    | 78.2     | 92.8                      | 89.8         |
| 2008      |          |               |                         |          |                           |              |
| ENE.      | 83.2     | 97.7          | 73.5                    | 81.5     | 93.7                      | 81.9         |
| FEB.      | 81.4     | 103.0         | 74.3                    | 83.9     | 96.0                      | 68.0         |
| MAR.      | 80.3     | 103.9         | 69.6                    | 84.3     | 99.4                      | 68.2         |
| ABR.      | 80.4     | 99.1          | 64.2                    | 83.7     | 99.5                      | 79.1         |
| MAY.      | 83.1     | 95.3          | 65.2                    | 83.4     | 97.6                      | 91.1         |
| JUN.      | 84.6     | 95.6          | 66.2                    | 85.1     | 99.3                      | 93.9         |
| JUL.      | 85.1     | 98.1          | 65.5                    | 84.5     | 101.2                     | 94.6         |
| AGO.      | 87.6     | 102.0         | 72.1                    | 85.4     | 103.4                     | 90.9         |
| SET.      | 87.4     | 97.3          | 75.0                    | 86.4     | 104.7                     | 88.1         |
| OCT.      | 89.9     | 95.5          | 77.8                    | 87.7     | 105.4                     | 93.5         |
| NOV.      | 90.3     | 97.3          | 74.7                    | 89.4     | 107.6                     | 96.8         |
| DIC.      | 92.0     | 105.9         | 74.3                    | 93.2     | 107.2                     | 97.2         |
| 2009      |          |               |                         |          |                           |              |
| ENE.      | 83.3     | 92.1          | 65.1                    | 91.4     | 104.8                     | 87.6         |
| FEB.      | 79.1     | 95.4          | 61.8                    | 90.1     | 102.3                     | 76.0         |
| MAR.      | 81.1     | 107.5         | 60.9                    | 92.9     | 103.7                     | 76.0         |
| ABR.      | 86.0     | 102.5         | 68.1                    | 90.0     | 102.3                     | 88.6         |
| MAY.      | 87.5     | 91.9          | 69.3                    | 88.7     | 102.4                     | 97.6         |

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2010 JUN. | 90.4     | 90.9          | 72.9                    | 90.9     | 102.6                     | 102.5        |
| JUL.      | 89.9     | 92.3          | 70.1                    | 90.7     | 102.1                     | 104.0        |
| AGO.      | 90.4     | 100.0         | 75.8                    | 87.9     | 103.0                     | 97.1         |
| SET.      | 92.2     | 97.7          | 85.1                    | 87.4     | 104.6                     | 94.7         |
| OCT.      | 93.9     | 84.8          | 89.5                    | 88.7     | 105.0                     | 101.4        |
| NOV.      | 95.4     | 89.7          | 86.7                    | 89.8     | 107.0                     | 105.3        |
| DIC.      | 98.6     | 119.9         | 82.0                    | 91.3     | 105.3                     | 105.3        |
| 2010 ENE. | 88.8     | 98.3          | 78.4                    | 91.7     | 99.4                      | 89.0         |
| FEB.      | 89.2     | 104.5         | 83.6                    | 91.4     | 99.4                      | 82.7         |
| MAR.      | 89.0     | 107.6         | 78.8                    | 91.6     | 100.4                     | 84.4         |
| ABR.      | 90.0     | 106.0         | 73.7                    | 89.3     | 100.3                     | 94.2         |
| MAY.      | 90.8     | 99.8          | 76.4                    | 90.2     | 101.7                     | 96.5         |
| JUN.      | 93.6     | 108.5         | 76.4                    | 95.6     | 100.8                     | 98.9         |
| JUL.      | 93.7     | 106.8         | 77.3                    | 95.1     | 100.5                     | 99.5         |
| AGO.      | 92.3     | 104.0         | 75.3                    | 95.8     | 99.6                      | 98.1         |
| SET.      | 92.1     | 99.9          | 77.8                    | 96.0     | 99.8                      | 97.0         |
| OCT.      | 100.0    | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 103.1    | 112.6         | 103.4                   | 99.3     | 101.0                     | 100.8        |
| DIC.      | 103.4    | 125.5         | 96.4                    | 101.8    | 101.0                     | 100.7        |
| 2011 ENE. | 95.4     | 107.2         | 87.2                    | 102.9    | 100.2                     | 91.9         |
| FEB.      | 94.1     | 108.7         | 89.1                    | 101.1    | 100.8                     | 85.9         |
| MAR.      | 95.2     | 114.1         | 88.0                    | 99.4     | 102.4                     | 88.3         |
| ABR.      | 98.8     | 123.9         | 85.8                    | 99.2     | 103.6                     | 97.0         |
| MAY.      | 100.6    | 121.2         | 86.6                    | 99.6     | 104.4                     | 102.7        |
| JUN.      | 98.4     | 120.0         | 78.9                    | 100.2    | 105.1                     | 102.9        |
| JUL.      | 97.4     | 111.1         | 78.6                    | 99.7     | 105.0                     | 104.5        |
| AGO.      | 99.0     | 117.7         | 81.9                    | 99.5     | 104.8                     | 103.6        |
| SET.      | 102.4    | 119.3         | 92.8                    | 100.2    | 105.1                     | 103.0        |
| OCT.      | 108.2    | 110.8         | 106.5                   | 100.2    | 105.9                     | 113.1        |
| NOV.      | 112.2    | 123.3         | 110.2                   | 100.1    | 108.1                     | 115.5        |
| DIC.      | 113.0    | 127.3         | 110.2                   | 100.6    | 108.6                     | 115.9        |
| 2012 ENE. | 105.8    | 115.4         | 100.1                   | 101.7    | 107.4                     | 107.9        |
| FEB.      | 102.1    | 110.0         | 101.5                   | 102.1    | 111.1                     | 95.9         |
| MAR.      | 105.3    | 117.5         | 105.9                   | 103.1    | 113.7                     | 97.1         |
| ABR.      | 107.0    | 115.0         | 101.1                   | 102.6    | 115.4                     | 108.1        |
| MAY.      | 110.4    | 119.0         | 97.1                    | 105.6    | 116.4                     | 119.0        |
| JUN.      | 109.5    | 120.4         | 90.8                    | 107.0    | 116.9                     | 120.2        |
| JUL.      | 107.6    | 116.8         | 83.7                    | 110.9    | 115.5                     | 120.9        |
| AGO.      | 106.7    | 111.4         | 85.1                    | 109.3    | 116.0                     | 120.0        |
| SET.      | 107.1    | 97.9          | 101.5                   | 110.6    | 116.8                     | 112.1        |
| OCT.      | 115.9    | 112.6         | 111.1                   | 112.5    | 118.1                     | 122.7        |
| NOV.      | 123.4    | 125.0         | 129.1                   | 112.6    | 119.4                     | 123.9        |
| DIC.      | 122.6    | 134.2         | 119.1                   | 114.0    | 121.3                     | 124.8        |
| 2013 ENE. | 111.0    | 122.1         | 95.8                    | 114.5    | 121.8                     | 114.6        |
| FEB.      | 109.1    | 112.6         | 104.5                   | 116.5    | 122.4                     | 103.6        |
| MAR.      | 110.8    | 119.2         | 105.9                   | 117.8    | 123.7                     | 103.6        |
| ABR.      | 117.5    | 111.7         | 110.7                   | 116.2    | 122.8                     | 125.1        |
| MAY.      | 116.3    | 121.6         | 99.3                    | 116.3    | 123.2                     | 127.1        |
| JUN.      | 114.7    | 123.5         | 90.5                    | 115.6    | 125.4                     | 128.9        |
| JUL.      | 115.4    | 123.9         | 92.2                    | 114.4    | 126.5                     | 129.6        |
| AGO.      | 113.4    | 115.3         | 90.7                    | 115.1    | 128.0                     | 127.8        |
| SET.      | 110.0    | 104.6         | 93.3                    | 115.6    | 129.2                     | 119.1        |
| OCT.      | 113.1    | 110.7         | 90.0                    | 115.7    | 130.9                     | 128.6        |
| NOV.      | 114.5    | 123.8         | 87.5                    | 117.7    | 131.5                     | 127.9        |
| DIC.      | 116.9    | 130.4         | 91.2                    | 118.9    | 131.9                     | 128.4        |
| 2014 ENE. | 112.4    | 128.1         | 90.1                    | 116.4    | 130.6                     | 117.8        |
| FEB.      | 106.4    | 116.8         | 91.7                    | 113.7    | 132.0                     | 103.5        |
| MAR.      | 108.9    | 116.7         | 96.0                    | 114.7    | 134.5                     | 106.4        |
| ABR.      | 113.9    | 121.8         | 93.8                    | 114.8    | 135.4                     | 121.3        |
| MAY.      | 114.8    | 124.6         | 86.7                    | 115.1    | 134.9                     | 129.6        |
| JUN.      | 117.6    | 125.8         | 93.0                    | 113.2    | 134.0                     | 133.4        |
| JUL.      | 117.0    | 126.0         | 90.3                    | 113.2    | 135.3                     | 133.7        |
| AGO.      | 114.7    | 117.7         | 90.7                    | 110.9    | 133.6                     | 131.4        |
| SET.      | 115.8    | 113.8         | 100.2                   | 110.9    | 133.3                     | 128.2        |
| OCT.      | 120.7    | 114.0         | 107.4                   | 111.9    | 132.1                     | 137.0        |
| NOV.      | 123.0    | 123.5         | 109.0                   | 111.8    | 133.2                     | 138.4        |
| DIC.      | 124.3    | 127.6         | 107.0                   | 115.8    | 134.6                     | 139.7        |
| 2015 ENE. | 119.0    | 123.0         | 102.7                   | 114.8    | 132.2                     | 130.1        |
| FEB.      | 114.9    | 113.4         | 113.5                   | 113.7    | 131.3                     | 112.5        |
| MAR.      | 115.4    | 114.5         | 109.3                   | 115.2    | 132.2                     | 116.3        |

**CIUDAD DE TRUJILLO: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
OCTUBRE 1997 - AGOSTO 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Trujillo |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| ABR.      | 119.5    | 116.2         | 105.0                   | 113.9    | 132.3                     | 133.1        |
| MAY.      | 121.9    | 119.6         | 99.2                    | 115.3    | 132.9                     | 143.5        |
| JUN.      | 124.0    | 126.0         | 99.2                    | 114.7    | 131.7                     | 147.7        |
| JUL.      | 123.5    | 121.5         | 96.9                    | 115.3    | 133.1                     | 149.6        |
| AGO.      | 121.7    | 118.8         | 94.0                    | 114.4    | 133.6                     | 148.0        |
| SET.      | 122.1    | 119.0         | 101.1                   | 114.2    | 135.3                     | 142.5        |
| OCT.      | 129.4    | 119.7         | 114.7                   | 114.0    | 136.0                     | 153.0        |
| NOV.      | 130.8    | 124.8         | 114.2                   | 114.1    | 136.9                     | 155.3        |
| DIC.      | 129.9    | 130.3         | 105.5                   | 116.0    | 138.1                     | 156.3        |
| 2016 ENE. | 126.4    | 128.8         | 105.1                   | 114.7    | 136.7                     | 147.6        |
| FEB.      | 123.0    | 126.4         | 111.7                   | 113.7    | 138.3                     | 131.7        |
| MAR.      | 124.3    | 126.7         | 108.6                   | 116.5    | 139.5                     | 136.5        |
| ABR.      | 126.1    | 125.3         | 101.8                   | 113.6    | 137.9                     | 151.1        |
| MAY.      | 129.1    | 128.1         | 99.5                    | 115.6    | 137.7                     | 160.3        |
| JUN.      | 127.9    | 125.7         | 96.0                    | 115.0    | 137.2                     | 161.3        |
| JUL.      | 128.0    | 127.7         | 96.3                    | 114.6    | 137.0                     | 160.7        |
| AGO.      | 127.4    | 127.2         | 97.6                    | 113.4    | 137.4                     | 158.4        |
| SET.      | 128.4    | 129.8         | 106.3                   | 115.3    | 138.8                     | 151.1        |
| OCT.      | 133.8    | 131.2         | 114.3                   | 115.0    | 139.6                     | 160.3        |
| NOV.      | 135.3    | 134.2         | 116.5                   | 115.2    | 140.2                     | 161.6        |
| DIC.      | 137.1    | 142.1         | 117.2                   | 118.1    | 141.2                     | 161.2        |
| 2017 ENE. | 132.5    | 139.6         | 116.6                   | 117.0    | 139.9                     | 149.2        |
| FEB.      | 129.6    | 135.9         | 115.6                   | 114.8    | 142.9                     | 142.9        |
| MAR.      | 129.4    | 131.7         | 115.9                   | 114.4    | 142.4                     | 144.3        |
| ABR.      | 123.3    | 123.3         | 104.4                   | 112.5    | 138.6                     | 141.4        |
| MAY.      | 127.4    | 127.3         | 99.5                    | 113.4    | 134.8                     | 157.4        |
| JUN.      | 130.4    | 139.6         | 101.5                   | 113.8    | 136.5                     | 158.8        |
| JUL.      | 132.6    | 139.5         | 108.5                   | 113.6    | 137.5                     | 159.2        |
| AGO.      | 135.8    | 138.4         | 119.5                   | 114.5    | 138.2                     | 159.8        |
| SET.      | 129.2    | 137.4         | 102.5                   | 114.5    | 140.8                     | 153.4        |
| OCT.      | 130.1    | 130.3         | 102.0                   | 115.4    | 140.6                     | 159.5        |
| NOV.      | 134.6    | 143.6         | 110.5                   | 116.2    | 140.7                     | 159.6        |
| DIC.      | 132.6    | 148.2         | 97.0                    | 121.7    | 140.9                     | 160.0        |
| 2018 ENE. | 129.6    | 146.1         | 99.3                    | 120.7    | 138.3                     | 150.9        |
| FEB.      | 124.3    | 143.1         | 99.2                    | 121.5    | 140.5                     | 134.6        |
| MAR.      | 127.8    | 135.7         | 112.8                   | 123.0    | 140.4                     | 136.7        |
| ABR.      | 125.7    | 126.4         | 98.4                    | 121.4    | 140.3                     | 147.5        |
| MAY.      | 126.3    | 128.0         | 91.1                    | 121.9    | 139.9                     | 155.0        |
| JUN.      | 126.9    | 134.0         | 84.5                    | 121.8    | 140.3                     | 159.6        |
| JUL.      | 126.6    | 135.8         | 82.9                    | 120.7    | 139.6                     | 160.1        |
| AGO.      | 122.3    | 140.9         | 67.5                    | 119.8    | 141.1                     | 157.6        |
| SET.      | 120.5    | 138.2         | 69.0                    | 119.9    | 141.8                     | 151.7        |
| OCT.      | 122.1    | 137.9         | 68.1                    | 120.7    | 141.5                     | 157.3        |
| NOV.      | 121.7    | 135.7         | 67.0                    | 120.3    | 142.3                     | 158.0        |
| DIC.      | 123.8    | 140.8         | 71.6                    | 120.8    | 144.2                     | 157.5        |
| 2019 ENE. | 118.5    | 136.8         | 69.4                    | 120.8    | 141.5                     | 145.2        |
| FEB.      | 115.7    | 138.7         | 70.7                    | 120.9    | 143.4                     | 133.6        |
| MAR.      | 117.3    | 135.6         | 73.1                    | 122.2    | 144.6                     | 136.2        |
| ABR.      | 118.2    | 135.9         | 66.0                    | 119.8    | 142.6                     | 152.2        |
| MAY.      | 120.9    | 137.3         | 67.7                    | 119.9    | 141.5                     | 159.0        |
| JUN.      | 121.7    | 141.4         | 67.3                    | 121.4    | 142.1                     | 159.6        |
| JUL.      | 117.2    | 137.0         | 59.2                    | 122.2    | 143.6                     | 157.7        |
| AGO. P/   | 112.9    | 133.0         | 57.8                    | 121.1    | 142.8                     | 147.1        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en octubre 1997.

1/ Conformada por las subramas agricultura, pesca y minería.

2/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

**Fuente:** MTPE – Encuesta Nacional de Variación Mensual del Empleo (ENVME).

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                              |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                              |          |                                 |                  |
|-----------|--------------------|-------------------|------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|------------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufactur<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufactur<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| 1998 OCT. | -4.5               | 13.2              | -6.7                         | -21.0    | -1.1                            | -3.9             | -                           | -                 | -                            | -        | -                               | -                |
| NOV.      | -3.3               | 13.5              | -5.7                         | -16.7    | -1.8                            | -3.1             | -                           | -                 | -                            | -        | -                               | -                |
| DIC.      | -1.6               | 17.0              | -3.4                         | -10.0    | -2.4                            | -3.9             | -                           | -                 | -                            | -        | -                               | -                |
| 1999 ENE. | 4.2                | 19.3              | 16.1                         | -7.6     | -0.8                            | -2.2             | 4.2                         | 19.3              | 16.1                         | -7.6     | -0.8                            | -2.2             |
| FEB.      | 6.2                | 22.4              | 12.3                         | -10.3    | -2.2                            | 4.3              | 5.2                         | 20.9              | 14.2                         | -9.0     | -1.5                            | 0.9              |
| MAR.      | 2.5                | 23.0              | 9.6                          | -5.2     | -1.6                            | -6.6             | 4.3                         | 21.6              | 12.6                         | -7.7     | -1.5                            | -1.6             |
| ABR.      | 4.2                | 22.8              | 8.6                          | -8.1     | -1.1                            | -0.5             | 4.3                         | 21.9              | 11.6                         | -7.8     | -1.4                            | -1.3             |
| MAY.      | 3.3                | 31.3              | 2.6                          | -5.8     | -1.0                            | -2.8             | 4.1                         | 23.8              | 9.7                          | -7.4     | -1.3                            | -1.6             |
| JUN.      | 2.8                | 34.4              | -3.4                         | -5.6     | -2.9                            | -1.2             | 3.8                         | 25.6              | 7.2                          | -7.1     | -1.6                            | -1.6             |
| JUL.      | 1.5                | 32.1              | 0.8                          | -6.2     | -8.0                            | -4.4             | 3.5                         | 26.5              | 6.3                          | -7.0     | -2.5                            | -2.0             |
| AGO.      | -1.1               | 13.0              | -1.4                         | -8.8     | -5.7                            | -2.8             | 2.9                         | 24.7              | 5.3                          | -7.2     | -2.9                            | -2.1             |
| SET.      | 2.2                | 30.9              | -2.5                         | -4.1     | -6.2                            | -2.4             | 2.8                         | 25.4              | 4.4                          | -6.9     | -3.3                            | -2.1             |
| OCT.      | 2.6                | 24.1              | -0.6                         | -3.2     | -1.5                            | -1.8             | 2.8                         | 25.3              | 3.9                          | -6.5     | -3.1                            | -2.1             |
| NOV.      | 1.6                | 25.4              | -2.0                         | -6.9     | -3.8                            | -2.2             | 2.7                         | 25.3              | 3.3                          | -6.6     | -3.2                            | -2.1             |
| DIC.      | 2.4                | 28.1              | 0.3                          | -8.7     | -3.6                            | -1.7             | 2.7                         | 25.5              | 3.0                          | -6.7     | -3.2                            | -2.1             |
| 2000 ENE. | 1.6                | 24.5              | -0.5                         | -8.4     | -5.8                            | -1.6             | 1.6                         | 24.5              | -0.5                         | -8.4     | -5.8                            | -1.6             |
| FEB.      | -1.5               | 22.7              | 0.6                          | -8.6     | -6.1                            | -10.2            | 0.1                         | 23.6              | 0.0                          | -8.5     | -5.9                            | -5.9             |
| MAR.      | 1.8                | 26.9              | 1.2                          | -12.6    | -8.6                            | -0.5             | 0.6                         | 24.7              | 0.4                          | -9.9     | -6.8                            | -4.2             |
| ABR.      | -0.4               | 15.0              | 0.3                          | -10.4    | -8.6                            | -1.7             | 0.4                         | 22.2              | 0.4                          | -10.0    | -7.3                            | -3.5             |
| MAY.      | 2.4                | 12.4              | -0.7                         | -5.3     | -9.0                            | 4.9              | 0.8                         | 20.1              | 0.2                          | -9.1     | -7.6                            | -1.8             |
| JUN.      | 3.4                | 13.8              | 3.3                          | -3.7     | -10.7                           | 4.2              | 1.2                         | 19.0              | 0.7                          | -8.2     | -8.1                            | -0.7             |
| JUL.      | 3.6                | 13.9              | -2.6                         | -3.0     | -8.2                            | 7.1              | 1.6                         | 18.2              | 0.2                          | -7.4     | -8.1                            | 0.4              |
| AGO.      | 6.1                | 28.1              | 0.3                          | -4.2     | -10.6                           | 8.0              | 2.2                         | 19.4              | 0.2                          | -7.0     | -8.5                            | 1.4              |
| SET.      | 1.1                | 3.7               | 8.9                          | -1.1     | -12.8                           | -2.2             | 2.0                         | 17.5              | 1.2                          | -6.4     | -8.9                            | 1.0              |
| OCT.      | 2.2                | 2.7               | 4.1                          | 0.5      | -12.5                           | 3.1              | 2.0                         | 15.9              | 1.5                          | -5.7     | -9.3                            | 1.2              |
| NOV.      | 1.8                | -3.9              | 7.3                          | 1.9      | -8.2                            | 1.9              | 2.0                         | 13.8              | 2.0                          | -5.0     | -9.2                            | 1.3              |
| DIC.      | 0.9                | -1.7              | 3.7                          | 0.0      | -7.9                            | 1.6              | 1.9                         | 12.4              | 2.1                          | -4.6     | -9.1                            | 1.3              |
| 2001 ENE. | -0.3               | -1.2              | 1.2                          | -0.8     | -6.7                            | -0.3             | -0.3                        | -1.2              | 1.2                          | -0.8     | -6.7                            | -0.3             |
| FEB.      | -0.4               | -3.3              | -0.3                         | 1.6      | -6.1                            | 1.0              | -0.4                        | -2.2              | 0.4                          | 0.4      | -6.4                            | 0.3              |
| MAR.      | -3.4               | -8.1              | -2.4                         | 2.4      | -2.7                            | -5.4             | -1.4                        | -4.2              | -0.5                         | 1.0      | -5.2                            | -1.6             |
| ABR.      | -2.6               | -7.3              | -3.2                         | 3.0      | -3.2                            | -3.5             | -1.7                        | -5.0              | -1.2                         | 1.5      | -4.7                            | -2.1             |
| MAY.      | -5.4               | -11.4             | -3.1                         | -0.5     | -6.3                            | -6.7             | -2.4                        | -6.2              | -1.6                         | 1.1      | -5.0                            | -3.1             |
| JUN.      | -5.8               | -13.3             | -3.5                         | -8.8     | -3.9                            | -4.1             | -3.0                        | -7.4              | -1.9                         | -0.6     | -4.8                            | -3.3             |
| JUL.      | -5.8               | -10.7             | 0.3                          | -10.9    | -6.4                            | -6.2             | -3.4                        | -7.9              | -1.6                         | -2.2     | -5.1                            | -3.8             |
| AGO.      | -5.5               | -11.4             | 0.9                          | -6.1     | -6.6                            | -7.6             | -3.7                        | -8.4              | -1.3                         | -2.6     | -5.2                            | -4.3             |
| SET.      | -6.5               | -0.6              | -8.7                         | -13.7    | -6.4                            | -4.8             | -4.0                        | -7.5              | -2.1                         | -4.0     | -5.4                            | -4.3             |
| OCT.      | -5.8               | -5.5              | -4.4                         | -12.7    | -8.1                            | -3.8             | -4.2                        | -7.3              | -2.4                         | -4.9     | -5.6                            | -4.3             |
| NOV.      | -5.1               | -1.6              | -5.7                         | -12.3    | -7.0                            | -3.3             | -4.3                        | -6.8              | -2.7                         | -5.6     | -5.7                            | -4.2             |
| DIC.      | -3.4               | -3.8              | -2.9                         | -9.8     | -9.6                            | -0.5             | -4.2                        | -6.6              | -2.7                         | -6.0     | -6.1                            | -3.9             |
| 2002 ENE. | -5.4               | -10.5             | -5.5                         | -1.0     | -12.4                           | -2.4             | -5.4                        | -10.5             | -5.5                         | -1.0     | -12.4                           | -2.4             |
| FEB.      | -5.5               | -17.1             | -4.3                         | 2.5      | -7.9                            | -1.7             | -5.4                        | -13.8             | -4.9                         | 0.7      | -10.2                           | -2.1             |
| MAR.      | 0.2                | 0.0               | -1.5                         | 3.9      | -7.7                            | 2.8              | -3.6                        | -9.4              | -3.8                         | 1.8      | -9.3                            | -0.5             |
| ABR.      | 5.6                | 13.0              | 9.3                          | -1.1     | -9.9                            | 6.1              | -1.3                        | -4.1              | -0.6                         | 1.1      | -9.5                            | 1.1              |
| MAY.      | 9.1                | 23.5              | 10.2                         | -3.1     | -6.7                            | 9.8              | 0.8                         | 1.1               | 1.5                          | 0.2      | -8.9                            | 3.0              |
| JUN.      | 6.7                | 13.1              | 8.9                          | 3.6      | -5.8                            | 6.1              | 1.8                         | 3.0               | 2.8                          | 0.8      | -8.4                            | 3.6              |
| JUL.      | 6.9                | 10.7              | 6.4                          | 6.4      | -2.7                            | 7.5              | 2.5                         | 4.1               | 3.3                          | 1.5      | -7.6                            | 4.2              |
| AGO.      | 5.0                | -1.0              | 5.6                          | 3.5      | -1.0                            | 8.5              | 2.9                         | 3.4               | 3.6                          | 1.8      | -6.9                            | 4.8              |
| SET.      | 7.1                | 6.8               | 8.1                          | 4.0      | 1.6                             | 8.2              | 3.3                         | 3.8               | 4.1                          | 2.0      | -6.0                            | 5.1              |
| OCT.      | 10.1               | 14.5              | 6.9                          | 5.4      | 8.6                             | 11.4             | 4.0                         | 4.9               | 4.4                          | 2.3      | -4.6                            | 5.8              |
| NOV.      | 9.9                | 15.6              | 5.3                          | 6.6      | 4.6                             | 12.0             | 4.5                         | 5.9               | 4.4                          | 2.7      | -3.8                            | 6.4              |
| DIC.      | 7.9                | 14.0              | 4.5                          | 4.4      | 6.3                             | 8.5              | 4.8                         | 6.6               | 4.4                          | 2.8      | -3.0                            | 6.6              |
| 2003 ENE. | 11.4               | 24.7              | 9.7                          | -1.0     | 15.3                            | 8.7              | 11.4                        | 24.7              | 9.7                          | -1.0     | 15.3                            | 8.7              |
| FEB.      | 11.3               | 27.0              | 10.2                         | -3.7     | 11.4                            | 8.9              | 11.4                        | 25.8              | 9.9                          | -2.4     | 13.3                            | 8.8              |
| MAR.      | 10.9               | 24.4              | 15.8                         | -2.3     | 10.8                            | 4.1              | 11.2                        | 25.3              | 11.9                         | -2.4     | 12.5                            | 7.2              |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                              |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                              |          |                                 |                  |
|-----------|--------------------|-------------------|------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|------------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufactur<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufactur<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| ABR.      | 9.2                | 19.7              | 8.3                          | 3.0      | 13.1                            | 4.7              | 10.7                        | 23.8              | 10.9                         | -1.1     | 12.6                            | 6.6              |
| MAY.      | 7.5                | 7.9               | 8.7                          | 1.6      | 12.5                            | 7.5              | 10.0                        | 20.1              | 10.5                         | -0.5     | 12.6                            | 6.8              |
| JUN.      | 8.7                | 13.5              | 9.6                          | 0.9      | 13.1                            | 7.6              | 9.7                         | 18.9              | 10.3                         | -0.3     | 12.7                            | 7.0              |
| JUL.      | 11.8               | 14.9              | 12.6                         | 12.7     | 20.8                            | 8.0              | 10.1                        | 18.3              | 10.7                         | 1.5      | 13.8                            | 7.1              |
| AGO.      | 12.0               | 20.8              | 13.7                         | 13.4     | 18.1                            | 6.0              | 10.3                        | 18.6              | 11.0                         | 3.0      | 14.4                            | 7.0              |
| SET.      | 11.8               | 6.1               | 20.8                         | 13.8     | 18.4                            | 7.3              | 10.5                        | 17.1              | 12.1                         | 4.2      | 14.8                            | 7.0              |
| OCT.      | 9.0                | 6.4               | 22.7                         | -1.6     | 17.2                            | 5.2              | 10.3                        | 16.0              | 13.2                         | 3.6      | 15.1                            | 6.8              |
| NOV.      | 9.2                | 2.6               | 26.1                         | -1.5     | 18.0                            | 5.6              | 10.2                        | 14.6              | 14.4                         | 3.1      | 15.4                            | 6.7              |
| DIC.      | 10.8               | 9.3               | 24.8                         | 0.8      | 16.1                            | 6.3              | 10.3                        | 14.1              | 15.3                         | 2.9      | 15.4                            | 6.6              |
| 2004 ENE. | 9.5                | 5.0               | 22.0                         | 2.4      | 8.7                             | 7.0              | 9.5                         | 5.0               | 22.0                         | 2.4      | 8.7                             | 7.0              |
| FEB.      | 10.2               | 12.1              | 20.7                         | 1.5      | 6.9                             | 5.6              | 9.8                         | 8.4               | 21.4                         | 2.0      | 7.8                             | 6.4              |
| MAR.      | 5.0                | 1.4               | 9.9                          | -1.6     | 6.6                             | 5.2              | 8.2                         | 6.0               | 17.3                         | 0.8      | 7.4                             | 6.0              |
| ABR.      | 5.3                | 5.5               | 11.6                         | -4.9     | 7.0                             | 3.9              | 7.4                         | 5.9               | 15.8                         | -0.6     | 7.3                             | 5.4              |
| MAY.      | 4.2                | 4.4               | 9.2                          | -4.3     | 7.5                             | 4.0              | 6.8                         | 5.6               | 14.4                         | -1.4     | 7.3                             | 5.1              |
| JUN.      | 1.2                | -5.9              | 6.4                          | -4.4     | 5.3                             | 4.7              | 5.8                         | 3.6               | 13.0                         | -1.9     | 7.0                             | 5.0              |
| JUL.      | 1.6                | 0.0               | 13.8                         | -15.4    | -2.9                            | 4.2              | 5.1                         | 3.1               | 13.1                         | -4.0     | 5.5                             | 4.9              |
| AGO.      | 5.8                | 8.0               | 24.3                         | -15.1    | -1.9                            | 4.5              | 5.2                         | 3.7               | 14.6                         | -5.5     | 4.5                             | 4.9              |
| SET.      | 7.3                | 8.5               | 29.0                         | -15.0    | -3.3                            | 5.4              | 5.4                         | 4.2               | 16.3                         | -6.6     | 3.6                             | 4.9              |
| OCT.      | 7.4                | 6.9               | 27.2                         | -4.7     | -6.4                            | 4.2              | 5.6                         | 4.5               | 17.5                         | -6.5     | 2.5                             | 4.8              |
| NOV.      | 6.0                | 6.6               | 20.0                         | -4.6     | -3.7                            | 4.1              | 5.7                         | 4.7               | 17.8                         | -6.3     | 1.9                             | 4.8              |
| DIC.      | 7.0                | 10.5              | 18.4                         | -3.3     | -0.8                            | 3.7              | 5.8                         | 5.2               | 17.8                         | -6.1     | 1.7                             | 4.7              |
| 2005 ENE. | 7.5                | 14.0              | 20.0                         | -5.6     | 1.6                             | 1.6              | 7.5                         | 14.0              | 20.0                         | -5.6     | 1.6                             | 1.6              |
| FEB.      | 5.3                | 9.7               | 10.3                         | 0.2      | -2.8                            | 3.4              | 6.4                         | 11.8              | 15.2                         | -2.7     | -0.6                            | 2.5              |
| MAR.      | 6.1                | 9.6               | 9.5                          | 1.5      | -3.1                            | 6.3              | 6.3                         | 11.1              | 13.3                         | -1.4     | -1.4                            | 3.7              |
| ABR.      | 3.8                | 2.1               | 7.3                          | 3.7      | -3.3                            | 4.7              | 5.7                         | 8.7               | 11.8                         | -0.1     | -1.9                            | 4.0              |
| MAY.      | 4.5                | 8.0               | 2.9                          | 3.7      | -3.1                            | 6.0              | 5.4                         | 8.6               | 10.0                         | 0.6      | -2.1                            | 4.4              |
| JUN.      | 7.2                | 9.6               | 9.9                          | 4.5      | -0.4                            | 7.0              | 5.7                         | 8.7               | 10.0                         | 1.2      | -1.8                            | 4.9              |
| JUL.      | 8.7                | 13.1              | 12.0                         | 4.0      | 2.6                             | 7.0              | 6.1                         | 9.3               | 10.3                         | 1.6      | -1.2                            | 5.2              |
| AGO.      | 6.2                | 7.8               | 6.4                          | 4.1      | 1.0                             | 7.3              | 6.2                         | 9.1               | 9.7                          | 1.9      | -1.0                            | 5.5              |
| SET.      | 3.3                | 4.5               | -2.7                         | 5.9      | 2.4                             | 6.7              | 5.8                         | 8.6               | 8.1                          | 2.4      | -0.6                            | 5.7              |
| OCT.      | 5.2                | 9.0               | -2.7                         | 5.9      | 1.4                             | 10.0             | 5.8                         | 8.6               | 6.8                          | 2.7      | -0.4                            | 6.1              |
| NOV.      | 3.0                | 1.9               | -4.4                         | 5.7      | -1.1                            | 9.7              | 5.5                         | 8.0               | 5.6                          | 3.0      | -0.5                            | 6.5              |
| DIC.      | 6.3                | 2.3               | 10.7                         | 4.9      | -2.8                            | 9.5              | 5.6                         | 7.5               | 6.1                          | 3.1      | -0.7                            | 6.7              |
| 2006 ENE. | 5.4                | 1.9               | 15.1                         | 4.8      | -3.7                            | 3.5              | 5.4                         | 1.9               | 15.1                         | 4.8      | -3.7                            | 3.5              |
| FEB.      | 10.6               | 3.7               | 24.9                         | 5.9      | 0.9                             | 9.5              | 7.9                         | 2.8               | 19.8                         | 5.3      | -1.4                            | 6.3              |
| MAR.      | 6.6                | 2.6               | 10.9                         | 6.9      | 1.1                             | 7.9              | 7.5                         | 2.7               | 17.0                         | 5.9      | -0.6                            | 6.8              |
| ABR.      | 10.2               | 0.4               | 21.6                         | 1.4      | 1.3                             | 15.8             | 8.2                         | 2.1               | 18.1                         | 4.7      | -0.1                            | 9.2              |
| MAY.      | 13.2               | 1.8               | 43.7                         | 0.5      | 3.8                             | 9.6              | 9.2                         | 2.1               | 22.9                         | 3.9      | 0.7                             | 9.3              |
| JUN.      | 17.9               | 13.1              | 51.0                         | 2.2      | 3.1                             | 9.8              | 10.7                        | 3.8               | 27.5                         | 3.6      | 1.1                             | 9.4              |
| JUL.      | 16.8               | 5.7               | 48.1                         | 4.0      | 8.5                             | 9.9              | 11.6                        | 4.0               | 30.7                         | 3.7      | 2.1                             | 9.4              |
| AGO.      | 19.2               | 7.3               | 52.8                         | 3.7      | 11.7                            | 11.0             | 12.6                        | 4.5               | 33.7                         | 3.7      | 3.3                             | 9.7              |
| SET.      | 22.6               | 11.6              | 51.7                         | 3.8      | 11.2                            | 18.0             | 13.8                        | 5.2               | 35.9                         | 3.7      | 4.2                             | 10.6             |
| OCT.      | 20.9               | 4.4               | 62.2                         | 4.9      | 14.2                            | 10.5             | 14.5                        | 5.1               | 38.7                         | 3.8      | 5.2                             | 10.6             |
| NOV.      | 28.8               | 15.7              | 83.9                         | 4.2      | 15.3                            | 12.3             | 15.9                        | 6.1               | 43.0                         | 3.9      | 6.2                             | 10.8             |
| DIC.      | 27.9               | 4.3               | 83.0                         | 4.0      | 18.5                            | 12.5             | 17.0                        | 5.9               | 46.8                         | 3.9      | 7.2                             | 10.9             |
| 2007 ENE. | 19.7               | 5.4               | 47.2                         | 4.7      | 20.0                            | 10.4             | 19.7                        | 5.4               | 47.2                         | 4.7      | 20.0                            | 10.4             |
| FEB.      | 20.4               | 8.0               | 47.3                         | 7.4      | 20.7                            | 8.9              | 20.0                        | 6.7               | 47.3                         | 6.1      | 20.3                            | 9.6              |
| MAR.      | 26.7               | 12.5              | 62.9                         | 11.0     | 22.8                            | 15.1             | 22.2                        | 8.6               | 52.0                         | 7.8      | 21.2                            | 11.4             |
| ABR.      | 21.7               | 12.3              | 41.9                         | 8.9      | 25.6                            | 15.7             | 22.1                        | 9.6               | 49.5                         | 8.0      | 22.3                            | 12.6             |
| MAY.      | 17.3               | 7.5               | 33.1                         | 12.3     | 24.9                            | 10.8             | 21.0                        | 9.1               | 45.9                         | 8.9      | 22.8                            | 12.2             |
| JUN.      | 13.2               | 5.8               | 19.0                         | 10.2     | 25.2                            | 10.5             | 19.6                        | 8.6               | 40.6                         | 9.1      | 23.2                            | 11.9             |
| JUL.      | 14.1               | 7.4               | 23.9                         | 9.5      | 17.1                            | 10.5             | 18.7                        | 8.4               | 37.7                         | 9.1      | 22.3                            | 11.6             |
| AGO.      | 9.6                | 3.7               | 13.2                         | 12.1     | 16.6                            | 7.6              | 17.4                        | 7.8               | 33.9                         | 9.5      | 21.5                            | 11.1             |
| SET.      | 7.7                | 6.9               | 3.0                          | 12.3     | 17.8                            | 8.5              | 16.2                        | 7.7               | 29.7                         | 9.8      | 21.1                            | 10.8             |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES |      | VARIACIÓN ANUAL 1/ |                   |                                |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                                |          |                                 |                  |
|-----------|------|--------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|
|           |      | Total              | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| 2008      | OCT. | 7.3                | 9.6               | 1.6                            | 13.0     | 16.4                            | 7.3              | 15.2                        | 7.9               | 26.1                           | 10.1     | 20.6                            | 10.4             |
|           | NOV. | 3.5                | 2.0               | -5.2                           | 13.1     | 16.0                            | 7.3              | 14.0                        | 7.3               | 22.4                           | 10.4     | 20.1                            | 10.0             |
|           | DIC. | 1.2                | 11.4              | -19.3                          | 19.5     | 15.9                            | 10.4             | 12.7                        | 7.7               | 17.4                           | 11.2     | 19.7                            | 10.1             |
|           | ENE. | 7.3                | 11.3              | -11.1                          | 19.7     | 15.4                            | 19.3             | 7.3                         | 11.3              | -11.1                          | 19.7     | 15.4                            | 19.3             |
|           | FEB. | 5.3                | 14.2              | -9.8                           | 13.6     | 18.5                            | 9.2              | 6.3                         | 12.8              | -10.5                          | 16.6     | 16.9                            | 14.4             |
|           | MAR. | 4.3                | 12.2              | -11.1                          | 10.9     | 19.3                            | 7.3              | 5.6                         | 12.6              | -10.7                          | 14.6     | 17.7                            | 12.0             |
|           | ABR. | 2.0                | 4.1               | -14.8                          | 14.7     | 17.7                            | 6.4              | 4.7                         | 10.4              | -11.7                          | 14.6     | 17.7                            | 10.4             |
|           | MAY. | 2.0                | 2.0               | -17.0                          | 14.0     | 14.6                            | 11.0             | 4.1                         | 8.7               | -12.7                          | 14.5     | 17.1                            | 10.5             |
|           | JUN. | 2.9                | 4.3               | -15.5                          | 14.5     | 14.5                            | 10.7             | 3.9                         | 8.0               | -13.2                          | 14.5     | 16.6                            | 10.6             |
| 2009      | JUL. | 0.2                | 3.8               | -24.2                          | 15.4     | 18.7                            | 10.9             | 3.4                         | 7.4               | -14.9                          | 14.6     | 17.0                            | 10.6             |
|           | AGO. | 3.5                | 8.1               | -16.2                          | 13.8     | 20.6                            | 11.1             | 3.4                         | 7.5               | -15.1                          | 14.5     | 17.4                            | 10.7             |
|           | SET. | 5.2                | 0.9               | -5.3                           | 14.7     | 20.3                            | 7.9              | 3.6                         | 6.7               | -14.0                          | 14.5     | 17.8                            | 10.3             |
|           | OCT. | 5.4                | -0.6              | -7.9                           | 18.0     | 20.9                            | 9.8              | 3.8                         | 6.0               | -13.4                          | 14.9     | 18.1                            | 10.3             |
|           | NOV. | 5.2                | 4.3               | -12.4                          | 18.9     | 22.9                            | 10.2             | 3.9                         | 5.8               | -13.3                          | 15.3     | 18.6                            | 10.3             |
|           | DIC. | 3.9                | 3.7               | -9.7                           | 12.5     | 20.9                            | 7.2              | 3.9                         | 5.6               | -13.0                          | 15.0     | 18.8                            | 10.0             |
|           | ENE. | 0.0                | -9.3              | -10.8                          | 8.9      | 16.7                            | 5.6              | 0.0                         | -9.3              | -10.8                          | 8.9      | 16.7                            | 5.6              |
|           | FEB. | -2.9               | -10.2             | -16.0                          | 5.0      | 13.5                            | 6.3              | -1.4                        | -9.8              | -13.4                          | 7.0      | 15.1                            | 5.9              |
|           | MAR. | -0.2               | -0.6              | -11.9                          | 6.8      | 11.0                            | 5.0              | -1.0                        | -6.6              | -12.9                          | 6.9      | 13.7                            | 5.6              |
| 2010      | ABR. | 5.4                | 2.8               | 3.9                            | 8.5      | 8.2                             | 6.1              | 0.6                         | -4.4              | -9.0                           | 7.3      | 12.3                            | 5.8              |
|           | MAY. | 3.9                | -3.4              | 3.8                            | 6.8      | 8.5                             | 3.3              | 1.3                         | -4.2              | -6.6                           | 7.2      | 11.5                            | 5.2              |
|           | JUN. | 5.0                | -4.7              | 6.6                            | 6.2      | 7.5                             | 5.3              | 1.9                         | -4.3              | -4.5                           | 7.0      | 10.8                            | 5.2              |
|           | JUL. | 3.6                | -5.2              | 3.5                            | 5.0      | 4.1                             | 5.6              | 2.2                         | -4.4              | -3.4                           | 6.7      | 9.8                             | 5.3              |
|           | AGO. | 1.8                | -1.4              | 2.2                            | 3.3      | 2.5                             | 2.5              | 2.1                         | -4.0              | -2.7                           | 6.3      | 8.8                             | 4.9              |
|           | SET. | 2.9                | 1.0               | 8.6                            | 1.2      | 2.0                             | 2.3              | 2.2                         | -3.5              | -1.3                           | 5.7      | 8.0                             | 4.6              |
|           | OCT. | 2.1                | -9.4              | 10.6                           | -1.5     | 0.3                             | 3.8              | 2.2                         | -4.1              | 0.0                            | 4.9      | 7.2                             | 4.5              |
|           | NOV. | 3.1                | -6.2              | 12.1                           | -2.0     | 0.7                             | 4.1              | 2.3                         | -4.2              | 1.1                            | 4.3      | 6.5                             | 4.5              |
|           | DIC. | 5.1                | 13.3              | 8.0                            | -1.3     | -0.8                            | 5.1              | 2.5                         | -2.7              | 1.7                            | 3.8      | 5.9                             | 4.5              |
| 2011      | ENE. | 4.7                | 7.0               | 16.3                           | 0.9      | -2.2                            | 0.0              | 4.7                         | 7.0               | 16.3                           | 0.9      | -2.2                            | 0.0              |
|           | FEB. | 10.3               | 7.9               | 28.3                           | 2.0      | -1.0                            | 8.9              | 7.4                         | 7.4               | 22.2                           | 1.4      | -1.6                            | 4.2              |
|           | MAR. | 7.7                | -0.4              | 23.4                           | -1.7     | -0.8                            | 10.2             | 7.5                         | 4.6               | 22.6                           | 0.4      | -1.3                            | 6.2              |
|           | ABR. | 4.2                | 2.1               | 7.3                            | -0.3     | 0.2                             | 6.3              | 6.7                         | 4.0               | 18.5                           | 0.2      | -0.9                            | 6.2              |
|           | MAY. | 3.3                | 7.1               | 8.9                            | 1.6      | 1.4                             | -0.4             | 6.0                         | 4.6               | 16.5                           | 0.5      | -0.5                            | 4.7              |
|           | JUN. | 2.6                | 16.6              | 3.6                            | 4.4      | -0.7                            | -2.6             | 5.4                         | 6.5               | 14.2                           | 1.1      | -0.5                            | 3.3              |
|           | JUL. | 3.6                | 13.6              | 8.5                            | 4.6      | 1.1                             | -2.8             | 5.1                         | 7.4               | 13.3                           | 1.6      | -0.3                            | 2.3              |
|           | AGO. | 1.9                | 2.5               | -0.3                           | 6.5      | -0.4                            | 0.7              | 4.7                         | 6.8               | 11.5                           | 2.2      | -0.3                            | 2.1              |
|           | SET. | 1.0                | 1.3               | -7.1                           | 7.4      | -1.1                            | 3.4              | 4.2                         | 6.2               | 9.1                            | 2.8      | -0.4                            | 2.2              |
| 2012      | OCT. | 5.6                | 14.9              | 9.7                            | 8.5      | -0.1                            | 0.4              | 4.4                         | 7.0               | 9.1                            | 3.3      | -0.4                            | 2.0              |
|           | NOV. | 6.6                | 21.6              | 16.1                           | 7.6      | -2.2                            | -1.6             | 4.6                         | 8.2               | 9.9                            | 3.7      | -0.5                            | 1.7              |
|           | DIC. | 3.7                | 2.9               | 13.8                           | 7.6      | -1.6                            | -2.2             | 4.5                         | 7.7               | 10.2                           | 4.1      | -0.6                            | 1.3              |
|           | ENE. | 6.6                | 7.3               | 9.0                            | 8.0      | 2.8                             | 5.6              | 6.6                         | 7.3               | 9.0                            | 8.0      | 2.8                             | 5.6              |
|           | FEB. | 4.1                | 4.0               | 5.3                            | 7.0      | 1.9                             | 2.6              | 5.4                         | 5.6               | 7.1                            | 7.5      | 2.3                             | 4.1              |
|           | MAR. | 6.0                | 5.6               | 9.7                            | 6.9      | 4.1                             | 4.1              | 5.6                         | 5.6               | 7.9                            | 7.3      | 2.9                             | 4.1              |
|           | ABR. | 7.5                | 15.9              | 12.7                           | 7.7      | 5.1                             | 2.2              | 6.1                         | 8.2               | 9.1                            | 7.4      | 3.5                             | 3.6              |
|           | MAY. | 8.2                | 18.9              | 10.5                           | 7.5      | 4.5                             | 4.7              | 6.5                         | 10.3              | 9.3                            | 7.4      | 3.7                             | 3.9              |
|           | JUN. | 4.5                | 9.7               | 3.0                            | 4.8      | 6.7                             | 2.8              | 6.2                         | 10.2              | 8.3                            | 6.9      | 4.2                             | 3.7              |
| 2013      | JUL. | 3.5                | 3.1               | 1.9                            | 5.3      | 5.1                             | 3.3              | 5.8                         | 9.1               | 7.4                            | 6.7      | 4.3                             | 3.6              |
|           | AGO. | 6.2                | 12.0              | 7.5                            | 4.7      | 6.1                             | 4.3              | 5.8                         | 9.5               | 7.4                            | 6.5      | 4.5                             | 3.7              |
|           | SET. | 8.6                | 17.5              | 16.6                           | 4.5      | 5.9                             | 3.8              | 6.1                         | 10.4              | 8.4                            | 6.2      | 4.7                             | 3.7              |
|           | OCT. | 6.3                | 9.2               | 6.1                            | 2.1      | 5.1                             | 7.9              | 6.2                         | 10.3              | 8.2                            | 5.8      | 4.7                             | 4.2              |
|           | NOV. | 6.8                | 8.3               | 6.6                            | 2.9      | 6.7                             | 8.4              | 6.2                         | 10.1              | 8.0                            | 5.5      | 4.9                             | 4.6              |
|           | DIC. | 7.4                | 1.0               | 13.4                           | 1.9      | 7.8                             | 8.8              | 6.3                         | 9.2               | 8.5                            | 5.2      | 5.2                             | 4.9              |
|           | ENE. | 7.3                | 6.5               | 14.0                           | 1.0      | 7.3                             | 6.8              | 7.3                         | 6.5               | 14.0                           | 1.0      | 7.3                             | 6.8              |
|           | FEB. | 6.3                | 0.3               | 13.4                           | 2.8      | 9.3                             | 4.8              | 6.8                         | 3.4               | 13.7                           | 1.9      | 8.3                             | 5.8              |
|           | MAR. | 7.4                | 2.2               | 18.5                           | 3.6      | 6.9                             | 4.5              | 7.0                         | 3.0               | 15.3                           | 2.4      | 7.8                             | 5.4              |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                              |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                              |          |                                 |                  |
|-----------|--------------------|-------------------|------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|------------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufactur<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufactur<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| ABR.      | 6.3                | -6.9              | 16.0                         | 4.3      | 7.4                             | 6.4              | 6.8                         | 0.3               | 15.5                         | 2.9      | 7.7                             | 5.7              |
| MAY.      | 7.6                | -1.7              | 11.0                         | 5.1      | 8.3                             | 10.1             | 7.0                         | -0.1              | 14.6                         | 3.3      | 7.8                             | 6.6              |
| JUN.      | 8.7                | 0.2               | 12.9                         | 5.8      | 7.5                             | 11.3             | 7.2                         | -0.1              | 14.3                         | 3.8      | 7.8                             | 7.5              |
| JUL.      | 8.1                | 4.8               | 5.0                          | 8.3      | 6.9                             | 10.9             | 7.4                         | 0.6               | 13.1                         | 4.4      | 7.6                             | 8.0              |
| AGO.      | 5.8                | -5.1              | 3.2                          | 7.1      | 6.3                             | 10.5             | 7.2                         | -0.1              | 11.9                         | 4.8      | 7.5                             | 8.3              |
| SET.      | 3.6                | -17.4             | 8.3                          | 7.6      | 6.3                             | 5.9              | 6.7                         | -2.1              | 11.4                         | 5.1      | 7.3                             | 8.0              |
| OCT.      | 5.4                | 1.4               | 4.5                          | 8.2      | 7.7                             | 5.3              | 6.6                         | -1.7              | 10.6                         | 5.4      | 7.4                             | 7.7              |
| NOV.      | 7.7                | 1.4               | 15.6                         | 7.3      | 6.7                             | 5.2              | 6.7                         | -1.4              | 11.2                         | 5.6      | 7.3                             | 7.5              |
| DIC.      | 6.4                | 5.2               | 7.5                          | 7.5      | 7.7                             | 5.5              | 6.7                         | -0.8              | 10.8                         | 5.7      | 7.3                             | 7.3              |
| 2013 ENE. | 4.4                | 5.5               | -4.4                         | 7.8      | 7.6                             | 7.5              | 4.4                         | 5.5               | -4.4                         | 7.8      | 7.6                             | 7.5              |
| FEB.      | 5.3                | 2.2               | 2.2                          | 8.8      | 6.1                             | 6.5              | 4.9                         | 3.9               | -1.1                         | 8.3      | 6.8                             | 7.0              |
| MAR.      | 5.4                | 1.4               | 0.1                          | 10.3     | 4.8                             | 8.8              | 5.1                         | 3.1               | -0.7                         | 9.0      | 6.1                             | 7.6              |
| ABR.      | 8.3                | -2.7              | 8.6                          | 8.6      | 3.4                             | 13.5             | 5.9                         | 1.6               | 1.6                          | 8.9      | 5.4                             | 9.2              |
| MAY.      | 4.9                | 2.1               | 2.5                          | 8.1      | 2.3                             | 6.6              | 5.7                         | 1.7               | 1.8                          | 8.7      | 4.8                             | 8.6              |
| JUN.      | 4.3                | 2.4               | 0.0                          | 6.7      | 5.8                             | 5.7              | 5.4                         | 1.8               | 1.5                          | 8.4      | 5.0                             | 8.1              |
| JUL.      | 6.2                | 5.8               | 9.4                          | 3.4      | 7.8                             | 5.5              | 5.5                         | 2.4               | 2.5                          | 7.6      | 5.4                             | 7.7              |
| AGO.      | 5.7                | 3.4               | 6.0                          | 5.0      | 8.7                             | 5.7              | 5.6                         | 2.5               | 2.9                          | 7.3      | 5.8                             | 7.4              |
| SET.      | 2.9                | 6.5               | -7.1                         | 4.2      | 9.6                             | 5.4              | 5.3                         | 2.9               | 1.7                          | 6.9      | 6.2                             | 7.2              |
| OCT.      | -0.7               | -1.7              | -17.2                        | 3.2      | 9.2                             | 5.8              | 4.6                         | 2.5               | -0.4                         | 6.5      | 6.5                             | 7.0              |
| NOV.      | -4.8               | -1.1              | -29.2                        | 4.9      | 8.7                             | 3.5              | 3.7                         | 2.1               | -3.7                         | 6.4      | 6.7                             | 6.7              |
| DIC.      | -2.8               | -2.8              | -21.2                        | 5.2      | 6.5                             | 3.3              | 3.1                         | 1.6               | -5.3                         | 6.3      | 6.7                             | 6.4              |
| 2014 ENE. | 1.6                | 4.6               | -4.9                         | 3.1      | 6.8                             | 2.1              | 1.6                         | 4.6               | -4.9                         | 3.1      | 6.8                             | 2.1              |
| FEB.      | -0.7               | 3.4               | -11.1                        | -1.0     | 6.2                             | 3.1              | 0.5                         | 4.0               | -8.1                         | 1.0      | 6.5                             | 2.6              |
| MAR.      | -1.6               | -2.1              | -8.9                         | -1.6     | 7.9                             | 0.7              | -0.2                        | 2.0               | -8.4                         | 0.1      | 7.0                             | 1.9              |
| ABR.      | -1.8               | 8.7               | -14.3                        | 0.8      | 7.9                             | -1.0             | -0.6                        | 3.6               | -9.9                         | 0.3      | 7.2                             | 1.1              |
| MAY.      | -0.4               | 2.7               | -11.9                        | -0.2     | 7.3                             | 3.1              | -0.6                        | 3.4               | -10.3                        | 0.2      | 7.2                             | 1.6              |
| JUN.      | 2.6                | 1.8               | 2.2                          | -1.6     | 3.5                             | 5.2              | 0.0                         | 3.1               | -8.4                         | -0.1     | 6.6                             | 2.2              |
| JUL.      | 1.7                | 1.7               | -2.2                         | -1.3     | 4.1                             | 5.0              | 0.2                         | 2.9               | -7.6                         | -0.3     | 6.2                             | 2.7              |
| AGO.      | 1.2                | 2.1               | -0.9                         | -4.0     | 2.1                             | 4.6              | 0.3                         | 2.8               | -6.8                         | -0.8     | 5.7                             | 2.9              |
| SET.      | 4.2                | 8.7               | 5.8                          | -4.3     | 1.3                             | 7.4              | 0.8                         | 3.4               | -5.5                         | -1.1     | 5.2                             | 3.4              |
| OCT.      | 5.3                | 3.0               | 16.5                         | -4.4     | -0.2                            | 6.7              | 1.2                         | 3.4               | -3.4                         | -1.5     | 4.6                             | 3.8              |
| NOV.      | 6.2                | 0.1               | 20.5                         | -5.6     | 0.1                             | 8.8              | 1.7                         | 3.1               | -1.4                         | -1.9     | 4.2                             | 4.3              |
| DIC.      | 5.4                | -1.4              | 14.7                         | -4.0     | 1.3                             | 9.2              | 2.0                         | 2.6               | -0.2                         | -2.0     | 3.9                             | 4.7              |
| 2015 ENE. | 5.1                | -3.2              | 11.4                         | -2.4     | -0.2                            | 10.8             | 5.1                         | -3.2              | 11.4                         | -2.4     | -0.2                            | 10.8             |
| FEB.      | 6.2                | -2.3              | 21.3                         | -0.9     | -1.5                            | 6.8              | 5.7                         | -2.8              | 16.4                         | -1.7     | -0.8                            | 8.9              |
| MAR.      | 5.4                | -1.2              | 12.9                         | -0.6     | -0.9                            | 8.7              | 5.6                         | -2.3              | 15.2                         | -1.3     | -0.8                            | 8.8              |
| ABR.      | 4.6                | -4.1              | 11.3                         | -2.9     | -0.5                            | 9.8              | 5.3                         | -2.8              | 14.2                         | -1.7     | -0.7                            | 9.1              |
| MAY.      | 6.0                | -3.3              | 13.8                         | -1.7     | 1.2                             | 10.9             | 5.5                         | -2.9              | 14.1                         | -1.7     | -0.4                            | 9.5              |
| JUN.      | 5.7                | 0.5               | 6.5                          | -0.6     | 1.5                             | 11.8             | 5.5                         | -2.3              | 12.8                         | -1.5     | 0.0                             | 9.9              |
| JUL.      | 5.6                | -2.9              | 7.3                          | -0.4     | -0.2                            | 12.7             | 5.5                         | -2.4              | 12.1                         | -1.4     | -0.1                            | 10.4             |
| AGO.      | 6.2                | 1.2               | 4.5                          | 1.8      | 1.5                             | 12.9             | 5.6                         | -1.9              | 11.1                         | -1.0     | 0.1                             | 10.7             |
| SET.      | 5.5                | 4.4               | 2.0                          | 2.0      | 2.1                             | 11.3             | 5.6                         | -1.3              | 10.0                         | -0.7     | 0.3                             | 10.8             |
| OCT.      | 6.9                | 5.4               | 7.6                          | 1.9      | 2.5                             | 11.1             | 5.7                         | -0.6              | 9.8                          | -0.4     | 0.6                             | 10.8             |
| NOV.      | 6.3                | 1.4               | 5.8                          | 1.7      | 4.0                             | 11.5             | 5.8                         | -0.4              | 9.4                          | -0.2     | 0.9                             | 10.9             |
| DIC.      | 4.8                | 2.3               | 0.1                          | 0.4      | 4.8                             | 11.1             | 5.7                         | -0.2              | 8.5                          | -0.2     | 1.2                             | 10.9             |
| 2016 ENE. | 5.7                | 4.9               | 3.4                          | -1.2     | 5.1                             | 11.5             | 5.7                         | 4.9               | 3.4                          | -1.2     | 5.1                             | 11.5             |
| FEB.      | 7.3                | 11.5              | -0.1                         | -0.9     | 6.0                             | 16.4             | 6.5                         | 8.0               | 1.6                          | -1.0     | 5.5                             | 13.8             |
| MAR.      | 7.9                | 10.7              | 1.0                          | -0.1     | 4.7                             | 17.3             | 6.9                         | 8.9               | 1.4                          | -0.7     | 5.3                             | 14.9             |
| ABR.      | 5.6                | 8.0               | -1.4                         | -0.6     | 3.6                             | 12.6             | 6.6                         | 8.7               | 0.7                          | -0.7     | 4.8                             | 14.3             |
| MAY.      | 5.5                | 6.9               | 1.1                          | -0.8     | 2.6                             | 11.2             | 6.3                         | 8.3               | 0.8                          | -0.7     | 4.4                             | 13.6             |
| JUN.      | 3.2                | 0.3               | -2.1                         | -1.1     | 4.0                             | 8.7              | 5.8                         | 6.9               | 0.3                          | -0.8     | 4.3                             | 12.7             |
| JUL.      | 3.7                | 5.4               | -0.1                         | -1.3     | 3.7                             | 7.4              | 5.5                         | 6.7               | 0.3                          | -0.9     | 4.2                             | 11.8             |
| AGO.      | 4.4                | 7.3               | 3.5                          | -0.9     | 2.3                             | 7.1              | 5.4                         | 6.7               | 0.6                          | -0.9     | 4.0                             | 11.2             |
| SET.      | 4.7                | 9.3               | 4.7                          | 0.3      | 1.4                             | 6.4              | 5.3                         | 7.0               | 1.1                          | -0.7     | 3.7                             | 10.6             |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES |      | VARIACIÓN ANUAL 1/ |                   |                                |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                                |          |                                 |                  |
|-----------|------|--------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|
|           |      | Total              | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| 2017      | OCT. | 3.6                | 9.6               | -0.7                           | -0.2     | 2.0                             | 6.4              | 5.1                         | 7.3               | 0.9                            | -0.7     | 3.5                             | 10.1             |
|           | NOV. | 3.4                | 7.7               | 1.5                            | 0.4      | -0.9                            | 5.7              | 4.9                         | 7.3               | 1.0                            | -0.6     | 3.1                             | 9.7              |
|           | DIC. | 5.0                | 9.1               | 9.4                            | 1.2      | -1.8                            | 5.1              | 4.9                         | 7.5               | 1.7                            | -0.4     | 2.7                             | 9.3              |
|           | ENE. | 4.8                | 8.4               | 9.4                            | 2.9      | -0.9                            | 3.5              | 4.8                         | 8.4               | 9.4                            | 2.9      | -0.9                            | 3.5              |
|           | FEB. | 5.1                | 7.6               | 1.8                            | 1.9      | 0.5                             | 9.7              | 4.9                         | 8.0               | 5.5                            | 2.4      | -0.2                            | 6.5              |
|           | MAR. | 3.3                | 4.0               | 4.4                            | -0.6     | -0.2                            | 5.5              | 4.4                         | 6.6               | 5.1                            | 1.4      | -0.2                            | 6.1              |
|           | ABR. | -1.8               | -0.6              | 0.7                            | -0.4     | -2.3                            | -3.8             | 2.8                         | 4.8               | 4.1                            | 0.9      | -0.7                            | 3.4              |
|           | MAY. | -1.1               | 0.2               | -1.9                           | -1.1     | -3.7                            | -0.2             | 2.0                         | 3.9               | 2.9                            | 0.5      | -1.3                            | 2.6              |
|           | JUN. | 1.6                | 11.4              | 4.2                            | 0.0      | -3.2                            | -0.4             | 1.9                         | 5.2               | 3.1                            | 0.4      | -1.6                            | 2.1              |
| 2018      | JUL. | 2.9                | 9.4               | 10.7                           | 0.2      | -2.5                            | -0.1             | 2.1                         | 5.8               | 4.2                            | 0.4      | -1.7                            | 1.7              |
|           | AGO. | 5.3                | 8.5               | 19.7                           | 0.6      | -1.3                            | 1.3              | 2.5                         | 6.1               | 6.0                            | 0.4      | -1.7                            | 1.7              |
|           | SET. | 0.6                | 5.6               | -3.2                           | -0.6     | -0.4                            | 2.0              | 2.3                         | 6.1               | 5.0                            | 0.3      | -1.5                            | 1.7              |
|           | OCT. | -2.2               | -0.8              | -10.1                          | 0.3      | -0.5                            | 0.2              | 1.8                         | 5.3               | 3.3                            | 0.3      | -1.4                            | 1.5              |
|           | NOV. | -0.3               | 6.6               | -4.6                           | 0.7      | 0.1                             | -0.5             | 1.6                         | 5.5               | 2.5                            | 0.4      | -1.3                            | 1.3              |
|           | DIC. | -2.6               | 4.0               | -15.5                          | 2.1      | -0.8                            | 0.0              | 1.2                         | 5.3               | 0.9                            | 0.5      | -1.2                            | 1.2              |
|           | ENE. | -1.6               | 4.4               | -13.2                          | 2.4      | -1.4                            | 1.7              | -1.6                        | 4.4               | -13.2                          | 2.4      | -1.4                            | 1.7              |
|           | FEB. | -3.4               | 5.1               | -12.1                          | 4.2      | -1.5                            | -4.9             | -2.5                        | 4.7               | -12.6                          | 3.3      | -1.5                            | -1.5             |
|           | MAR. | -0.4               | 3.0               | -1.6                           | 6.0      | -1.6                            | -3.0             | -1.8                        | 4.2               | -9.0                           | 4.2      | -1.5                            | -2.0             |
| 2019      | ABR. | 1.4                | 1.7               | -4.4                           | 6.6      | 0.7                             | 2.6              | -1.0                        | 3.6               | -7.9                           | 4.8      | -1.0                            | -0.9             |
|           | MAY. | -0.8               | 0.0               | -6.6                           | 6.7      | 2.2                             | -1.9             | -0.9                        | 2.9               | -7.7                           | 5.2      | -0.4                            | -1.1             |
|           | JUN. | -2.3               | -4.3              | -14.9                          | 5.8      | 1.0                             | 0.6              | -1.2                        | 1.6               | -8.8                           | 5.3      | -0.2                            | -0.8             |
|           | JUL. | -4.0               | -3.0              | -21.6                          | 4.8      | 0.3                             | 0.4              | -1.6                        | 0.9               | -10.6                          | 5.2      | -0.1                            | -0.6             |
|           | AGO. | -8.5               | 1.7               | -39.9                          | 3.6      | -0.1                            | -1.1             | -2.5                        | 1.0               | -14.6                          | 5.0      | -0.1                            | -0.7             |
|           | SET. | -5.9               | 0.7               | -30.0                          | 3.5      | -0.6                            | -1.0             | -2.9                        | 1.0               | -16.2                          | 4.8      | -0.1                            | -0.7             |
|           | OCT. | -5.3               | 5.7               | -30.2                          | 3.8      | -1.1                            | -0.9             | -3.1                        | 1.5               | -17.5                          | 4.7      | -0.2                            | -0.7             |
|           | NOV. | -8.1               | -5.3              | -36.3                          | 2.6      | -0.4                            | -0.5             | -3.6                        | 0.8               | -19.2                          | 4.5      | -0.3                            | -0.7             |
|           | DIC. | -5.7               | -4.8              | -24.4                          | -0.6     | 0.8                             | -1.1             | -3.8                        | 0.3               | -19.6                          | 4.1      | -0.2                            | -0.7             |
| 2019      | ENE. | -7.3               | -6.2              | -27.8                          | 0.1      | 1.1                             | -2.7             | -7.3                        | -6.2              | -27.8                          | 0.1      | 1.1                             | -2.7             |
|           | FEB. | -5.9               | -3.0              | -27.0                          | -0.7     | 1.4                             | -0.1             | -6.6                        | -4.6              | -27.4                          | -0.3     | 1.3                             | -1.5             |
|           | MAR. | -7.7               | -0.2              | -32.7                          | -1.9     | 2.4                             | -1.5             | -7.0                        | -3.2              | -29.3                          | -0.8     | 1.6                             | -1.5             |
|           | ABR. | -5.2               | 7.2               | -30.9                          | -1.7     | 1.9                             | 3.1              | -6.5                        | -0.8              | -29.7                          | -1.1     | 1.7                             | -0.3             |
|           | MAY. | -3.8               | 6.9               | -24.4                          | -2.1     | 1.3                             | 2.6              | -6.0                        | 0.6               | -28.7                          | -1.3     | 1.6                             | 0.4              |
|           | JUN. | -3.9               | 5.3               | -19.2                          | -1.2     | 0.8                             | -0.3             | -5.6                        | 1.4               | -27.3                          | -1.2     | 1.5                             | 0.2              |
|           | JUL. | -6.2               | 0.9               | -26.5                          | 1.7      | 1.9                             | -1.0             | -5.7                        | 1.3               | -27.2                          | -0.8     | 1.6                             | 0.0              |
| AGO. P/   | -6.4 | -5.6               | -13.8             | 0.9                            | 1.1      | -5.1                            | -5.8             | 0.4                         | -25.9             | -0.6                           | 1.5      | -0.6                            |                  |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en octubre 1998.

1/ Variación porcentual respecto al mismo mes del año anterior.

2/ Variación porcentual de un periodo comprendido desde enero hasta el mes de referencia del año corriente respecto al mismo periodo del año anterior.

3/ Conformada por las subramas agricultura, pesca y minería.

4/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

**Fuente:** MTPE – Encuesta Nacional de Variación Mensual del Empleo (ENVME).

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019  
(Variación porcentual)**

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                            |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                              |              |
|-----------|--------------------|------------------|----------------------------|----------|------------------------------|--------------|-----------------------------|------------------|----------------------------|----------|------------------------------|--------------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 4/ |
| 1998 OCT. | -12.2              | 9.8              | -24.0                      | -23.6    | 5.9                          | -3.6         | -12.3                       | -4.8             | -16.3                      | -20.4    | 2.7                          | -8.3         |
| NOV.      | -11.2              | 17.5             | -23.4                      | -18.8    | 1.5                          | -5.3         | -12.0                       | -0.4             | -17.1                      | -19.1    | 2.2                          | -8.6         |
| DIC.      | -7.5               | 18.3             | -20.5                      | -9.5     | 4.2                          | -5.0         | -10.7                       | 1.4              | -16.2                      | -16.3    | 2.4                          | -8.2         |
| 1999 ENE. | -5.9               | 25.6             | -15.4                      | -7.1     | 4.6                          | -6.6         | -5.9                        | 25.6             | -15.4                      | -7.1     | 4.6                          | -6.6         |
| FEB.      | -5.5               | 33.2             | -15.4                      | -10.4    | 5.8                          | -3.9         | -5.7                        | 29.3             | -15.4                      | -8.8     | 5.2                          | -5.2         |
| MAR.      | -3.6               | 31.1             | -14.1                      | -2.8     | 3.1                          | -4.8         | -5.0                        | 29.9             | -15.0                      | -6.8     | 4.5                          | -5.1         |
| ABR.      | -2.4               | 31.7             | -3.9                       | -6.5     | 5.3                          | -3.6         | -4.4                        | 30.3             | -12.4                      | -6.7     | 4.7                          | -4.7         |
| MAY.      | -3.0               | 34.1             | -8.3                       | -3.7     | 5.1                          | -4.6         | -4.1                        | 31.0             | -11.6                      | -6.2     | 4.8                          | -4.7         |
| JUN.      | -3.8               | 34.1             | -14.2                      | -4.5     | 2.9                          | -2.4         | -4.1                        | 31.5             | -12.1                      | -5.9     | 4.5                          | -4.3         |
| JUL.      | -4.9               | 15.0             | -9.0                       | -5.0     | -6.6                         | -3.8         | -4.2                        | 28.9             | -11.6                      | -5.8     | 2.8                          | -4.2         |
| AGO.      | -6.2               | -6.2             | -3.9                       | -9.2     | 1.8                          | -6.3         | -4.4                        | 23.7             | -10.8                      | -6.2     | 2.7                          | -4.5         |
| SET.      | -4.7               | -11.5            | -4.3                       | -3.8     | 2.9                          | -6.6         | -4.5                        | 18.9             | -10.1                      | -5.9     | 2.7                          | -4.7         |
| OCT.      | -3.9               | -8.3             | -2.1                       | -2.2     | 2.8                          | -6.7         | -4.4                        | 15.8             | -9.4                       | -5.6     | 2.7                          | -4.9         |
| NOV.      | -5.3               | -8.1             | -5.5                       | -6.6     | 4.7                          | -5.9         | -4.5                        | 13.3             | -9.0                       | -5.7     | 2.9                          | -5.0         |
| DIC.      | -5.4               | -10.6            | 0.3                        | -9.6     | 1.8                          | -5.5         | -4.6                        | 11.0             | -8.3                       | -6.0     | 2.8                          | -5.1         |
| 2000 ENE. | -7.3               | -17.3            | -3.5                       | -8.9     | 0.6                          | -8.1         | -7.3                        | -17.3            | -3.5                       | -8.9     | 0.6                          | -8.1         |
| FEB.      | -7.7               | -18.0            | -2.0                       | -8.6     | -1.2                         | -9.3         | -7.5                        | -17.7            | -2.8                       | -8.7     | -0.3                         | -8.7         |
| MAR.      | -7.2               | -13.3            | 4.2                        | -14.6    | -7.7                         | -5.0         | -7.4                        | -16.3            | -0.4                       | -10.7    | -2.8                         | -7.5         |
| ABR.      | -6.5               | -15.5            | 0.0                        | -12.0    | -10.0                        | -2.8         | -7.2                        | -16.1            | -0.3                       | -11.0    | -4.6                         | -6.3         |
| MAY.      | -0.7               | -17.3            | -0.1                       | -5.9     | -11.9                        | 6.8          | -5.9                        | -16.3            | -0.3                       | -10.0    | -6.1                         | -3.5         |
| JUN.      | -0.9               | -18.3            | 1.0                        | -3.6     | -17.7                        | 4.6          | -5.0                        | -16.6            | -0.1                       | -9.0     | -8.0                         | -2.1         |
| JUL.      | -0.8               | -18.3            | -1.9                       | -2.8     | -14.4                        | 4.3          | -4.4                        | -16.9            | -0.3                       | -8.1     | -8.9                         | -1.2         |
| AGO.      | 0.1                | -14.9            | -0.9                       | -4.0     | -23.1                        | 9.4          | -3.8                        | -16.6            | -0.4                       | -7.6     | -10.7                        | 0.2          |
| SET.      | 5.0                | -11.5            | 34.7                       | -0.7     | -26.6                        | 3.1          | -2.9                        | -16.1            | 3.4                        | -6.8     | -12.5                        | 0.5          |
| OCT.      | 3.4                | -11.5            | 34.9                       | 1.6      | -30.7                        | -2.0         | -2.2                        | -15.7            | 6.5                        | -6.0     | -14.4                        | 0.2          |
| NOV.      | 3.1                | -12.1            | 35.4                       | 2.8      | -29.4                        | -4.0         | -1.8                        | -15.4            | 9.0                        | -5.2     | -15.7                        | -0.2         |
| DIC.      | 1.8                | -0.9             | 26.7                       | 0.1      | -28.1                        | -4.0         | -1.5                        | -14.3            | 10.5                       | -4.8     | -16.8                        | -0.5         |
| 2001 ENE. | 3.0                | -16.4            | 30.4                       | -0.6     | -27.8                        | -0.4         | 3.0                         | -16.4            | 30.4                       | -0.6     | -27.8                        | -0.4         |
| FEB.      | 3.1                | 25.6             | 29.4                       | 1.7      | -26.2                        | -7.3         | 3.0                         | 4.6              | 29.9                       | 0.5      | -27.0                        | -3.8         |
| MAR.      | 0.4                | 34.5             | 19.3                       | 3.0      | -19.4                        | -13.8        | 2.2                         | 14.6             | 26.2                       | 1.3      | -24.6                        | -7.2         |
| ABR.      | 1.3                | 26.4             | 16.9                       | 4.0      | -18.4                        | -9.9         | 2.0                         | 17.5             | 23.8                       | 2.0      | -23.1                        | -7.9         |
| MAY.      | -3.6               | 25.2             | 16.3                       | -0.6     | -23.4                        | -15.0        | 0.8                         | 19.0             | 22.3                       | 1.5      | -23.2                        | -9.5         |
| JUN.      | -4.5               | 19.9             | 19.1                       | -9.5     | -14.6                        | -12.8        | -0.2                        | 19.1             | 21.8                       | -0.5     | -21.9                        | -10.2        |
| JUL.      | -3.9               | 37.5             | 23.9                       | -11.8    | -13.3                        | -13.1        | -0.7                        | 21.7             | 22.1                       | -2.2     | -20.8                        | -10.6        |
| AGO.      | -1.1               | 100.2            | 22.8                       | -6.4     | -10.5                        | -14.7        | -0.8                        | 30.8             | 22.2                       | -2.7     | -19.7                        | -11.2        |
| SET.      | -7.6               | 68.3             | -6.2                       | -13.3    | -7.7                         | -10.9        | -1.6                        | 34.7             | 18.2                       | -4.0     | -18.5                        | -11.1        |
| OCT.      | -6.4               | 80.7             | -10.7                      | -12.5    | -6.3                         | -7.6         | -2.1                        | 39.1             | 14.6                       | -4.9     | -17.5                        | -10.8        |
| NOV.      | -5.0               | 92.3             | -6.7                       | -12.1    | -8.0                         | -6.1         | -2.4                        | 43.8             | 12.3                       | -5.6     | -16.8                        | -10.4        |
| DIC.      | -4.0               | 70.5             | -3.6                       | -8.9     | -10.0                        | -5.9         | -2.5                        | 46.2             | 10.8                       | -5.9     | -16.3                        | -10.0        |
| 2002 ENE. | -10.5              | 95.8             | -9.5                       | -11.1    | -12.2                        | -16.7        | -10.5                       | 95.8             | -9.5                       | -11.1    | -12.2                        | -16.7        |
| FEB.      | -7.2               | 45.7             | -14.3                      | -4.0     | -14.5                        | -8.6         | -8.9                        | 65.7             | -11.9                      | -7.5     | -13.4                        | -12.8        |
| MAR.      | -5.3               | 21.0             | -15.8                      | -3.0     | -14.2                        | -1.8         | -7.7                        | 48.2             | -13.2                      | -6.0     | -13.7                        | -9.3         |
| ABR.      | -2.2               | 32.3             | -7.0                       | -9.7     | -17.1                        | 7.0          | -6.3                        | 44.0             | -11.7                      | -6.9     | -14.5                        | -5.2         |
| MAY.      | -4.6               | 37.2             | -2.4                       | -12.3    | -8.2                         | -2.2         | -6.0                        | 42.6             | -9.9                       | -8.0     | -13.3                        | -4.5         |
| JUN.      | -3.6               | 38.5             | -1.6                       | -6.4     | -10.2                        | -3.8         | -5.6                        | 41.9             | -8.6                       | -7.8     | -12.8                        | -4.4         |
| JUL.      | -3.4               | 50.0             | -8.9                       | -2.3     | -11.7                        | -3.7         | -5.3                        | 43.2             | -8.6                       | -7.0     | -12.7                        | -4.3         |
| AGO.      | -5.3               | 15.6             | -17.1                      | -5.7     | -8.2                         | -1.1         | -5.3                        | 38.3             | -9.7                       | -6.9     | -12.1                        | -3.9         |
| SET.      | -4.8               | 28.7             | -18.8                      | -6.5     | -8.7                         | 1.1          | -5.2                        | 37.0             | -10.7                      | -6.8     | -11.8                        | -3.3         |
| OCT.      | -3.6               | 24.4             | -16.0                      | -4.1     | -7.1                         | 0.4          | -5.1                        | 35.5             | -11.2                      | -6.6     | -11.3                        | -2.9         |
| NOV.      | -3.2               | 19.2             | -17.2                      | -3.2     | -4.5                         | 1.1          | -4.9                        | 33.5             | -11.8                      | -6.3     | -10.7                        | -2.5         |
| DIC.      | -4.7               | 20.3             | -17.8                      | -7.1     | -5.6                         | 0.9          | -4.9                        | 32.2             | -12.3                      | -6.3     | -10.3                        | -2.2         |
| 2003 ENE. | 1.2                | 24.2             | -1.7                       | 0.1      | -3.5                         | 0.1          | 1.2                         | 24.2             | -1.7                       | 0.1      | -3.5                         | 0.1          |
| FEB.      | -0.3               | 9.2              | 0.7                        | -6.4     | -1.3                         | 2.8          | 0.4                         | 16.3             | -0.6                       | -3.3     | -2.4                         | 1.5          |
| MAR.      | -1.0               | 15.7             | 4.6                        | -4.2     | -0.5                         | -2.9         | 0.0                         | 16.1             | 1.1                        | -3.6     | -1.8                         | 0.0          |
| ABR.      | 2.2                | 15.1             | -2.1                       | 3.6      | 0.7                          | 0.6          | 0.5                         | 15.9             | 0.3                        | -1.9     | -1.2                         | 0.2          |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019  
(Variación porcentual)**

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                            |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                              |              |
|-----------|--------------------|------------------|----------------------------|----------|------------------------------|--------------|-----------------------------|------------------|----------------------------|----------|------------------------------|--------------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 4/ |
| MAY.      | 3.6                | 15.9             | -7.3                       | 2.3      | -2.0                         | 7.6          | 1.2                         | 15.9             | -1.3                       | -1.1     | -1.3                         | 1.8          |
| JUN.      | 3.1                | 23.3             | -8.6                       | 1.9      | -1.6                         | 6.2          | 1.5                         | 17.0             | -2.6                       | -0.6     | -1.4                         | 2.6          |
| JUL.      | 4.3                | 1.2              | 1.2                        | 0.0      | 2.7                          | 8.6          | 1.9                         | 14.4             | -2.0                       | -0.5     | -0.8                         | 3.5          |
| AGO.      | 2.5                | -4.4             | 8.8                        | 1.7      | -5.8                         | 2.6          | 2.0                         | 11.7             | -0.8                       | -0.2     | -1.4                         | 3.4          |
| SET.      | 3.0                | -5.4             | 2.4                        | 1.1      | -1.3                         | 5.0          | 2.1                         | 9.5              | -0.5                       | -0.1     | -1.4                         | 3.6          |
| OCT.      | 0.3                | -11.5            | 12.2                       | -7.4     | 2.0                          | 3.4          | 1.9                         | 7.1              | 0.7                        | -0.8     | -1.1                         | 3.6          |
| NOV.      | 0.3                | -12.3            | 10.6                       | -4.9     | 0.4                          | 2.3          | 1.8                         | 5.1              | 1.5                        | -1.2     | -0.9                         | 3.4          |
| DIC.      | 1.4                | -12.6            | 13.2                       | -3.1     | 1.9                          | 2.2          | 1.7                         | 3.4              | 2.4                        | -1.4     | -0.7                         | 3.3          |
| 2004 ENE. | 2.1                | -7.8             | -0.9                       | -2.2     | 0.8                          | 7.8          | 2.1                         | -7.8             | -0.9                       | -2.2     | 0.8                          | 7.8          |
| FEB.      | 2.9                | -3.6             | 1.6                        | 4.1      | -1.2                         | 2.1          | 2.5                         | -5.7             | 0.4                        | 0.9      | -0.2                         | 4.9          |
| MAR.      | 2.5                | 1.1              | -6.5                       | 2.7      | -2.4                         | 4.3          | 2.5                         | -3.5             | -1.9                       | 1.5      | -0.9                         | 4.7          |
| ABR.      | -1.3               | 3.6              | 0.3                        | -2.8     | -1.2                         | -2.1         | 1.5                         | -1.8             | -1.4                       | 0.4      | -1.0                         | 2.7          |
| MAY.      | 1.4                | -8.6             | -0.4                       | -1.2     | -1.6                         | 5.2          | 1.5                         | -3.1             | -1.2                       | 0.1      | -1.1                         | 3.3          |
| JUN.      | 1.4                | -7.1             | 2.4                        | -0.9     | -4.2                         | 5.2          | 1.4                         | -3.8             | -0.6                       | -0.1     | -1.6                         | 3.7          |
| JUL.      | 0.3                | -12.3            | -3.4                       | -0.6     | -4.7                         | 5.0          | 1.3                         | -5.0             | -1.0                       | -0.1     | -2.1                         | 3.9          |
| AGO.      | 1.4                | -3.7             | -0.7                       | -1.5     | -0.8                         | 4.9          | 1.3                         | -4.9             | -1.0                       | -0.3     | -1.9                         | 4.0          |
| SET.      | 2.7                | 5.7              | 9.1                        | -0.7     | -3.5                         | 3.5          | 1.5                         | -3.7             | 0.1                        | -0.3     | -2.1                         | 4.0          |
| OCT.      | 4.4                | 14.0             | -0.6                       | 3.7      | -5.6                         | 6.0          | 1.8                         | -2.1             | 0.0                        | 0.0      | -2.5                         | 4.2          |
| NOV.      | 2.4                | 12.0             | -0.5                       | -2.8     | -5.2                         | 5.8          | 1.8                         | -0.8             | 0.0                        | -0.2     | -2.7                         | 4.3          |
| DIC.      | 2.4                | 1.2              | -3.2                       | 0.8      | -4.7                         | 6.1          | 1.9                         | -0.7             | -0.3                       | -0.1     | -2.9                         | 4.5          |
| 2005 ENE. | -2.3               | 3.6              | 1.4                        | -2.1     | -5.6                         | -2.1         | -2.3                        | 3.6              | 1.4                        | -2.1     | -5.6                         | -2.1         |
| FEB.      | -1.4               | 5.6              | -1.3                       | -0.9     | -5.2                         | 1.2          | -1.8                        | 4.6              | 0.0                        | -1.5     | -5.4                         | -0.5         |
| MAR.      | 0.6                | 2.6              | 7.4                        | -2.5     | -7.4                         | 6.5          | -1.0                        | 3.9              | 2.3                        | -1.8     | -6.1                         | 1.8          |
| ABR.      | 2.0                | -3.1             | 4.5                        | 1.5      | -9.6                         | 7.2          | -0.2                        | 2.1              | 2.9                        | -1.0     | -7.0                         | 3.3          |
| MAY.      | 2.5                | 25.2             | 6.5                        | 0.4      | -10.1                        | 2.6          | 0.3                         | 6.4              | 3.6                        | -0.7     | -7.6                         | 3.1          |
| JUN.      | 2.3                | -3.5             | 1.8                        | 2.0      | -6.5                         | 6.1          | 0.7                         | 4.8              | 3.3                        | -0.3     | -7.4                         | 3.7          |
| JUL.      | 3.4                | 7.3              | 6.1                        | -0.6     | -4.9                         | 6.3          | 1.1                         | 5.2              | 3.7                        | -0.3     | -7.1                         | 4.1          |
| AGO.      | 5.0                | 1.7              | 7.4                        | 1.5      | -9.2                         | 11.1         | 1.6                         | 4.7              | 4.2                        | -0.1     | -7.3                         | 5.1          |
| SET.      | 4.8                | -7.2             | 15.4                       | 3.8      | -9.6                         | 9.3          | 2.0                         | 3.3              | 5.4                        | 0.3      | -7.6                         | 5.6          |
| OCT.      | 7.5                | 11.4             | 13.4                       | 3.1      | -10.4                        | 12.6         | 2.5                         | 4.2              | 6.2                        | 0.6      | -7.9                         | 6.4          |
| NOV.      | 6.3                | -7.4             | 13.6                       | 5.9      | -13.9                        | 13.8         | 2.9                         | 3.1              | 6.9                        | 1.1      | -8.4                         | 7.1          |
| DIC.      | 9.1                | 5.9              | 24.1                       | 5.0      | -12.5                        | 15.3         | 3.4                         | 3.3              | 8.3                        | 1.4      | -8.7                         | 7.8          |
| 2006 ENE. | 9.1                | 4.4              | 18.9                       | 4.9      | -11.3                        | 16.3         | 9.1                         | 4.4              | 18.9                       | 4.9      | -11.3                        | 16.3         |
| FEB.      | 12.0               | -4.4             | 24.1                       | 5.6      | -7.2                         | 22.9         | 10.6                        | -0.1             | 21.5                       | 5.3      | -9.2                         | 19.6         |
| MAR.      | 14.8               | -1.0             | 27.2                       | 8.6      | -6.2                         | 25.1         | 12.0                        | -0.4             | 23.4                       | 6.4      | -8.2                         | 21.5         |
| ABR.      | 11.5               | -1.2             | 22.7                       | -1.4     | -3.2                         | 22.9         | 11.9                        | -0.6             | 23.2                       | 4.4      | -7.0                         | 21.9         |
| MAY.      | 10.7               | -17.8            | 21.8                       | -0.7     | 2.5                          | 23.2         | 11.6                        | -4.4             | 22.9                       | 3.4      | -5.2                         | 22.2         |
| JUN.      | 12.2               | 8.8              | 22.0                       | -0.2     | 1.7                          | 20.2         | 11.7                        | -2.4             | 22.8                       | 2.8      | -4.0                         | 21.8         |
| JUL.      | 12.0               | 0.9              | 20.0                       | 2.1      | 9.0                          | 17.7         | 11.8                        | -2.0             | 22.4                       | 2.7      | -2.2                         | 21.1         |
| AGO.      | 14.1               | -4.0             | 16.4                       | 1.8      | 13.9                         | 23.5         | 12.1                        | -2.2             | 21.6                       | 2.6      | -0.2                         | 21.5         |
| SET.      | 13.1               | 2.3              | 3.7                        | 0.9      | 14.9                         | 23.4         | 12.2                        | -1.7             | 19.3                       | 2.4      | 1.4                          | 21.7         |
| OCT.      | 12.7               | 9.8              | 12.5                       | 1.3      | 17.6                         | 20.0         | 12.2                        | -0.4             | 18.6                       | 2.3      | 3.0                          | 21.5         |
| NOV.      | 15.1               | 30.0             | 14.6                       | 0.9      | 23.3                         | 19.4         | 12.5                        | 2.3              | 18.2                       | 2.2      | 4.7                          | 21.3         |
| DIC.      | 13.8               | 25.7             | 3.5                        | 1.0      | 23.1                         | 19.9         | 12.6                        | 4.3              | 16.8                       | 2.1      | 6.1                          | 21.2         |
| 2007 ENE. | 19.4               | 28.2             | 1.6                        | 2.8      | 25.3                         | 32.3         | 19.4                        | 28.2             | 1.6                        | 2.8      | 25.3                         | 32.3         |
| FEB.      | 15.1               | 10.6             | 1.7                        | 6.7      | 21.8                         | 20.7         | 17.2                        | 19.6             | 1.6                        | 4.8      | 23.5                         | 26.3         |
| MAR.      | 16.4               | 8.1              | -3.8                       | 9.1      | 21.8                         | 25.0         | 16.9                        | 15.8             | -0.2                       | 6.3      | 23.0                         | 25.8         |
| ABR.      | 15.3               | 8.7              | -0.6                       | 5.8      | 22.8                         | 24.9         | 16.5                        | 14.1             | -0.3                       | 6.2      | 22.9                         | 25.6         |
| MAY.      | 12.2               | 14.0             | -1.0                       | 7.6      | 19.6                         | 16.7         | 15.6                        | 14.1             | -0.5                       | 6.4      | 22.2                         | 23.4         |
| JUN.      | 12.2               | 5.9              | 0.2                        | 5.3      | 22.9                         | 18.6         | 15.0                        | 12.7             | -0.3                       | 6.3      | 22.3                         | 22.5         |
| JUL.      | 11.2               | 9.9              | -0.3                       | 3.8      | 10.9                         | 20.6         | 14.4                        | 12.3             | -0.3                       | 5.9      | 20.5                         | 22.2         |
| AGO.      | 8.8                | 11.5             | 3.0                        | 3.7      | 9.9                          | 13.9         | 13.6                        | 12.2             | 0.1                        | 5.6      | 19.0                         | 21.0         |
| SET.      | 11.9               | 47.1             | 6.4                        | 4.4      | 13.8                         | 13.9         | 13.4                        | 16.1             | 0.8                        | 5.5      | 18.4                         | 20.1         |
| OCT.      | 8.6                | 7.6              | 1.0                        | 5.6      | 14.2                         | 11.5         | 12.9                        | 15.0             | 0.8                        | 5.5      | 17.9                         | 19.1         |
| NOV.      | 9.0                | 12.0             | 2.7                        | 5.9      | 12.2                         | 11.9         | 12.5                        | 14.6             | 1.0                        | 5.5      | 17.4                         | 18.3         |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019  
(Variación porcentual)**

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                            |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                              |              |
|-----------|--------------------|------------------|----------------------------|----------|------------------------------|--------------|-----------------------------|------------------|----------------------------|----------|------------------------------|--------------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 4/ |
| 2008 DIC. | 13.1               | 9.4              | 5.0                        | 9.4      | 11.4                         | 18.8         | 12.6                        | 14.1             | 1.3                        | 5.9      | 16.8                         | 18.4         |
| 2008 ENE. | 10.3               | 3.9              | 1.0                        | 4.7      | 9.5                          | 18.3         | 10.3                        | 3.9              | 1.0                        | 4.7      | 9.5                          | 18.3         |
| 2008 FEB. | 8.8                | 19.7             | 4.8                        | -4.4     | 14.1                         | 17.3         | 9.6                         | 11.0             | 2.9                        | -0.1     | 11.8                         | 17.8         |
| 2008 MAR. | 8.0                | 22.6             | 9.5                        | -5.1     | 16.5                         | 12.9         | 9.0                         | 14.6             | 5.1                        | -1.9     | 13.4                         | 16.1         |
| 2008 ABR. | 6.5                | -17.2            | 6.9                        | -1.7     | 20.7                         | 12.8         | 8.4                         | 7.2              | 5.5                        | -1.8     | 15.2                         | 15.1         |
| 2008 MAY. | 7.2                | -17.0            | 6.7                        | -0.6     | 21.3                         | 13.5         | 8.1                         | 2.6              | 5.8                        | -1.6     | 16.5                         | 14.8         |
| 2008 JUN. | 6.3                | -15.0            | 9.0                        | -0.5     | 15.2                         | 11.9         | 7.8                         | -0.1             | 6.3                        | -1.4     | 16.3                         | 14.2         |
| 2008 JUL. | 7.3                | -24.1            | 9.6                        | 3.1      | 22.3                         | 11.6         | 7.7                         | -3.4             | 6.8                        | -0.8     | 17.2                         | 13.8         |
| 2008 AGO. | 7.6                | -23.3            | 1.1                        | 2.2      | 31.6                         | 13.1         | 7.7                         | -5.8             | 6.0                        | -0.4     | 19.0                         | 13.7         |
| 2008 SET. | 5.8                | -43.9            | 1.0                        | 3.8      | 30.4                         | 13.2         | 7.5                         | -11.2            | 5.5                        | 0.0      | 20.3                         | 13.7         |
| 2008 OCT. | 7.9                | -41.9            | -2.6                       | 12.1     | 32.5                         | 13.0         | 7.5                         | -14.9            | 4.6                        | 1.2      | 21.6                         | 13.6         |
| 2008 NOV. | 7.1                | -43.1            | -9.8                       | 12.7     | 34.3                         | 13.0         | 7.5                         | -18.0            | 3.3                        | 2.3      | 22.8                         | 13.5         |
| 2008 DIC. | 0.5                | -41.5            | -10.4                      | 4.4      | 36.7                         | 2.4          | 6.9                         | -20.3            | 2.1                        | 2.5      | 24.0                         | 12.5         |
| 2009 ENE. | -0.4               | -40.9            | -4.2                       | 3.9      | 30.7                         | -0.6         | -0.4                        | -40.9            | -4.2                       | 3.9      | 30.7                         | -0.6         |
| 2009 FEB. | -3.0               | -36.2            | -8.5                       | 1.2      | 34.6                         | -5.8         | -1.7                        | -38.6            | -6.4                       | 2.5      | 32.7                         | -3.1         |
| 2009 MAR. | -4.0               | -37.4            | -8.0                       | 1.7      | 31.2                         | -7.6         | -2.5                        | -38.2            | -7.0                       | 2.3      | 32.2                         | -4.6         |
| 2009 ABR. | 0.5                | -6.2             | -9.9                       | 9.2      | 23.9                         | -5.8         | -1.7                        | -32.5            | -7.7                       | 3.9      | 30.0                         | -5.0         |
| 2009 MAY. | -0.3               | -3.8             | -9.8                       | 7.1      | 18.8                         | -5.4         | -1.4                        | -28.1            | -8.1                       | 4.5      | 27.6                         | -5.1         |
| 2009 JUN. | -0.6               | -4.6             | -13.5                      | 4.3      | 19.3                         | -3.6         | -1.3                        | -25.0            | -9.0                       | 4.5      | 26.2                         | -4.8         |
| 2009 JUL. | -2.6               | 3.1              | -17.1                      | 0.7      | 13.0                         | -4.3         | -1.5                        | -21.9            | -10.2                      | 4.0      | 24.1                         | -4.7         |
| 2009 AGO. | -2.7               | 5.1              | -13.3                      | 2.7      | 10.6                         | -6.7         | -1.6                        | -19.3            | -10.6                      | 3.8      | 22.2                         | -5.0         |
| 2009 SET. | -4.6               | 7.5              | -16.5                      | 0.5      | 7.8                          | -8.1         | -2.0                        | -16.9            | -11.2                      | 3.4      | 20.4                         | -5.4         |
| 2009 OCT. | -5.3               | 11.7             | -11.8                      | -5.5     | 1.9                          | -6.6         | -2.3                        | -14.6            | -11.3                      | 2.4      | 18.2                         | -5.5         |
| 2009 NOV. | -4.5               | 13.3             | -8.3                       | -5.9     | 4.1                          | -6.3         | -2.5                        | -12.4            | -11.0                      | 1.6      | 16.8                         | -5.6         |
| 2009 DIC. | -0.9               | 13.3             | -4.6                       | -0.3     | 1.9                          | -2.5         | -2.4                        | -10.6            | -10.5                      | 1.4      | 15.3                         | -5.3         |
| 2010 ENE. | -1.1               | 7.4              | -7.5                       | 1.9      | 5.2                          | -3.8         | -1.1                        | 7.4              | -7.5                       | 1.9      | 5.2                          | -3.8         |
| 2010 FEB. | 2.7                | -13.2            | -7.1                       | 2.8      | 2.3                          | 7.1          | 0.8                         | -3.1             | -7.3                       | 2.4      | 3.7                          | 1.4          |
| 2010 MAR. | 1.2                | -8.1             | -8.4                       | -2.2     | 4.1                          | 6.3          | 0.9                         | -4.7             | -7.7                       | 0.8      | 3.8                          | 3.0          |
| 2010 ABR. | 1.5                | -16.2            | -2.8                       | 0.1      | 4.5                          | 4.0          | 1.1                         | -7.6             | -6.5                       | 0.6      | 4.0                          | 3.3          |
| 2010 MAY. | 0.2                | -11.1            | -2.3                       | 1.1      | 6.1                          | -0.5         | 0.9                         | -8.3             | -5.7                       | 0.7      | 4.4                          | 2.4          |
| 2010 JUN. | -0.9               | -14.2            | -5.7                       | 3.7      | 1.9                          | -2.1         | 0.6                         | -9.3             | -5.7                       | 1.2      | 4.0                          | 1.6          |
| 2010 JUL. | 1.0                | -11.8            | -2.7                       | 4.7      | 6.9                          | -1.0         | 0.7                         | -9.6             | -5.3                       | 1.7      | 4.4                          | 1.2          |
| 2010 AGO. | 0.3                | -16.7            | -0.3                       | 3.2      | 5.3                          | -1.5         | 0.6                         | -10.6            | -4.7                       | 1.9      | 4.5                          | 0.8          |
| 2010 SET. | 3.1                | -11.5            | 1.8                        | 3.9      | 6.4                          | 3.1          | 0.9                         | -10.7            | -4.0                       | 2.1      | 4.8                          | 1.1          |
| 2010 OCT. | 2.7                | -16.4            | 1.1                        | 2.6      | 10.4                         | 2.8          | 1.1                         | -11.3            | -3.5                       | 2.2      | 5.3                          | 1.3          |
| 2010 NOV. | 2.2                | -18.5            | 0.3                        | 3.5      | 5.5                          | 2.8          | 1.2                         | -12.0            | -3.2                       | 2.3      | 5.3                          | 1.4          |
| 2010 DIC. | 0.3                | -18.7            | -4.2                       | 2.2      | 3.6                          | 1.2          | 1.1                         | -12.6            | -3.3                       | 2.3      | 5.2                          | 1.4          |
| 2011 ENE. | 4.3                | -13.6            | -1.5                       | 1.7      | 6.8                          | 9.4          | 4.3                         | -13.6            | -1.5                       | 1.7      | 6.8                          | 9.4          |
| 2011 FEB. | 0.5                | 3.8              | -1.5                       | 1.8      | 2.8                          | -0.1         | 2.4                         | -5.7             | -1.5                       | 1.7      | 4.8                          | 4.6          |
| 2011 MAR. | 3.4                | -1.5             | 0.4                        | 4.6      | 8.2                          | 2.9          | 2.7                         | -4.3             | -0.8                       | 2.7      | 6.0                          | 4.0          |
| 2011 ABR. | 1.8                | 0.1              | -3.2                       | 3.0      | 8.6                          | 0.7          | 2.5                         | -3.3             | -1.5                       | 2.8      | 6.6                          | 3.1          |
| 2011 MAY. | 1.7                | -12.9            | -2.4                       | 3.6      | 8.0                          | 1.4          | 2.3                         | -5.2             | -1.6                       | 2.9      | 6.9                          | 2.7          |
| 2011 JUN. | 2.7                | -4.9             | 1.9                        | 4.6      | 11.8                         | 0.2          | 2.4                         | -5.2             | -1.1                       | 3.2      | 7.7                          | 2.3          |
| 2011 JUL. | 2.1                | -10.1            | 2.5                        | 5.9      | 6.3                          | -0.4         | 2.4                         | -5.9             | -0.6                       | 3.6      | 7.5                          | 1.9          |
| 2011 AGO. | 3.2                | -5.5             | 1.4                        | 6.2      | 7.8                          | 1.5          | 2.5                         | -5.8             | -0.3                       | 3.9      | 7.5                          | 1.8          |
| 2011 SET. | 2.0                | -7.2             | 4.2                        | 5.0      | 6.7                          | -0.9         | 2.4                         | -6.0             | 0.2                        | 4.0      | 7.4                          | 1.5          |
| 2011 OCT. | 1.0                | -10.2            | 3.5                        | 5.2      | 3.7                          | -2.0         | 2.3                         | -6.4             | 0.5                        | 4.2      | 7.0                          | 1.1          |
| 2011 NOV. | 1.3                | -9.7             | 6.8                        | 6.5      | 6.2                          | -3.6         | 2.2                         | -6.7             | 1.1                        | 4.4      | 7.0                          | 0.7          |
| 2011 DIC. | 1.9                | -7.7             | 7.6                        | 7.1      | 8.3                          | -3.4         | 2.1                         | -6.8             | 1.6                        | 4.6      | 7.1                          | 0.3          |
| 2012 ENE. | -3.0               | -9.4             | 10.5                       | 4.5      | 7.6                          | -14.0        | -3.0                        | -9.4             | 10.5                       | 4.5      | 7.6                          | -14.0        |
| 2012 FEB. | -0.2               | -10.9            | 11.8                       | 5.8      | 7.7                          | -9.1         | -1.7                        | -10.1            | 11.1                       | 5.1      | 7.7                          | -11.6        |
| 2012 MAR. | -1.4               | -9.4             | 8.1                        | 3.4      | -0.6                         | -6.6         | -1.6                        | -9.9             | 10.1                       | 4.5      | 4.8                          | -9.9         |
| 2012 ABR. | 0.9                | -2.3             | 6.9                        | 5.7      | 0.2                          | -3.8         | -0.9                        | -8.1             | 9.3                        | 4.8      | 3.6                          | -8.2         |
| 2012 MAY. | 1.4                | 0.0              | 6.2                        | 3.3      | 2.5                          | -2.1         | -0.4                        | -6.6             | 8.7                        | 4.5      | 3.4                          | -6.9         |
| 2012 JUN. | 1.8                | -0.1             | 4.2                        | 4.1      | 0.7                          | -0.5         | -0.1                        | -5.6             | 7.9                        | 4.5      | 2.9                          | -5.8         |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019  
(Variación porcentual)**

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                            |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                              |              |
|-----------|--------------------|------------------|----------------------------|----------|------------------------------|--------------|-----------------------------|------------------|----------------------------|----------|------------------------------|--------------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 4/ |
| 2013 JUL. | 2.0                | 0.7              | 1.8                        | 3.2      | 1.1                          | 0.6          | 0.2                         | -4.7             | 7.0                        | 4.3      | 2.7                          | -4.8         |
| AGO.      | 0.8                | 0.6              | 3.6                        | 2.2      | -1.7                         | -0.9         | 0.3                         | -4.1             | 6.6                        | 4.0      | 2.1                          | -4.3         |
| SET.      | 0.8                | -3.7             | 2.3                        | 2.5      | -2.2                         | -0.2         | 0.4                         | -4.0             | 6.1                        | 3.8      | 1.6                          | -3.8         |
| OCT.      | 0.0                | -1.9             | 3.9                        | 1.0      | 0.8                          | -2.6         | 0.3                         | -3.8             | 5.9                        | 3.5      | 1.5                          | -3.7         |
| NOV.      | -0.1               | 2.2              | 0.4                        | -1.6     | -0.4                         | -0.2         | 0.3                         | -3.3             | 5.4                        | 3.1      | 1.3                          | -3.4         |
| DIC.      | -0.5               | -1.3             | 0.5                        | -2.9     | 0.3                          | -0.6         | 0.2                         | -3.1             | 4.9                        | 2.5      | 1.3                          | -3.1         |
| 2014 ENE. | 2.3                | -2.2             | -4.6                       | -1.1     | -3.5                         | 9.4          | 2.3                         | -2.2             | -4.6                       | -1.1     | -3.5                         | 9.4          |
| FEB.      | -0.2               | -0.9             | -3.4                       | -0.9     | -1.7                         | 2.3          | 1.1                         | -1.6             | -4.0                       | -1.0     | -2.6                         | 5.9          |
| MAR.      | 5.8                | -0.3             | 0.6                        | 2.9      | -3.6                         | 12.4         | 2.7                         | -1.1             | -2.5                       | 0.3      | -2.9                         | 8.2          |
| ABR.      | 3.4                | -0.3             | 1.8                        | 0.0      | -2.8                         | 7.3          | 2.9                         | -0.9             | -1.4                       | 0.2      | -2.9                         | 7.9          |
| MAY.      | 3.2                | -0.7             | 3.7                        | 4.3      | -5.2                         | 4.7          | 2.9                         | -0.9             | -0.4                       | 1.0      | -3.4                         | 7.2          |
| JUN.      | 2.5                | -3.5             | 3.7                        | 4.4      | 2.5                          | 0.5          | 2.8                         | -1.3             | 0.3                        | 1.6      | -2.4                         | 6.0          |
| JUL.      | 2.5                | -2.6             | 5.6                        | 4.2      | 4.0                          | -0.3         | 2.8                         | -1.5             | 1.0                        | 2.0      | -1.5                         | 5.0          |
| AGO.      | 3.7                | 0.1              | 2.6                        | 4.3      | 5.3                          | 2.2          | 2.9                         | -1.3             | 1.2                        | 2.3      | -0.7                         | 4.6          |
| SET.      | 3.8                | -1.2             | 0.3                        | 3.8      | 7.2                          | 2.8          | 3.0                         | -1.3             | 1.1                        | 2.4      | 0.2                          | 4.4          |
| OCT.      | 5.2                | -1.6             | -2.7                       | 4.1      | 5.4                          | 7.0          | 3.2                         | -1.3             | 0.7                        | 2.6      | 0.7                          | 4.7          |
| NOV.      | 3.7                | -5.2             | 0.4                        | 5.4      | 5.4                          | 2.5          | 3.3                         | -1.7             | 0.7                        | 2.9      | 1.2                          | 4.5          |
| DIC.      | 3.6                | -4.3             | -0.4                       | 7.2      | 1.6                          | 2.8          | 3.3                         | -1.9             | 0.6                        | 3.2      | 1.2                          | 4.3          |
| 2015 ENE. | 2.3                | -2.1             | 3.8                        | 5.5      | 5.9                          | -2.3         | 2.3                         | -2.1             | 3.8                        | 5.5      | 5.9                          | -2.3         |
| FEB.      | 5.0                | -3.1             | -2.0                       | 1.6      | 2.4                          | 9.5          | 3.6                         | -2.6             | 0.9                        | 3.5      | 4.1                          | 3.3          |
| MAR.      | -1.2               | -2.8             | -6.0                       | 0.3      | 6.1                          | -3.9         | 1.9                         | -2.7             | -1.5                       | 2.4      | 4.8                          | 0.7          |
| ABR.      | 2.9                | 2.2              | -6.4                       | 5.4      | 2.6                          | 4.2          | 2.2                         | -1.4             | -2.7                       | 3.2      | 4.2                          | 1.7          |
| MAY.      | 2.6                | 4.7              | -5.6                       | 1.7      | 2.3                          | 5.3          | 2.3                         | -0.2             | -3.3                       | 2.9      | 3.8                          | 2.5          |
| JUN.      | 2.7                | 0.4              | -1.8                       | -0.4     | -4.0                         | 8.5          | 2.4                         | -0.1             | -3.1                       | 2.3      | 2.5                          | 3.5          |
| JUL.      | 2.6                | 1.8              | -3.6                       | -2.0     | -2.5                         | 8.8          | 2.4                         | 0.1              | -3.2                       | 1.7      | 1.7                          | 4.3          |
| AGO.      | 1.4                | 3.0              | -7.1                       | -4.9     | -3.1                         | 8.5          | 2.3                         | 0.5              | -3.6                       | 0.8      | 1.1                          | 4.9          |
| SET.      | 0.4                | 8.3              | -7.3                       | -5.3     | -3.0                         | 6.2          | 2.0                         | 1.4              | -4.0                       | 0.1      | 0.6                          | 5.1          |
| OCT.      | -0.4               | 4.1              | -5.8                       | -8.2     | -2.8                         | 5.6          | 1.8                         | 1.6              | -4.2                       | -0.7     | 0.3                          | 5.1          |
| NOV.      | 0.7                | 7.9              | -9.0                       | -7.8     | -2.6                         | 8.6          | 1.7                         | 2.2              | -4.6                       | -1.4     | 0.0                          | 5.4          |
| DIC.      | 1.2                | 15.2             | -6.6                       | -8.6     | -0.6                         | 8.4          | 1.7                         | 3.3              | -4.8                       | -2.0     | -0.1                         | 5.7          |
| 2016 ENE. | 0.9                | 13.3             | -8.7                       | -6.4     | -3.3                         | 8.3          | 0.9                         | 13.3             | -8.7                       | -6.4     | -3.3                         | 8.3          |
| FEB.      | -1.0               | 11.7             | 1.0                        | -4.1     | -3.5                         | -0.3         | -0.1                        | 12.5             | -3.9                       | -5.2     | -3.4                         | 3.9          |
| MAR.      | 2.7                | 13.2             | 4.2                        | -4.1     | 1.0                          | 5.7          | 0.9                         | 12.7             | -1.2                       | -4.9     | -1.9                         | 4.6          |
| ABR.      | 3.3                | 6.9              | 5.8                        | -9.4     | 3.9                          | 9.8          | 1.5                         | 11.2             | 0.5                        | -6.0     | -0.5                         | 6.1          |
| MAY.      | 5.2                | 13.7             | 9.3                        | -7.4     | 7.6                          | 10.3         | 2.3                         | 11.7             | 2.3                        | -6.3     | 1.1                          | 7.0          |
| JUN.      | 6.5                | 11.1             | 4.3                        | -6.1     | 9.2                          | 13.5         | 3.0                         | 11.6             | 2.6                        | -6.3     | 2.4                          | 8.2          |
| JUL.      | 5.6                | 14.4             | 6.4                        | -6.9     | 3.3                          | 13.6         | 3.4                         | 12.0             | 3.1                        | -6.4     | 2.5                          | 9.1          |
| AGO.      | 6.8                | 8.2              | 10.9                       | -2.3     | 4.9                          | 12.3         | 3.9                         | 11.5             | 4.1                        | -5.9     | 2.8                          | 9.5          |
| SET.      | 6.0                | 1.9              | 11.7                       | -1.1     | 3.1                          | 10.7         | 4.1                         | 10.4             | 4.9                        | -5.4     | 2.8                          | 9.7          |
| OCT.      | 5.2                | 12.9             | 14.5                       | 1.9      | 1.3                          | 6.9          | 4.2                         | 10.6             | 5.8                        | -4.7     | 2.7                          | 9.4          |
| NOV.      | 6.1                | 12.1             | 15.3                       | 0.5      | 6.9                          | 6.9          | 4.4                         | 10.8             | 6.6                        | -4.2     | 3.1                          | 9.1          |
| DIC.      | 5.9                | 7.4              | 12.9                       | 1.2      | 9.9                          | 5.5          | 4.5                         | 10.5             | 7.1                        | -3.8     | 3.7                          | 8.8          |
| 2017 ENE. | 1.7                | 8.9              | 11.2                       | -4.5     | 8.8                          | -2.2         | 1.7                         | 8.9              | 11.2                       | -4.5     | 8.8                          | -2.2         |
| FEB.      | 7.1                | 12.0             | 12.9                       | -3.7     | 7.1                          | 9.5          | 4.4                         | 10.5             | 12.1                       | -4.1     | 8.0                          | 3.5          |
| MAR.      | 8.3                | 12.6             | 14.8                       | -3.9     | 2.7                          | 15.3         | 5.7                         | 11.2             | 13.0                       | -4.1     | 6.2                          | 7.7          |
| ABR.      | 5.6                | 12.6             | 12.4                       | -1.5     | 1.9                          | 8.4          | 5.7                         | 11.5             | 12.8                       | -3.4     | 5.1                          | 7.9          |
| MAY.      | 3.4                | 3.0              | 6.8                        | -4.2     | 0.3                          | 7.7          | 5.2                         | 9.8              | 11.5                       | -3.6     | 4.1                          | 7.8          |
| JUN.      | 3.1                | 12.4             | 7.3                        | -5.7     | 3.7                          | 5.3          | 4.8                         | 10.2             | 10.8                       | -3.9     | 4.0                          | 7.4          |
| JUL.      | 3.7                | 15.1             | 2.9                        | -3.5     | 5.2                          | 5.8          | 4.7                         | 10.9             | 9.6                        | -3.9     | 4.2                          | 7.1          |
| AGO.      | 3.0                | 15.1             | -0.7                       | -1.1     | 0.8                          | 5.9          | 4.4                         | 11.4             | 8.3                        | -3.5     | 3.8                          | 6.9          |
| SET.      | 2.6                | 16.4             | -1.3                       | -2.2     | -1.6                         | 6.5          | 4.2                         | 12.0             | 7.3                        | -3.4     | 3.1                          | 6.9          |
| OCT.      | 3.9                | 14.2             | -6.2                       | -3.7     | 0.5                          | 11.1         | 4.2                         | 12.2             | 5.9                        | -3.4     | 2.9                          | 7.3          |
| NOV.      | 2.4                | 14.8             | -6.3                       | -1.4     | -9.0                         | 10.8         | 4.0                         | 12.5             | 4.7                        | -3.2     | 1.7                          | 7.7          |
| DIC.      | 2.0                | 10.9             | -7.0                       | -1.2     | -11.6                        | 11.6         | 3.8                         | 12.3             | 3.7                        | -3.1     | 0.5                          | 8.0          |
| 2017 ENE. | 3.8                | 8.0              | -6.9                       | 5.9      | -8.9                         | 13.3         | 3.8                         | 8.0              | -6.9                       | 5.9      | -8.9                         | 13.3         |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019  
(Variación porcentual)**

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                            |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                              |              |
|-----------|--------------------|------------------|----------------------------|----------|------------------------------|--------------|-----------------------------|------------------|----------------------------|----------|------------------------------|--------------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 4/ |
| FEB.      | 3.1                | 10.3             | -13.4                      | 4.6      | -6.6                         | 13.3         | 3.5                         | 9.1              | -10.3                      | 5.2      | -7.8                         | 13.3         |
| MAR.      | -0.8               | 5.8              | -15.6                      | 3.1      | -6.3                         | 3.8          | 1.9                         | 8.0              | -12.2                      | 4.5      | -7.3                         | 9.7          |
| ABR.      | 0.1                | 34.5             | -14.8                      | 1.3      | -9.4                         | 5.7          | 1.4                         | 14.7             | -12.9                      | 3.7      | -7.8                         | 8.5          |
| MAY.      | -0.2               | 30.9             | -17.8                      | 1.2      | -7.8                         | 5.5          | 1.1                         | 17.9             | -13.9                      | 3.2      | -7.8                         | 7.8          |
| JUN.      | 0.0                | 23.6             | -8.9                       | 3.0      | -9.5                         | 3.5          | 0.9                         | 18.8             | -13.0                      | 3.2      | -8.1                         | 7.0          |
| JUL.      | -0.3               | 17.6             | -5.4                       | 3.3      | -9.4                         | 2.1          | 0.7                         | 18.6             | -12.0                      | 3.2      | -8.3                         | 6.2          |
| AGO.      | -0.6               | -1.7             | -3.5                       | -0.4     | -6.0                         | 1.9          | 0.5                         | 16.0             | -11.0                      | 2.7      | -8.0                         | 5.6          |
| SET.      | 0.4                | -2.5             | -0.2                       | -0.5     | -5.2                         | 3.0          | 0.5                         | 13.9             | -9.9                       | 2.4      | -7.7                         | 5.3          |
| OCT.      | 0.0                | -5.2             | -3.6                       | 0.3      | -3.7                         | 2.1          | 0.5                         | 11.8             | -9.3                       | 2.2      | -7.3                         | 4.9          |
| NOV.      | 0.6                | -6.5             | 0.3                        | 0.1      | -0.7                         | 1.3          | 0.5                         | 10.0             | -8.5                       | 2.0      | -6.7                         | 4.6          |
| DIC.      | 0.8                | -7.0             | 2.5                        | -0.8     | -2.3                         | 2.3          | 0.5                         | 8.5              | -7.7                       | 1.7      | -6.4                         | 4.4          |
| 2018 ENE. | 1.7                | -2.7             | 3.7                        | 0.2      | -2.3                         | 3.2          | 1.7                         | -2.7             | 3.7                        | 0.2      | -2.3                         | 3.2          |
| FEB.      | 0.1                | -4.2             | 9.1                        | -0.7     | -1.1                         | -1.9         | 0.9                         | -3.4             | 6.4                        | -0.2     | -1.7                         | 0.6          |
| MAR.      | 3.5                | 1.6              | 9.6                        | 1.3      | -2.1                         | 5.0          | 1.8                         | -1.8             | 7.5                        | 0.3      | -1.8                         | 2.2          |
| ABR.      | -1.1               | -19.2            | 7.9                        | 2.6      | -0.8                         | -4.4         | 1.0                         | -6.9             | 7.6                        | 0.9      | -1.6                         | 0.2          |
| MAY.      | -0.8               | -14.7            | 9.3                        | 4.2      | -2.2                         | -4.4         | 0.6                         | -8.6             | 7.9                        | 1.5      | -1.7                         | -0.8         |
| JUN.      | -0.5               | -14.8            | 0.1                        | 1.9      | -3.9                         | -0.1         | 0.4                         | -9.7             | 6.6                        | 1.6      | -2.1                         | -0.7         |
| JUL.      | -1.8               | -15.7            | -4.4                       | 0.6      | -3.2                         | -1.2         | 0.1                         | -10.6            | 4.9                        | 1.4      | -2.2                         | -0.8         |
| AGO.      | -1.8               | -0.1             | -3.8                       | 0.3      | -5.8                         | -1.0         | -0.1                        | -9.4             | 3.8                        | 1.3      | -2.7                         | -0.8         |
| SET.      | -2.1               | 4.5              | -7.7                       | -0.1     | -4.1                         | -1.2         | -0.4                        | -8.1             | 2.5                        | 1.1      | -2.9                         | -0.9         |
| OCT.      | -1.2               | 4.5              | -4.1                       | 1.5      | -6.0                         | -0.1         | -0.4                        | -6.9             | 1.9                        | 1.2      | -3.2                         | -0.8         |
| NOV.      | -1.2               | 3.4              | -6.9                       | -0.3     | -4.5                         | 0.9          | -0.5                        | -6.1             | 1.1                        | 1.0      | -3.3                         | -0.6         |
| DIC.      | -1.6               | 3.0              | -9.8                       | -0.1     | -3.4                         | 0.1          | -0.6                        | -5.4             | 0.2                        | 0.9      | -3.3                         | -0.5         |
| 2019 ENE. | -0.7               | 1.0              | -8.1                       | 0.1      | -2.2                         | 0.8          | -0.7                        | 1.0              | -8.1                       | 0.1      | -2.2                         | 0.8          |
| FEB.      | -0.9               | -1.0             | -13.0                      | -1.2     | -0.4                         | 2.2          | -0.8                        | 0.0              | -10.7                      | -0.6     | -1.3                         | 1.5          |
| MAR.      | -5.1               | -4.7             | -11.1                      | -5.3     | 0.6                          | -6.1         | -2.3                        | -1.6             | -10.8                      | -2.2     | -0.7                         | -1.3         |
| ABR.      | -0.8               | -2.8             | -13.5                      | -2.8     | 2.7                          | 2.4          | -1.9                        | -1.9             | -11.5                      | -2.3     | 0.2                          | -0.3         |
| MAY.      | -1.3               | -7.0             | -13.8                      | -3.5     | 1.9                          | 2.4          | -1.8                        | -3.0             | -12.0                      | -2.6     | 0.5                          | 0.3          |
| JUN.      | -2.8               | -2.9             | -7.8                       | -3.7     | -0.3                         | -2.0         | -2.0                        | -3.0             | -11.3                      | -2.8     | 0.4                          | -0.1         |
| JUL.      | 0.4                | -0.5             | -4.0                       | 3.4      | -0.5                         | 0.4          | -1.6                        | -2.6             | -10.3                      | -1.9     | 0.2                          | 0.0          |
| AGO. P/   | 0.2                | -4.4             | -2.3                       | 0.9      | 0.9                          | 0.4          | -1.4                        | -2.8             | -9.4                       | -1.5     | 0.3                          | 0.0          |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en octubre 1998.

1/ Variación porcentual respecto al mismo mes del año anterior.

2/ Variación porcentual de un periodo comprendido desde enero hasta el mes de referencia del año corriente respecto al mismo periodo del año anterior.

3/ Conformada por las subramas agricultura, pesca y minería.

4/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

**Fuente:** MTPE – Encuesta Nacional de Variación Mensual del Empleo (ENVME).

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                                |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                                |          |                                 |                  |
|-----------|--------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| 1998 OCT. | 0.7                | 13.3              | 2.9                            | -6.0     | -4.4                            | -4.2             | -3.3                        | 4.0               | -5.6                           | -1.4     | -0.3                            | -5.9             |
| NOV.      | 1.8                | 12.4              | 4.1                            | -3.2     | -3.4                            | -1.7             | -3.2                        | 2.2               | -4.7                           | -0.7     | 0.0                             | -5.2             |
| DIC.      | 2.1                | 16.3              | 6.2                            | -8.8     | -5.4                            | -3.2             | -2.8                        | 3.7               | -3.6                           | -2.6     | -0.6                            | -5.1             |
| 1999 ENE. | 10.5               | 18.2              | 34.3                           | -8.4     | -3.2                            | 0.4              | 10.5                        | 18.2              | 34.3                           | -8.4     | -3.2                            | 0.4              |
| FEB.      | 13.4               | 20.8              | 27.6                           | -9.6     | -5.7                            | 9.6              | 11.9                        | 19.5              | 30.8                           | -9.0     | -4.5                            | 4.7              |
| MAR.      | 6.0                | 21.6              | 22.1                           | -11.1    | -3.7                            | -8.1             | 9.9                         | 20.2              | 27.8                           | -9.7     | -4.2                            | 0.4              |
| ABR.      | 7.9                | 21.3              | 15.2                           | -12.0    | -3.9                            | 1.2              | 9.4                         | 20.5              | 24.3                           | -10.3    | -4.1                            | 0.6              |
| MAY.      | 6.8                | 30.1              | 8.1                            | -11.3    | -3.7                            | -2.1             | 8.9                         | 22.4              | 20.7                           | -10.5    | -4.0                            | 0.0              |
| JUN.      | 6.4                | 33.4              | 2.1                            | -8.1     | -5.3                            | -1.0             | 8.4                         | 24.3              | 17.2                           | -10.1    | -4.3                            | -0.2             |
| JUL.      | 5.0                | 33.4              | 5.7                            | -9.0     | -8.1                            | -5.3             | 7.9                         | 25.5              | 15.4                           | -9.9     | -4.8                            | -1.0             |
| AGO.      | 1.7                | 14.6              | -0.1                           | -6.1     | -8.7                            | -0.9             | 7.1                         | 24.1              | 13.3                           | -9.5     | -5.3                            | -1.0             |
| SET.      | 6.0                | 34.9              | -1.7                           | -4.6     | -9.5                            | -0.2             | 7.0                         | 25.3              | 11.4                           | -8.9     | -5.8                            | -0.9             |
| OCT.      | 6.3                | 27.3              | -0.1                           | -5.0     | -3.5                            | 0.9              | 6.9                         | 25.5              | 10.2                           | -8.6     | -5.6                            | -0.7             |
| NOV.      | 5.7                | 28.8              | -0.6                           | -7.8     | -7.6                            | -0.4             | 6.8                         | 25.9              | 9.1                            | -8.5     | -5.7                            | -0.7             |
| DIC.      | 7.2                | 32.0              | 0.2                            | -4.5     | -6.1                            | 0.2              | 6.8                         | 26.4              | 8.3                            | -8.2     | -5.8                            | -0.6             |
| 2000 ENE. | 7.3                | 28.8              | 0.7                            | -4.5     | -8.8                            | 2.9              | 7.3                         | 28.8              | 0.7                            | -4.5     | -8.8                            | 2.9              |
| FEB.      | 2.5                | 26.7              | 1.6                            | -5.9     | -8.5                            | -11.4            | 4.9                         | 27.7              | 1.1                            | -5.2     | -8.6                            | -4.2             |
| MAR.      | 7.4                | 30.8              | -0.4                           | -3.4     | -8.9                            | 1.8              | 5.7                         | 28.7              | 0.6                            | -4.6     | -8.7                            | -2.3             |
| ABR.      | 3.5                | 18.0              | 0.1                            | -1.6     | -7.9                            | -1.4             | 5.1                         | 26.0              | 0.5                            | -3.9     | -8.5                            | -2.1             |
| MAY.      | 4.3                | 15.3              | -1.2                           | -3.3     | -7.5                            | 3.0              | 5.0                         | 23.7              | 0.1                            | -3.8     | -8.3                            | -1.0             |
| JUN.      | 6.2                | 16.9              | 3.8                            | -4.7     | -6.9                            | 3.5              | 5.2                         | 22.4              | 0.8                            | -3.9     | -8.1                            | -0.2             |
| JUL.      | 6.3                | 16.9              | -3.3                           | -4.9     | -4.7                            | 8.7              | 5.3                         | 21.6              | 0.2                            | -4.1     | -7.6                            | 1.1              |
| AGO.      | 9.9                | 32.5              | 0.5                            | -4.4     | -3.5                            | 6.7              | 5.9                         | 23.0              | 0.2                            | -4.1     | -7.1                            | 1.9              |
| SET.      | -1.7               | 4.8               | -1.5                           | -3.5     | -5.1                            | -6.0             | 5.0                         | 20.7              | 0.0                            | -4.0     | -6.9                            | 0.9              |
| OCT.      | 1.0                | 3.7               | -7.5                           | -5.6     | -1.9                            | 6.2              | 4.6                         | 18.8              | -0.7                           | -4.2     | -6.4                            | 1.5              |
| NOV.      | 0.6                | -3.4              | -3.7                           | -3.1     | 4.5                             | 5.6              | 4.2                         | 16.5              | -1.0                           | -4.1     | -5.5                            | 1.9              |
| DIC.      | 0.0                | -2.3              | -5.7                           | -0.3     | 4.2                             | 5.1              | 3.9                         | 14.7              | -1.4                           | -3.8     | -4.7                            | 2.1              |
| 2001 ENE. | -2.6               | 0.4               | -10.1                          | -0.9     | 5.9                             | -0.7             | -2.6                        | 0.4               | -10.1                          | -0.9     | 5.9                             | -0.7             |
| FEB.      | -2.9               | -6.9              | -11.7                          | 1.4      | 5.8                             | 6.8              | -2.7                        | -3.3              | -10.9                          | 0.2      | 5.9                             | 2.7              |
| MAR.      | -6.0               | -13.5             | -11.0                          | -0.3     | 6.7                             | 0.4              | -3.8                        | -6.7              | -11.0                          | 0.1      | 6.1                             | 2.0              |
| ABR.      | -5.3               | -12.1             | -11.1                          | -1.6     | 5.3                             | 0.8              | -4.2                        | -8.0              | -11.0                          | -0.3     | 5.9                             | 1.7              |
| MAY.      | -6.8               | -16.1             | -10.8                          | 1.4      | 3.4                             | -0.6             | -4.7                        | -9.6              | -10.9                          | 0.0      | 5.4                             | 1.2              |
| JUN.      | -6.9               | -17.2             | -12.0                          | -4.0     | 1.8                             | 2.1              | -5.1                        | -10.9             | -11.1                          | -0.7     | 4.8                             | 1.4              |
| JUL.      | -7.2               | -16.3             | -9.0                           | -4.6     | -3.0                            | -1.3             | -5.4                        | -11.7             | -10.8                          | -1.2     | 3.7                             | 0.9              |
| AGO.      | -8.3               | -19.4             | -8.0                           | -4.0     | -4.8                            | -2.7             | -5.8                        | -12.7             | -10.5                          | -1.6     | 2.6                             | 0.4              |
| SET.      | -4.9               | -7.8              | -9.3                           | -10.8    | -5.8                            | 1.3              | -5.7                        | -12.2             | -10.4                          | -2.6     | 1.7                             | 0.5              |
| OCT.      | -5.0               | -12.8             | -2.7                           | -7.2     | -9.0                            | -1.1             | -5.6                        | -12.2             | -9.7                           | -3.1     | 0.6                             | 0.3              |
| NOV.      | -5.0               | -9.3              | -6.0                           | -7.4     | -7.0                            | -1.2             | -5.6                        | -12.0             | -9.3                           | -3.4     | -0.1                            | 0.2              |
| DIC.      | -3.6               | -10.4             | -3.7                           | -11.4    | -9.8                            | 2.7              | -5.4                        | -11.9             | -8.9                           | -4.1     | -1.0                            | 0.4              |
| 2002 ENE. | -4.4               | -18.5             | -4.7                           | 21.0     | -12.7                           | 3.5              | -4.4                        | -18.5             | -4.7                           | 21.0     | -12.7                           | 3.5              |
| FEB.      | -5.0               | -21.6             | -2.2                           | 15.8     | -5.9                            | 1.8              | -4.7                        | -20.0             | -3.4                           | 18.4     | -9.3                            | 2.7              |
| MAR.      | 2.1                | -1.6              | 0.6                            | 18.1     | -5.8                            | 5.1              | -2.5                        | -14.4             | -2.1                           | 18.3     | -8.1                            | 3.5              |
| ABR.      | 8.4                | 11.1              | 10.5                           | 18.3     | -7.7                            | 6.7              | 0.2                         | -8.5              | 1.1                            | 18.3     | -8.0                            | 4.3              |
| MAY.      | 14.2               | 21.7              | 10.9                           | 18.9     | -7.2                            | 15.5             | 3.0                         | -2.9              | 3.0                            | 18.4     | -7.9                            | 6.7              |
| JUN.      | 9.6                | 10.0              | 9.2                            | 26.3     | -4.8                            | 10.1             | 4.2                         | -0.8              | 4.1                            | 19.7     | -7.4                            | 7.3              |
| JUL.      | 10.3               | 8.4               | 8.9                            | 24.9     | 0.8                             | 11.8             | 5.0                         | 0.4               | 4.7                            | 20.4     | -6.3                            | 8.0              |
| AGO.      | 8.4                | -1.9              | 9.5                            | 23.0     | 1.6                             | 12.3             | 5.5                         | 0.1               | 5.3                            | 20.7     | -5.3                            | 8.6              |
| SET.      | 11.2               | 5.9               | 12.9                           | 28.0     | 5.7                             | 11.3             | 6.1                         | 0.8               | 6.1                            | 21.5     | -4.2                            | 8.9              |
| OCT.      | 14.8               | 14.2              | 10.9                           | 26.7     | 15.6                            | 15.7             | 7.0                         | 2.1               | 6.6                            | 22.0     | -2.4                            | 9.6              |
| NOV.      | 14.5               | 15.6              | 9.2                            | 28.6     | 8.4                             | 16.3             | 7.7                         | 3.3               | 6.9                            | 22.5     | -1.4                            | 10.3             |
| DIC.      | 12.3               | 13.8              | 8.3                            | 31.0     | 11.6                            | 11.4             | 8.1                         | 4.2               | 7.0                            | 23.2     | -0.4                            | 10.4             |
| 2003 ENE. | 15.0               | 25.1              | 11.2                           | -2.8     | 24.6                            | 11.7             | 15.0                        | 25.1              | 11.2                           | -2.8     | 24.6                            | 11.7             |
| FEB.      | 15.2               | 28.5              | 11.4                           | 1.5      | 18.3                            | 10.6             | 15.1                        | 26.7              | 11.3                           | -0.7     | 21.3                            | 11.2             |
| MAR.      | 15.0               | 26.1              | 17.1                           | 1.6      | 17.0                            | 6.1              | 15.1                        | 26.5              | 13.3                           | 0.0      | 19.8                            | 9.5              |
| ABR.      | 11.4               | 21.3              | 9.4                            | 1.4      | 19.8                            | 5.2              | 14.1                        | 25.0              | 12.3                           | 0.4      | 19.8                            | 8.4              |
| MAY.      | 8.8                | 8.4               | 10.7                           | -0.3     | 20.2                            | 6.6              | 12.9                        | 21.2              | 11.9                           | 0.2      | 19.9                            | 8.0              |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                                |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                                |          |                                 |                  |
|-----------|--------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servici<br>os 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| JUN.      | 10.5               | 13.8              | 12.0                           | -1.4     | 20.9                            | 7.2              | 12.5                        | 19.9              | 11.9                           | 0.0      | 20.1                            | 7.8              |
| JUL.      | 14.3               | 16.4              | 14.0                           | 28.6     | 30.2                            | 6.9              | 12.7                        | 19.4              | 12.2                           | 4.0      | 21.5                            | 7.7              |
| AGO.      | 15.1               | 23.0              | 13.9                           | 26.9     | 30.8                            | 6.2              | 13.1                        | 19.8              | 12.5                           | 6.8      | 22.7                            | 7.5              |
| SET.      | 14.7               | 7.3               | 22.7                           | 29.2     | 28.7                            | 6.7              | 13.3                        | 18.3              | 13.6                           | 9.3      | 23.4                            | 7.4              |
| OCT.      | 11.8               | 8.2               | 23.6                           | 7.3      | 25.0                            | 4.5              | 13.1                        | 17.2              | 14.7                           | 9.1      | 23.6                            | 7.1              |
| NOV.      | 12.0               | 4.1               | 27.6                           | 4.0      | 27.0                            | 5.4              | 13.0                        | 15.9              | 15.9                           | 8.6      | 23.9                            | 6.9              |
| DIC.      | 13.6               | 11.5              | 25.7                           | 4.3      | 23.4                            | 6.4              | 13.0                        | 15.5              | 16.7                           | 8.2      | 23.9                            | 6.9              |
| 2004 ENE. | 11.4               | 6.3               | 25.4                           | 7.5      | 12.4                            | 5.3              | 11.4                        | 6.3               | 25.4                           | 7.5      | 12.4                            | 5.3              |
| FEB.      | 12.5               | 13.8              | 23.4                           | -3.4     | 10.7                            | 6.1              | 11.9                        | 10.0              | 24.4                           | 2.1      | 11.5                            | 5.7              |
| MAR.      | 5.6                | 1.3               | 12.0                           | -8.3     | 10.8                            | 4.9              | 9.8                         | 6.9               | 19.9                           | -1.4     | 11.3                            | 5.4              |
| ABR.      | 7.4                | 5.6               | 13.0                           | -8.0     | 10.7                            | 6.0              | 9.2                         | 6.5               | 18.1                           | -3.0     | 11.1                            | 5.6              |
| MAY.      | 5.0                | 5.8               | 10.3                           | -9.3     | 11.7                            | 3.5              | 8.3                         | 6.4               | 16.5                           | -4.3     | 11.2                            | 5.1              |
| JUN.      | 0.9                | -6.0              | 6.9                            | -9.9     | 9.8                             | 4.9              | 7.0                         | 4.3               | 14.8                           | -5.2     | 11.0                            | 5.1              |
| JUL.      | 1.8                | 1.2               | 16.0                           | -30.8    | -2.3                            | 4.2              | 6.2                         | 3.9               | 14.9                           | -9.7     | 8.9                             | 4.9              |
| AGO.      | 7.1                | 9.1               | 27.4                           | -29.1    | -2.3                            | 4.9              | 6.3                         | 4.5               | 16.6                           | -12.5    | 7.4                             | 4.9              |
| SET.      | 8.6                | 8.7               | 31.3                           | -29.8    | -3.3                            | 5.8              | 6.6                         | 5.0               | 18.4                           | -14.7    | 6.1                             | 5.0              |
| OCT.      | 8.3                | 6.1               | 30.4                           | -15.0    | -6.7                            | 4.0              | 6.7                         | 5.1               | 19.7                           | -14.8    | 4.7                             | 4.9              |
| NOV.      | 7.1                | 6.0               | 22.3                           | -4.7     | -3.0                            | 4.2              | 6.8                         | 5.2               | 20.0                           | -13.9    | 3.9                             | 4.8              |
| DIC.      | 8.6                | 11.2              | 20.9                           | -5.7     | 1.1                             | 3.5              | 6.9                         | 5.7               | 20.1                           | -13.2    | 3.7                             | 4.7              |
| 2005 ENE. | 10.7               | 14.8              | 22.3                           | -6.9     | 5.2                             | 5.1              | 10.7                        | 14.8              | 22.3                           | -6.9     | 5.2                             | 5.1              |
| FEB.      | 7.4                | 10.0              | 11.7                           | 3.9      | -1.6                            | 5.3              | 9.1                         | 12.4              | 17.0                           | -1.8     | 1.8                             | 5.2              |
| MAR.      | 7.7                | 10.3              | 9.6                            | 10.2     | -0.7                            | 5.9              | 8.7                         | 11.7              | 14.5                           | 1.9      | 1.0                             | 5.4              |
| ABR.      | 3.9                | 2.8               | 7.6                            | 8.6      | 0.3                             | 1.5              | 7.4                         | 9.3               | 12.8                           | 3.5      | 0.8                             | 4.4              |
| MAY.      | 4.7                | 6.0               | 2.2                            | 10.8     | 1.1                             | 6.3              | 6.9                         | 8.6               | 10.6                           | 4.9      | 0.9                             | 4.8              |
| JUN.      | 8.4                | 10.9              | 10.8                           | 10.2     | 3.3                             | 6.1              | 7.1                         | 9.0               | 10.7                           | 5.7      | 1.3                             | 5.1              |
| JUL.      | 10.1               | 13.6              | 12.8                           | 13.7     | 6.8                             | 6.0              | 7.6                         | 9.6               | 11.0                           | 6.8      | 2.0                             | 5.2              |
| AGO.      | 6.3                | 8.3               | 6.5                            | 10.0     | 7.0                             | 4.1              | 7.4                         | 9.4               | 10.3                           | 7.2      | 2.6                             | 5.1              |
| SET.      | 2.4                | 5.6               | -4.4                           | 10.7     | 9.6                             | 3.5              | 6.8                         | 9.0               | 8.3                            | 7.5      | 3.4                             | 4.9              |
| OCT.      | 4.1                | 8.1               | -4.1                           | 12.0     | 8.4                             | 7.2              | 6.5                         | 8.9               | 6.8                            | 8.0      | 3.9                             | 5.1              |
| NOV.      | 1.6                | 2.7               | -6.2                           | 5.2      | 6.5                             | 6.2              | 6.0                         | 8.3               | 5.4                            | 7.7      | 4.1                             | 5.2              |
| DIC.      | 5.1                | 1.9               | 9.4                            | 4.4      | 2.8                             | 5.2              | 5.9                         | 7.7               | 5.8                            | 7.4      | 4.0                             | 5.2              |
| 2006 ENE. | 4.2                | 1.6               | 14.7                           | 4.1      | 0.8                             | -2.5             | 4.2                         | 1.6               | 14.7                           | 4.1      | 0.8                             | -2.5             |
| FEB.      | 9.7                | 4.3               | 25.0                           | 6.4      | 5.6                             | 1.7              | 6.9                         | 2.9               | 19.6                           | 5.3      | 3.1                             | -0.6             |
| MAR.      | 3.7                | 2.6               | 8.8                            | 4.4      | 5.2                             | -1.6             | 5.9                         | 2.8               | 16.2                           | 5.0      | 3.8                             | -0.9             |
| ABR.      | 9.8                | 0.0               | 21.5                           | 6.3      | 3.7                             | 11.5             | 6.8                         | 2.1               | 17.5                           | 5.3      | 3.8                             | 2.1              |
| MAY.      | 14.0               | 3.8               | 46.8                           | 2.6      | 4.4                             | 1.9              | 8.3                         | 2.4               | 22.9                           | 4.7      | 3.9                             | 2.1              |
| JUN.      | 20.0               | 13.1              | 55.0                           | 7.1      | 3.7                             | 3.5              | 10.3                        | 4.1               | 28.2                           | 5.1      | 3.9                             | 2.3              |
| JUL.      | 18.5               | 5.7               | 51.8                           | 7.9      | 8.0                             | 4.8              | 11.5                        | 4.3               | 31.8                           | 5.5      | 4.5                             | 2.7              |
| AGO.      | 20.9               | 7.9               | 57.5                           | 7.3      | 10.1                            | 3.7              | 12.8                        | 4.8               | 35.3                           | 5.7      | 5.2                             | 2.9              |
| SET.      | 26.0               | 12.1              | 58.6                           | 9.3      | 9.0                             | 14.2             | 14.3                        | 5.6               | 38.1                           | 6.1      | 5.6                             | 4.1              |
| OCT.      | 23.9               | 4.5               | 69.1                           | 12.1     | 12.1                            | 4.6              | 15.3                        | 5.5               | 41.5                           | 6.7      | 6.3                             | 4.2              |
| NOV.      | 33.7               | 14.4              | 93.9                           | 11.2     | 11.0                            | 7.6              | 17.0                        | 6.2               | 46.4                           | 7.1      | 6.7                             | 4.5              |
| DIC.      | 32.6               | 2.5               | 93.7                           | 10.6     | 15.7                            | 7.7              | 18.4                        | 5.9               | 51.0                           | 7.4      | 7.5                             | 4.8              |
| 2007 ENE. | 19.8               | 3.6               | 53.5                           | 9.4      | 16.9                            | -0.5             | 19.8                        | 3.6               | 53.5                           | 9.4      | 16.9                            | -0.5             |
| FEB.      | 22.3               | 7.5               | 53.7                           | 8.7      | 19.7                            | 2.2              | 21.0                        | 5.5               | 53.6                           | 9.1      | 18.3                            | 0.8              |
| MAR.      | 30.7               | 12.5              | 73.7                           | 14.3     | 22.8                            | 9.5              | 24.1                        | 7.8               | 59.5                           | 10.8     | 19.8                            | 3.5              |
| ABR.      | 24.2               | 12.2              | 48.2                           | 14.7     | 26.4                            | 10.6             | 24.1                        | 8.9               | 56.7                           | 11.8     | 21.4                            | 5.4              |
| MAY.      | 19.4               | 6.5               | 37.8                           | 21.4     | 27.0                            | 7.7              | 23.1                        | 8.4               | 52.5                           | 13.6     | 22.6                            | 5.9              |
| JUN.      | 13.7               | 5.5               | 21.3                           | 19.0     | 25.8                            | 6.4              | 21.3                        | 7.9               | 46.3                           | 14.5     | 23.1                            | 6.0              |
| JUL.      | 15.3               | 7.0               | 26.9                           | 19.5     | 20.2                            | 5.5              | 20.4                        | 7.8               | 42.9                           | 15.3     | 22.7                            | 5.9              |
| AGO.      | 10.1               | 2.9               | 14.4                           | 27.6     | 19.9                            | 4.2              | 18.9                        | 7.2               | 38.3                           | 16.8     | 22.3                            | 5.7              |
| SET.      | 6.4                | 3.3               | 2.8                            | 26.9     | 19.7                            | 5.7              | 17.4                        | 6.7               | 33.4                           | 17.9     | 22.0                            | 5.7              |
| OCT.      | 7.0                | 8.7               | 1.9                            | 25.9     | 17.2                            | 5.1              | 16.2                        | 6.9               | 29.3                           | 18.8     | 21.5                            | 5.6              |
| NOV.      | 1.9                | 0.4               | -5.7                           | 24.7     | 17.7                            | 5.0              | 14.6                        | 6.3               | 25.0                           | 19.3     | 21.1                            | 5.6              |
| DIC.      | -2.1               | 10.5              | -20.9                          | 34.6     | 18.0                            | 5.9              | 13.0                        | 6.7               | 19.3                           | 20.7     | 20.8                            | 5.6              |
| 2008 ENE. | 6.5                | 10.9              | -12.2                          | 41.1     | 18.0                            | 19.7             | 6.5                         | 10.9              | -12.2                          | 41.1     | 18.0                            | 19.7             |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                                |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                                |          |                                 |                  |
|-----------|--------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| FEB.      | 4.2                | 12.8              | -11.2                          | 43.9     | 20.5                            | 4.7              | 5.4                         | 11.9              | -11.7                          | 42.5     | 19.3                            | 12.4             |
| MAR.      | 3.1                | 10.6              | -13.1                          | 38.3     | 20.5                            | 4.1              | 4.6                         | 11.4              | -12.1                          | 41.1     | 19.7                            | 9.6              |
| ABR.      | 0.6                | 5.7               | -17.0                          | 36.0     | 16.5                            | 2.8              | 3.6                         | 9.9               | -13.3                          | 39.8     | 18.9                            | 7.7              |
| MAY.      | 0.3                | 3.4               | -19.4                          | 32.9     | 12.1                            | 8.5              | 2.9                         | 8.6               | -14.5                          | 38.3     | 17.4                            | 7.9              |
| JUN.      | 1.7                | 5.7               | -17.9                          | 33.2     | 14.7                            | 8.6              | 2.7                         | 8.2               | -15.1                          | 37.4     | 17.0                            | 8.0              |
| JUL.      | -2.3               | 6.0               | -27.2                          | 30.2     | 17.9                            | 9.0              | 1.9                         | 7.8               | -17.0                          | 36.3     | 17.1                            | 8.2              |
| AGO.      | 2.1                | 10.6              | -17.7                          | 26.5     | 16.6                            | 8.8              | 2.0                         | 8.2               | -17.1                          | 35.0     | 17.0                            | 8.3              |
| SET.      | 5.1                | 6.1               | -5.8                           | 27.1     | 16.9                            | 4.0              | 2.3                         | 8.0               | -15.9                          | 34.1     | 17.0                            | 7.8              |
| OCT.      | 4.6                | 4.1               | -8.1                           | 25.4     | 17.1                            | 6.8              | 2.5                         | 7.6               | -15.1                          | 33.1     | 17.0                            | 7.7              |
| NOV.      | 4.6                | 9.8               | -12.3                          | 25.8     | 19.2                            | 7.1              | 2.7                         | 7.8               | -14.8                          | 32.4     | 17.2                            | 7.6              |
| DIC.      | 4.9                | 8.9               | -9.2                           | 19.1     | 15.5                            | 8.3              | 2.9                         | 7.9               | -14.4                          | 31.0     | 17.1                            | 7.7              |
| 2009 ENE. | 0.1                | -5.8              | -11.4                          | 12.2     | 11.8                            | 7.0              | 0.1                         | -5.8              | -11.4                          | 12.2     | 11.8                            | 7.0              |
| FEB.      | -2.8               | -7.3              | -16.8                          | 7.4      | 6.6                             | 11.9             | -1.3                        | -6.6              | -14.1                          | 9.7      | 9.2                             | 9.2              |
| MAR.      | 1.0                | 3.5               | -12.5                          | 10.3     | 4.3                             | 11.5             | -0.6                        | -3.1              | -13.6                          | 9.9      | 7.5                             | 9.9              |
| ABR.      | 6.9                | 3.4               | 6.2                            | 7.6      | 2.8                             | 12.0             | 1.3                         | -1.5              | -9.1                           | 9.3      | 6.3                             | 10.5             |
| MAY.      | 5.2                | -3.6              | 6.2                            | 6.3      | 4.9                             | 7.2              | 2.1                         | -1.9              | -6.2                           | 8.7      | 6.0                             | 9.7              |
| JUN.      | 6.8                | -4.9              | 10.2                           | 6.8      | 3.4                             | 9.2              | 2.9                         | -2.4              | -3.6                           | 8.4      | 5.6                             | 9.6              |
| JUL.      | 5.6                | -5.9              | 7.0                            | 7.3      | 0.9                             | 9.9              | 3.3                         | -2.9              | -2.1                           | 8.2      | 4.9                             | 9.6              |
| AGO.      | 3.2                | -2.0              | 5.1                            | 3.0      | -0.4                            | 6.9              | 3.3                         | -2.8              | -1.2                           | 7.6      | 4.2                             | 9.3              |
| SET.      | 5.4                | 0.4               | 13.4                           | 1.2      | -0.2                            | 7.4              | 3.5                         | -2.4              | 0.6                            | 6.8      | 3.7                             | 9.1              |
| OCT.      | 4.5                | -11.2             | 15.0                           | 1.1      | -0.5                            | 8.4              | 3.6                         | -3.3              | 2.2                            | 6.3      | 3.3                             | 9.0              |
| NOV.      | 5.6                | -7.8              | 16.1                           | 0.4      | -0.6                            | 8.7              | 3.8                         | -3.7              | 3.5                            | 5.7      | 2.9                             | 9.0              |
| DIC.      | 7.1                | 13.2              | 10.5                           | -2.1     | -1.8                            | 8.2              | 4.1                         | -2.2              | 4.1                            | 5.0      | 2.5                             | 8.9              |
| 2010 ENE. | 6.5                | 6.8               | 20.5                           | 0.3      | -5.1                            | 1.6              | 6.5                         | 6.8               | 20.5                           | 0.3      | -5.1                            | 1.6              |
| FEB.      | 12.8               | 9.5               | 35.2                           | 1.4      | -2.9                            | 8.8              | 9.6                         | 8.2               | 27.7                           | 0.8      | -4.0                            | 4.9              |
| MAR.      | 9.6                | 0.1               | 29.3                           | -1.4     | -3.1                            | 11.0             | 9.6                         | 5.2               | 28.2                           | 0.1      | -3.7                            | 6.9              |
| ABR.      | 4.6                | 3.4               | 8.1                            | -0.8     | -2.0                            | 6.4              | 8.3                         | 4.8               | 22.9                           | -0.1     | -3.3                            | 6.7              |
| MAY.      | 3.8                | 8.6               | 10.3                           | 1.7      | -0.7                            | -1.2             | 7.4                         | 5.5               | 20.2                           | 0.2      | -2.8                            | 4.9              |
| JUN.      | 3.6                | 19.3              | 4.9                            | 5.2      | -1.8                            | -3.5             | 6.7                         | 7.6               | 17.4                           | 1.0      | -2.6                            | 3.3              |
| JUL.      | 4.2                | 15.8              | 10.2                           | 4.9      | -1.6                            | -4.2             | 6.3                         | 8.8               | 16.3                           | 1.6      | -2.5                            | 2.0              |
| AGO.      | 2.1                | 4.1               | -0.7                           | 8.9      | -3.3                            | 1.1              | 5.8                         | 8.1               | 13.9                           | 2.5      | -2.6                            | 1.9              |
| SET.      | -0.1               | 2.2               | -8.5                           | 9.9      | -4.6                            | 2.5              | 5.1                         | 7.5               | 10.9                           | 3.3      | -2.8                            | 2.0              |
| OCT.      | 6.4                | 17.9              | 11.7                           | 12.7     | -4.7                            | -1.4             | 5.2                         | 8.4               | 11.0                           | 4.2      | -3.0                            | 1.6              |
| NOV.      | 8.1                | 25.4              | 19.3                           | 10.6     | -5.6                            | -4.3             | 5.5                         | 9.9               | 11.9                           | 4.8      | -3.2                            | 1.0              |
| DIC.      | 4.9                | 4.6               | 17.5                           | 11.5     | -4.1                            | -4.4             | 5.4                         | 9.3               | 12.4                           | 5.4      | -3.3                            | 0.5              |
| 2011 ENE. | 7.4                | 9.0               | 11.2                           | 12.2     | 0.8                             | 3.2              | 7.4                         | 9.0               | 11.2                           | 12.2     | 0.8                             | 3.2              |
| FEB.      | 5.4                | 4.0               | 6.6                            | 10.6     | 1.4                             | 3.9              | 6.4                         | 6.4               | 8.8                            | 11.4     | 1.1                             | 3.5              |
| MAR.      | 7.0                | 6.0               | 11.7                           | 8.5      | 2.0                             | 4.6              | 6.6                         | 6.3               | 9.8                            | 10.5     | 1.4                             | 3.9              |
| ABR.      | 9.9                | 16.9              | 16.4                           | 11.1     | 3.3                             | 2.9              | 7.4                         | 9.0               | 11.3                           | 10.6     | 1.9                             | 3.6              |
| MAY.      | 10.8               | 21.4              | 13.3                           | 10.4     | 2.7                             | 6.4              | 8.1                         | 11.4              | 11.7                           | 10.6     | 2.0                             | 4.2              |
| JUN.      | 5.2                | 10.7              | 3.2                            | 4.9      | 4.3                             | 4.0              | 7.6                         | 11.3              | 10.3                           | 9.6      | 2.4                             | 4.2              |
| JUL.      | 4.0                | 4.0               | 1.8                            | 4.9      | 4.4                             | 5.0              | 7.1                         | 10.2              | 9.1                            | 8.9      | 2.7                             | 4.3              |
| AGO.      | 7.3                | 13.2              | 8.8                            | 3.8      | 5.1                             | 5.6              | 7.1                         | 10.6              | 9.1                            | 8.2      | 3.0                             | 4.5              |
| SET.      | 11.2               | 19.4              | 19.2                           | 4.3      | 5.4                             | 6.3              | 7.6                         | 11.5              | 10.2                           | 7.8      | 3.3                             | 4.7              |
| OCT.      | 8.2                | 10.8              | 6.5                            | 0.2      | 5.9                             | 13.1             | 7.6                         | 11.4              | 9.7                            | 7.0      | 3.5                             | 5.6              |
| NOV.      | 8.8                | 9.6               | 6.6                            | 0.8      | 7.0                             | 14.7             | 7.8                         | 11.3              | 9.4                            | 6.4      | 3.9                             | 6.5              |
| DIC.      | 9.3                | 1.5               | 14.4                           | -1.2     | 7.5                             | 15.1             | 7.9                         | 10.3              | 9.9                            | 5.7      | 4.2                             | 7.2              |
| 2012 ENE. | 11.0               | 7.7               | 14.8                           | -1.2     | 7.2                             | 17.4             | 11.0                        | 7.7               | 14.8                           | -1.2     | 7.2                             | 17.4             |
| FEB.      | 8.5                | 1.2               | 13.8                           | 1.0      | 10.2                            | 11.6             | 9.8                         | 4.4               | 14.3                           | -0.1     | 8.7                             | 14.6             |
| MAR.      | 10.6               | 3.0               | 20.4                           | 3.7      | 11.1                            | 10.0             | 10.1                        | 3.9               | 16.3                           | 1.1      | 9.5                             | 13.1             |
| ABR.      | 8.3                | -7.1              | 17.8                           | 3.4      | 11.4                            | 11.5             | 9.6                         | 0.9               | 16.7                           | 1.7      | 10.0                            | 12.6             |
| MAY.      | 9.8                | -1.8              | 12.1                           | 6.1      | 11.5                            | 15.9             | 9.6                         | 0.3               | 15.8                           | 2.6      | 10.3                            | 13.4             |
| JUN.      | 11.2               | 0.3               | 15.1                           | 6.7      | 11.2                            | 16.9             | 9.9                         | 0.3               | 15.7                           | 3.3      | 10.4                            | 14.0             |
| JUL.      | 10.4               | 5.1               | 6.4                            | 11.2     | 10.0                            | 15.6             | 10.0                        | 1.0               | 14.5                           | 4.4      | 10.4                            | 14.2             |
| AGO.      | 7.7                | -5.3              | 3.8                            | 9.8      | 10.7                            | 15.8             | 9.7                         | 0.2               | 13.2                           | 5.1      | 10.4                            | 14.5             |
| SET.      | 4.7                | -17.9             | 9.4                            | 10.4     | 11.1                            | 8.7              | 9.1                         | -1.9              | 12.7                           | 5.7      | 10.5                            | 13.8             |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                                |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                                |          |                                 |                  |      |
|-----------|--------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|--------------------------------|----------|---------------------------------|------------------|------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturer<br>a | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |      |
| 2013      | OCT.               | 7.1               | 1.7                            | 4.3      | 12.3                            | 11.5             | 8.5                         | 8.9               | -1.5                           | 11.7     | 6.3                             | 10.6             | 13.2 |
|           | NOV.               | 10.1              | 1.4                            | 17.1     | 12.4                            | 10.5             | 7.2                         | 9.0               | -1.3                           | 12.3     | 6.9                             | 10.6             | 12.6 |
|           | DIC.               | 8.5               | 5.4                            | 8.0      | 13.4                            | 11.6             | 7.7                         | 9.0               | -0.7                           | 11.9     | 7.4                             | 10.7             | 12.1 |
|           | ENE.               | 4.9               | 5.8                            | -4.4     | 12.6                            | 13.4             | 6.2                         | 4.9               | 5.8                            | -4.4     | 12.6                            | 13.4             | 6.2  |
|           | FEB.               | 6.9               | 2.3                            | 3.0      | 14.2                            | 10.2             | 8.0                         | 5.9               | 4.1                            | -0.6     | 13.4                            | 11.8             | 7.0  |
|           | MAR.               | 5.2               | 1.4                            | 0.0      | 14.3                            | 8.8              | 6.6                         | 5.7               | 3.2                            | -0.4     | 13.7                            | 10.7             | 6.9  |
|           | ABR.               | 9.8               | -2.9                           | 9.5      | 13.3                            | 6.4              | 15.8                        | 6.7               | 1.7                            | 2.0      | 13.6                            | 9.6              | 9.2  |
|           | MAY.               | 5.4               | 2.1                            | 2.4      | 10.1                            | 5.8              | 6.8                         | 6.4               | 1.8                            | 2.1      | 12.9                            | 8.8              | 8.7  |
|           | JUN.               | 4.8               | 2.6                            | -0.4     | 8.1                             | 7.3              | 7.2                         | 6.2               | 1.9                            | 1.7      | 12.1                            | 8.6              | 8.4  |
|           | JUL.               | 7.2               | 6.1                            | 10.2     | 3.2                             | 9.5              | 7.2                         | 6.3               | 2.5                            | 2.8      | 10.7                            | 8.7              | 8.2  |
|           | AGO.               | 6.3               | 3.5                            | 6.7      | 5.4                             | 10.3             | 6.5                         | 6.3               | 2.6                            | 3.2      | 10.0                            | 8.9              | 8.0  |
|           | SET.               | 2.7               | 6.8                            | -8.1     | 4.5                             | 10.7             | 6.3                         | 5.9               | 3.0                            | 1.9      | 9.4                             | 9.1              | 7.8  |
| 2014      | OCT.               | -2.4              | -1.7                           | -19.0    | 2.8                             | 10.8             | 4.8                         | 5.0               | 2.6                            | -0.5     | 8.7                             | 9.3              | 7.5  |
|           | NOV.               | -7.2              | -1.0                           | -32.2    | 4.6                             | 10.1             | 3.3                         | 3.8               | 2.2                            | -4.2     | 8.3                             | 9.4              | 7.0  |
|           | DIC.               | -4.7              | -2.8                           | -23.5    | 4.3                             | 8.7              | 2.9                         | 3.0               | 1.7                            | -6.1     | 7.9                             | 9.3              | 6.7  |
|           | ENE.               | 1.2               | 4.9                            | -5.9     | 1.7                             | 7.2              | 2.8                         | 1.2               | 4.9                            | -5.9     | 1.7                             | 7.2              | 2.8  |
|           | FEB.               | -2.5              | 3.7                            | -12.2    | -2.4                            | 7.8              | 0.0                         | -0.6              | 4.3                            | -9.2     | -0.4                            | 7.5              | 1.5  |
|           | MAR.               | -1.7              | -2.1                           | -9.4     | -2.6                            | 8.8              | 2.8                         | -1.0              | 2.2                            | -9.3     | -1.1                            | 8.0              | 1.9  |
|           | ABR.               | -3.1              | 9.0                            | -15.3    | -1.2                            | 10.3             | -3.0                        | -1.5              | 3.8                            | -10.9    | -1.2                            | 8.5              | 0.5  |
|           | MAY.               | -1.3              | 2.5                            | -12.7    | -1.1                            | 9.6              | 2.0                         | -1.5              | 3.5                            | -11.2    | -1.1                            | 8.7              | 0.8  |
|           | JUN.               | 2.5               | 1.9                            | 2.8      | -2.1                            | 6.8              | 3.5                         | -0.8              | 3.2                            | -9.1     | -1.3                            | 8.4              | 1.3  |
|           | JUL.               | 1.4               | 1.7                            | -2.1     | -1.0                            | 7.0              | 3.1                         | -0.5              | 3.0                            | -8.2     | -1.3                            | 8.2              | 1.6  |
|           | AGO.               | 1.1               | 2.1                            | -0.1     | -3.7                            | 4.4              | 2.9                         | -0.3              | 2.9                            | -7.3     | -1.6                            | 7.7              | 1.8  |
|           | SET.               | 5.2               | 8.8                            | 7.4      | -4.0                            | 3.2              | 7.6                         | 0.3               | 3.5                            | -5.7     | -1.8                            | 7.2              | 2.4  |
| 2015      | OCT.               | 6.7               | 3.0                            | 19.4     | -3.3                            | 0.9              | 6.6                         | 0.9               | 3.4                            | -3.4     | -2.0                            | 6.5              | 2.9  |
|           | NOV.               | 7.4               | -0.2                           | 24.5     | -5.0                            | 1.2              | 8.2                         | 1.5               | 3.1                            | -1.1     | -2.3                            | 6.0              | 3.4  |
|           | DIC.               | 6.4               | -2.2                           | 17.4     | -2.6                            | 2.1              | 8.8                         | 2.0               | 2.6                            | 0.4      | -2.3                            | 5.7              | 3.9  |
|           | ENE.               | 5.9               | -3.9                           | 14.0     | -1.4                            | 1.2              | 10.4                        | 5.9               | -3.9                           | 14.0     | -1.4                            | 1.2              | 10.4 |
|           | FEB.               | 7.9               | -2.9                           | 23.8     | 0.0                             | -0.6             | 8.7                         | 6.9               | -3.4                           | 18.9     | -0.7                            | 0.3              | 9.6  |
|           | MAR.               | 5.9               | -1.8                           | 13.9     | 0.4                             | -1.7             | 9.3                         | 6.6               | -2.9                           | 17.2     | -0.3                            | -0.4             | 9.5  |
|           | ABR.               | 5.0               | -4.6                           | 12.0     | -0.8                            | -2.3             | 9.7                         | 6.2               | -3.3                           | 15.9     | -0.4                            | -0.9             | 9.6  |
|           | MAY.               | 6.2               | -4.0                           | 14.4     | 0.2                             | -1.5             | 10.7                        | 6.2               | -3.5                           | 15.6     | -0.3                            | -1.0             | 9.8  |
|           | JUN.               | 5.5               | 0.1                            | 6.7      | 1.3                             | -1.7             | 10.7                        | 6.0               | -2.9                           | 14.1     | -0.1                            | -1.1             | 10.0 |
|           | JUL.               | 5.5               | -3.6                           | 7.4      | 1.8                             | -1.7             | 11.9                        | 6.0               | -3.0                           | 13.2     | 0.2                             | -1.2             | 10.3 |
|           | AGO.               | 6.1               | 0.9                            | 3.7      | 3.2                             | 0.0              | 12.6                        | 6.0               | -2.5                           | 12.0     | 0.6                             | -1.1             | 10.6 |
|           | SET.               | 5.4               | 4.6                            | 0.9      | 2.9                             | 1.6              | 11.2                        | 5.9               | -1.8                           | 10.6     | 0.8                             | -0.8             | 10.7 |
| 2016      | OCT.               | 7.2               | 5.1                            | 6.7      | 1.9                             | 3.0              | 11.6                        | 6.0               | -1.1                           | 10.2     | 0.9                             | -0.4             | 10.8 |
|           | NOV.               | 6.3               | 1.0                            | 4.8      | 2.1                             | 2.8              | 12.2                        | 6.1               | -0.9                           | 9.6      | 1.0                             | -0.1             | 10.9 |
|           | DIC.               | 4.5               | 2.1                            | -1.4     | 0.1                             | 2.6              | 11.9                        | 5.9               | -0.7                           | 8.6      | 1.0                             | 0.1              | 11.0 |
|           | ENE.               | 6.3               | 4.7                            | 2.3      | -0.1                            | 3.4              | 13.4                        | 6.3               | 4.7                            | 2.3      | -0.1                            | 3.4              | 13.4 |
|           | FEB.               | 7.1               | 11.4                           | -1.6     | 0.0                             | 5.4              | 17.0                        | 6.6               | 7.9                            | 0.3      | -0.1                            | 4.4              | 15.1 |
|           | MAR.               | 7.7               | 10.6                           | -0.7     | 1.2                             | 5.5              | 17.4                        | 7.0               | 8.8                            | 0.0      | 0.4                             | 4.8              | 15.8 |
|           | ABR.               | 5.5               | 7.8                            | -3.1     | -0.3                            | 4.2              | 13.5                        | 6.6               | 8.6                            | -0.8     | 0.2                             | 4.6              | 15.2 |
|           | MAY.               | 5.9               | 7.1                            | 0.4      | 0.3                             | 3.6              | 11.7                        | 6.5               | 8.3                            | -0.6     | 0.2                             | 4.4              | 14.4 |
|           | JUN.               | 3.2               | -0.2                           | -3.3     | 0.3                             | 4.2              | 9.2                         | 5.9               | 6.8                            | -1.0     | 0.2                             | 4.4              | 13.4 |
|           | JUL.               | 3.7               | 5.1                            | -0.6     | -0.6                            | 3.0              | 7.4                         | 5.6               | 6.5                            | -0.9     | 0.1                             | 4.2              | 12.5 |
|           | AGO.               | 4.7               | 7.1                            | 3.8      | -0.8                            | 2.9              | 7.0                         | 5.5               | 6.6                            | -0.4     | 0.0                             | 4.0              | 11.7 |
|           | SET.               | 5.2               | 9.1                            | 5.1      | 1.0                             | 2.6              | 6.1                         | 5.4               | 6.9                            | 0.2      | 0.1                             | 3.9              | 11.1 |
| 2017      | OCT.               | 3.4               | 9.6                            | -0.3     | 0.9                             | 2.6              | 4.8                         | 5.2               | 7.1                            | 0.2      | 0.2                             | 3.7              | 10.4 |
|           | NOV.               | 3.5               | 7.6                            | 2.0      | 0.9                             | 2.4              | 4.1                         | 5.0               | 7.2                            | 0.3      | 0.2                             | 3.6              | 9.7  |
|           | DIC.               | 5.6               | 9.1                            | 11.0     | 1.8                             | 2.3              | 3.2                         | 5.1               | 7.3                            | 1.2      | 0.4                             | 3.5              | 9.1  |
|           | ENE.               | 4.8               | 8.4                            | 11.0     | 2.0                             | 2.4              | 1.1                         | 4.8               | 8.4                            | 11.0     | 2.0                             | 2.4              | 1.1  |
|           | FEB.               | 5.4               | 7.5                            | 3.4      | 1.0                             | 3.3              | 8.6                         | 5.1               | 8.0                            | 7.1      | 1.5                             | 2.8              | 4.6  |
|           | MAR.               | 4.1               | 3.9                            | 6.7      | -1.8                            | 2.1              | 5.7                         | 4.8               | 6.6                            | 7.0      | 0.4                             | 2.6              | 5.0  |
|           | ABR.               | -2.2              | -1.6                           | 2.5      | -1.0                            | 0.6              | -6.4                        | 3.0               | 4.6                            | 5.9      | 0.1                             | 2.1              | 1.9  |
|           | MAY.               | -1.3              | -0.6                           | -0.1     | -1.9                            | -2.1             | -1.8                        | 2.1               | 3.5                            | 4.8      | -0.3                            | 1.2              | 1.1  |

**CIUDAD DE TRUJILLO: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - AGOSTO 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                   |                            |          |                                 |                  | VARIACIÓN PROMEDIO ANUAL 2/ |                   |                            |          |                                 |                  |
|-----------|--------------------|-------------------|----------------------------|----------|---------------------------------|------------------|-----------------------------|-------------------|----------------------------|----------|---------------------------------|------------------|
|           | Total              | Extractiv<br>a 3/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servici<br>os 4/ | Total                       | Extractiv<br>a 3/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicio<br>s 4/ |
| JUN.      | 1.9                | 11.1              | 5.7                        | -1.1     | -0.5                            | -1.6             | 2.1                         | 4.8               | 4.9                        | -0.5     | 0.9                             | 0.6              |
| JUL.      | 3.5                | 9.2               | 12.6                       | -0.8     | 0.3                             | -0.9             | 2.3                         | 5.4               | 6.0                        | -0.5     | 0.9                             | 0.4              |
| AGO.      | 6.6                | 8.8               | 22.5                       | 0.9      | 0.5                             | 0.9              | 2.8                         | 5.9               | 7.9                        | -0.3     | 0.8                             | 0.5              |
| SET.      | 0.6                | 5.9               | -3.6                       | -0.7     | 1.4                             | 1.5              | 2.6                         | 5.9               | 6.6                        | -0.4     | 0.9                             | 0.6              |
| OCT.      | -2.7               | -0.7              | -10.8                      | 0.3      | 0.7                             | -0.5             | 2.0                         | 5.2               | 4.7                        | -0.3     | 0.9                             | 0.5              |
| NOV.      | -0.5               | 7.0               | -5.1                       | 0.8      | 0.4                             | -1.2             | 1.8                         | 5.4               | 3.7                        | -0.2     | 0.8                             | 0.3              |
| DIC.      | -3.3               | 4.3               | -17.2                      | 3.0      | -0.2                            | -0.7             | 1.3                         | 5.3               | 1.8                        | 0.1      | 0.7                             | 0.2              |
| 2018 ENE. | -2.2               | 4.6               | -14.8                      | 3.1      | -1.2                            | 1.2              | -2.2                        | 4.6               | -14.8                      | 3.1      | -1.2                            | 1.2              |
| FEB.      | -4.1               | 5.3               | -14.1                      | 5.9      | -1.7                            | -5.8             | -3.1                        | 5.0               | -14.5                      | 4.5      | -1.4                            | -2.2             |
| MAR.      | -1.2               | 3.0               | -2.7                       | 7.5      | -1.5                            | -5.3             | -2.5                        | 4.3               | -10.6                      | 5.5      | -1.4                            | -3.2             |
| ABR.      | 1.9                | 2.5               | -5.7                       | 8.0      | 1.2                             | 4.3              | -1.4                        | 3.9               | -9.4                       | 6.1      | -0.8                            | -1.4             |
| MAY.      | -0.9               | 0.5               | -8.4                       | 7.5      | 3.8                             | -1.5             | -1.3                        | 3.2               | -9.3                       | 6.4      | 0.1                             | -1.4             |
| JUN.      | -2.7               | -4.0              | -16.7                      | 7.0      | 2.8                             | 0.5              | -1.5                        | 2.0               | -10.4                      | 6.5      | 0.5                             | -1.1             |
| JUL.      | -4.5               | -2.6              | -23.6                      | 6.2      | 1.6                             | 0.6              | -2.0                        | 1.3               | -12.3                      | 6.5      | 0.7                             | -0.8             |
| AGO.      | -10.0              | 1.8               | -43.5                      | 4.7      | 2.1                             | -1.4             | -3.0                        | 1.3               | -16.5                      | 6.2      | 0.9                             | -0.9             |
| SET.      | -6.7               | 0.6               | -32.7                      | 4.7      | 0.7                             | -1.1             | -3.4                        | 1.3               | -18.2                      | 6.1      | 0.9                             | -0.9             |
| OCT.      | -6.2               | 5.8               | -33.2                      | 4.6      | 0.7                             | -1.4             | -3.7                        | 1.7               | -19.6                      | 5.9      | 0.8                             | -1.0             |
| NOV.      | -9.6               | -5.5              | -39.4                      | 3.6      | 1.1                             | -1.0             | -4.3                        | 1.0               | -21.4                      | 5.7      | 0.9                             | -1.0             |
| DIC.      | -6.6               | -5.0              | -26.2                      | -0.7     | 2.3                             | -1.6             | -4.5                        | 0.5               | -21.8                      | 5.1      | 1.0                             | -1.0             |
| 2019 ENE. | -8.6               | -6.4              | -30.1                      | 0.1      | 2.3                             | -3.8             | -8.6                        | -6.4              | -30.1                      | 0.1      | 2.3                             | -3.8             |
| FEB.      | -6.9               | -3.1              | -28.7                      | -0.5     | 2.1                             | -0.8             | -7.8                        | -4.7              | -29.4                      | -0.2     | 2.2                             | -2.4             |
| MAR.      | -8.2               | -0.1              | -35.2                      | -0.7     | 3.0                             | -0.4             | -7.9                        | -3.2              | -31.5                      | -0.4     | 2.5                             | -1.7             |
| ABR.      | -6.0               | 7.5               | -32.9                      | -1.3     | 1.7                             | 3.2              | -7.4                        | -0.8              | -31.8                      | -0.6     | 2.3                             | -0.5             |
| MAY.      | -4.3               | 7.3               | -25.7                      | -1.6     | 1.1                             | 2.6              | -6.8                        | 0.7               | -30.7                      | -0.8     | 2.1                             | 0.2              |
| JUN.      | -4.1               | 5.5               | -20.4                      | -0.3     | 1.2                             | 0.0              | -6.4                        | 1.5               | -29.2                      | -0.7     | 1.9                             | 0.1              |
| JUL.      | -7.4               | 0.9               | -28.6                      | 1.2      | 2.8                             | -1.5             | -6.5                        | 1.4               | -29.2                      | -0.5     | 2.1                             | -0.1             |
| AGO. P/   | -7.6               | -5.6              | -14.4                      | 1.0      | 1.2                             | -6.7             | -6.6                        | 0.5               | -27.8                      | -0.3     | 1.9                             | -1.0             |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en octubre 1998.

1/ Variación porcentual respecto al mismo mes del año anterior.

2/ Variación porcentual de un periodo comprendido desde enero hasta el mes de referencia del año corriente respecto al mismo periodo del año anterior.

3/ Conformada por las subramas agricultura, pesca y minería.

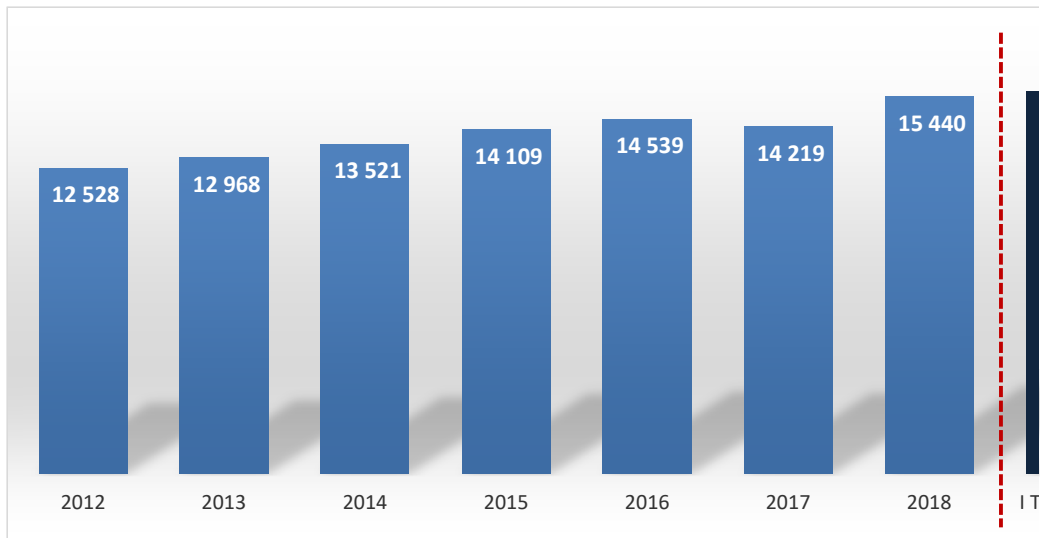
4/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros , enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

**Fuente:** MTPE – Encuesta Nacional de Variación Mensual del Empleo (ENVME).

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: PROMEDIO DE EMPRESAS DEL SECTOR PRIVADO, 201



**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

| REGIÓN      | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|
| LA LIBERTAD | 12528          | 12968          | 13521          | 14109          | 14539          | 14219          |
| <b>PERÚ</b> | <b>242,913</b> | <b>253,088</b> | <b>261,781</b> | <b>273,873</b> | <b>282,150</b> | <b>283,895</b> |

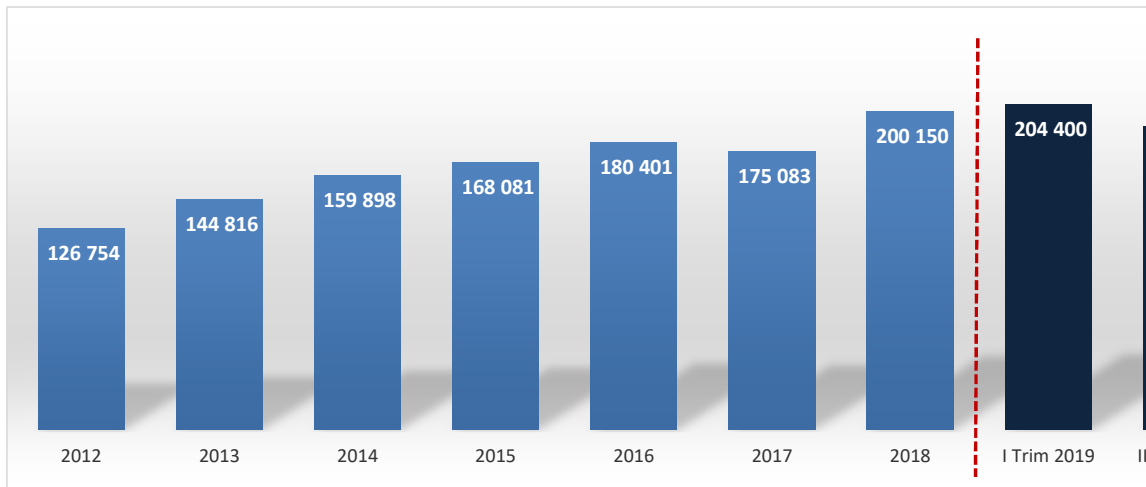
## 2 - II TRIM 2019

[Volver al índice](#)



| 2018    | I Trim 2019 | II Trim 2019 |
|---------|-------------|--------------|
| 15440   | 15684       | 16397        |
| 293,938 | 297,108     | 301,186      |

**LA LIBERTAD: PROMEDIO DE TRABAJADORES DEL SECTOR PRIVADO, 2012 - II TRIMESTRE**  
**(Personas)**



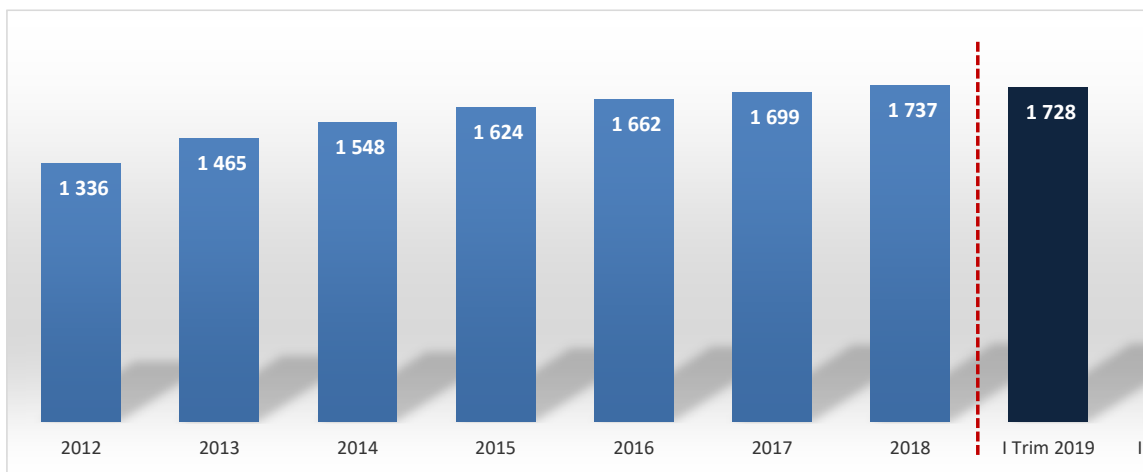
**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**M 2019**



**LA LIBERTAD: PROMEDIO DE REMUNERACIÓN MENSUAL DE TRABAJADORES DEL SECTOR  
PRIVADO, 2012 - II TRIM 2019  
(Soles)**



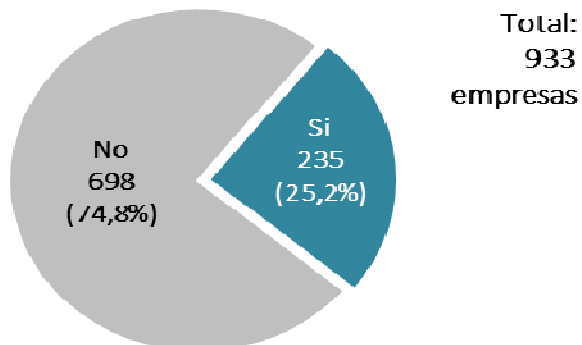
**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

ECTOR



## LA LIBERTAD: EMPRESA QUE REQUERIRÁN PERSONAL A CONTRATAR (Absoluto y porcentaje)



**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: EMPRESAS QUE REQUERIRÁN PERSONAL, SEGÚN RAZÓN DE CONTRATACIÓN, 2019 (Porcentaje)



**Nota:** La suma de los porcentajes excede el 100% por ser respuesta múltiple.

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

3, 2019

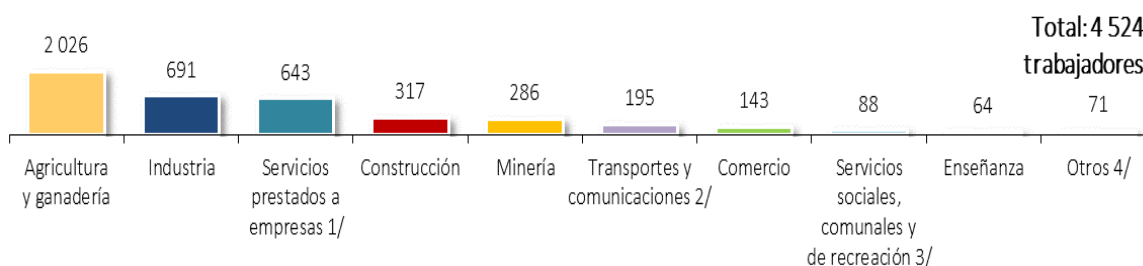
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## LA LIBERTAD: PERSONAL A CONTRATAR, SEGÚN PRINCIPALES SECTORES ECONÓMICOS, 2019 (Absoluto)



**Nota:** Clasificación de sector económico basado en el CIIU Rev. 4.

1/ Considera alquiler de maquinaria y equipo; servicios de informática; servicios de vigilancia; servicios de limpieza; servicios de envase y empaque; otras actividades empresariales (actividades jurídicas y contables).

2/ Considera actividades de agencias de viajes.

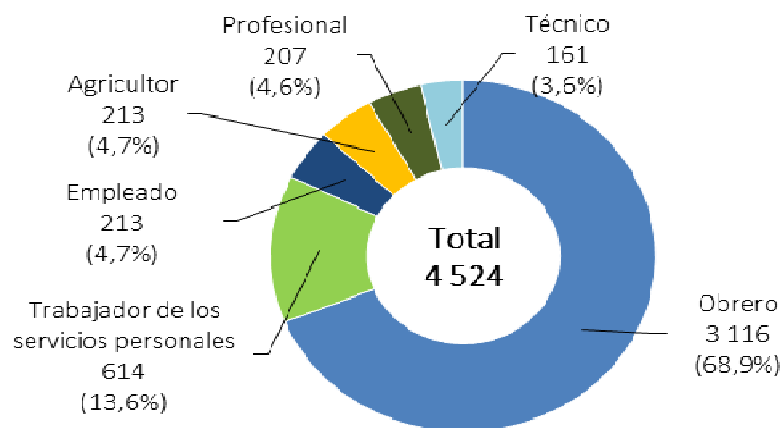
3/ Considera actividades de asociaciones; actividades de esparcimiento; actividades culturales y deportivas; actividades de hospitales; investigación y desarrollo; entre otros.

4/ Incluye establecimiento financiero y seguros (28); restaurantes y hoteles (25); y, electricidad, gas y agua (18).

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: PERSONAL A CONTRATAR SEGÚN GRUPO OCUPACIONAL, 2019 (Absoluto y porcentaje)



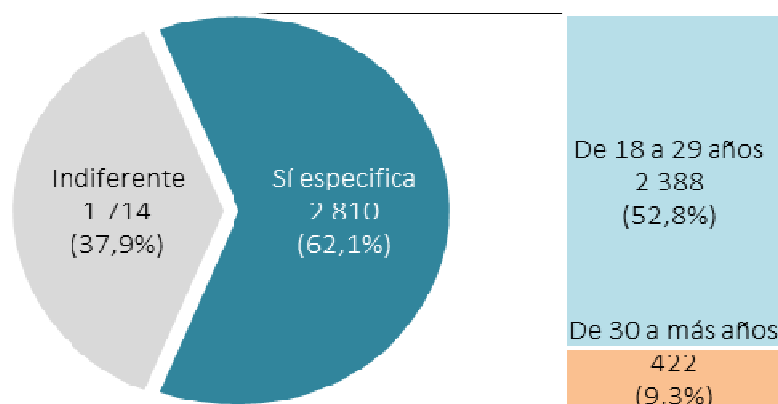
**Notas:** La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: PERSONAL A CONTRATAR SEGÚN GRUPO DE EDAD, 2019

(Absoluto y porcentaje)



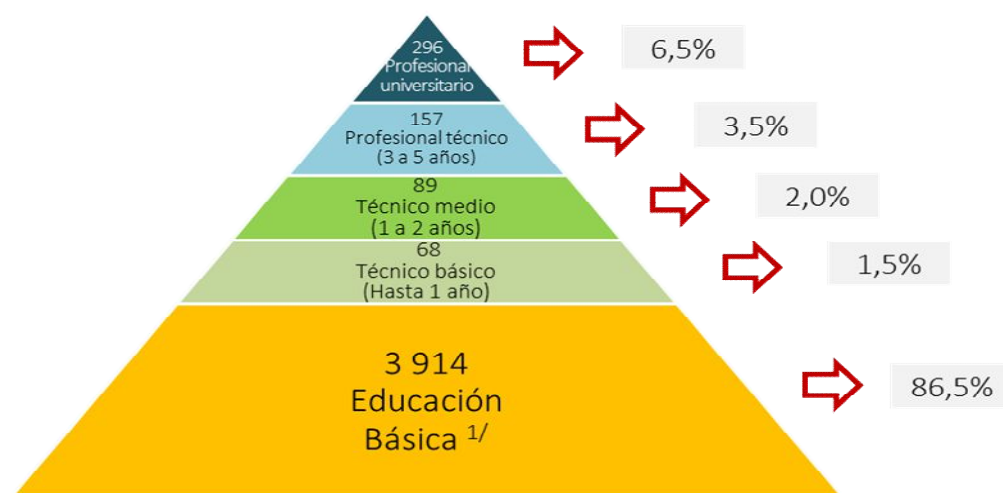
**Nota:** La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: PERSONAL A CONTRATAR SEGÚN NIVEL EDUCATIVO, 2019

(Absoluto y porcentaje)



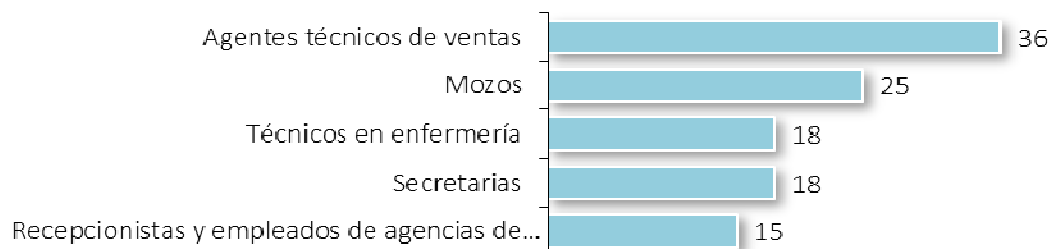
<sup>1/</sup> Incluye educación hasta secundaria.

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: OCUPACIONES MÁS REQUERIDAS DEL PERSONAL PROFESIONAL TÉCNICO A CONTRATAR, 2019

(Absoluto)



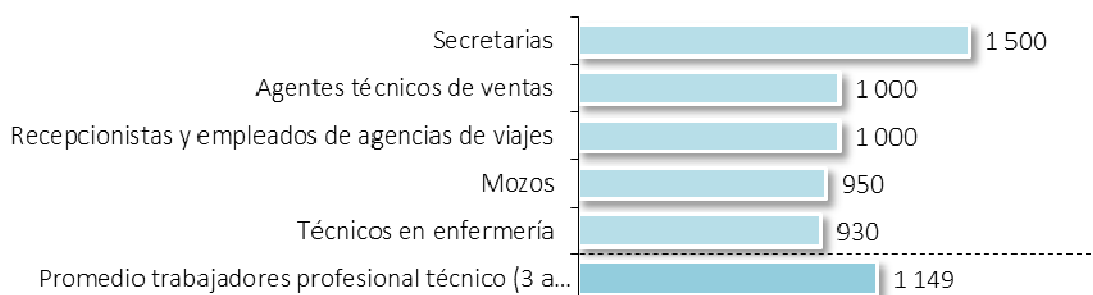
**Nota:** Los trabajadores profesionales técnicos son aquellos con estudios de 3 hasta 5 años.

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

## LA LIBERTAD: REMUNERACIÓN PROMEDIO MENSUAL DE LAS OCUPACIONES MÁS REQUERIDAS DEL PERSONAL PROFESIONAL TÉCNICO A CONTRATAR, 2019

(Soles)

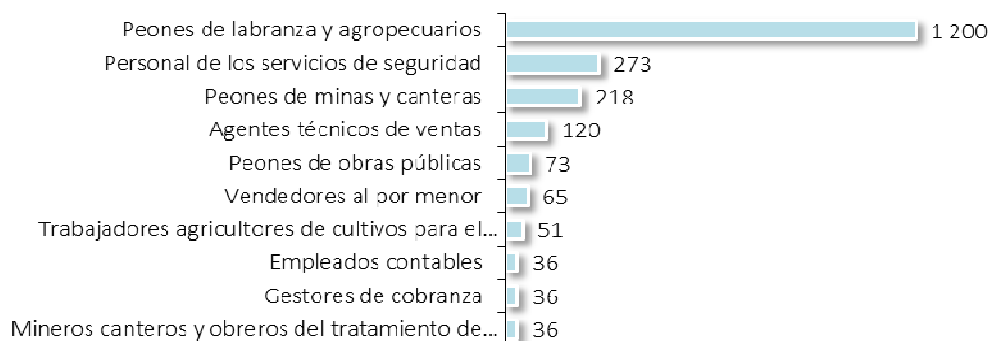


**Nota:** Los trabajadores profesionales técnicos son aquellos con estudios de 3 hasta 5 años.

**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**LA LIBERTAD: OCUPACIONES MÁS REQUERIDAS PARA  
JÓVENES A CONTRATAR, 2019**  
(Absoluto)



**Fuente:** MTPE - Encuesta de Demanda Ocupacional a empresas de 20 a más trabajadores, 2018.

**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

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